From: LIA08 Hoc
Sent: Wednesday, April 06, 2011 12:26 PM
To: PMT03 Hoc; PMT07 Hoc
Cc: LIA06 Hoc
Subject: Need the File Path for RST Assessment Reports

Can you send it to LIA06 and LIA08...

PPP/691

From: Hoc, PMT12
Sent: Wednesday, April 06, 2011 10:43 AM
To: PMT03 Hoc
Subject: Add to chronology record 877

Please add in a statement that from the conversation with EPA this morning, there are no current plans to deploy the RADNET monitors. We will be waiting for them to get back to us with a status after talking with management.

PPP/692

From: Wiggins, Jim
Sent: Wednesday, April 06, 2011 2:56 PM
To: Virgilio, Martin; Burnell, Scott; RST06 Hoc
Cc: Zimmerman, Roy
Subject: RE: Proposed Unit 2 core response language

I'm good with this.

From: Virgilio, Martin
Sent: Wednesday, April 06, 2011 2:50 PM
To: Burnell, Scott; Wiggins, Jim; RST06 Hoc
Subject: RE: Proposed Unit 2 core response language

Fine with me

From: Burnell, Scott
Sent: Wednesday, April 06, 2011 2:46 PM
To: Virgilio, Martin; Wiggins, Jim; RST06 Hoc
Subject: RE: Proposed Unit 2 core response language
Importance: High

Stu Richards asked for some caveats, and my attempt at them is below in blue…

There continues to be a great deal we don't know regarding the situation at Fukushima. One thing we do know with reasonable certainty is that the core of Unit 2 has been damaged. Beyond that, the NRC speculates there are possible leakage paths from the reactor vessel into the drywell that could account for reports of high radiation levels in the drywell. The NRC does not believe the reactor vessel has given way, and we do believe practically all of the core remains in the vessel. These two beliefs drive our continuing recommendation that every available method should be used to add fresh water to the Unit 2 reactor vessel and continue cooling the core.

PPP/693

From: RST06 Hoc
Sent: Wednesday, April 06, 2011 5:54 AM
To: Johnson, Michael
Subject: FW: RST transition
Attachments: RST-REC-4-6-11.doc

Will work on next steps.
Do you have any objections to me sending out to all RST directors for comment.
Laura

PPP/694

NRC Operations Center-Reactor Safety Team Transition Plan

Currently the reactor safety team is staffed 24/7 with 5 staff including the RST Director. Original response duties included evaluation of event data, development of engineering analysis and recommendations to resolve core and spent fuel cooling issues, technical support to the site team and liaison to the industry consortium as they staffed up and established communication paths and personnel connections with TEPCO.

The current priority of the RST is to monitor and assess information associated with the status of the reactors and spent fuel pools and to provide technical assistance to the site team to support them in their advisory role.

Key Challenge:

Multiple shifts and numerous handoffs between changing staff and the industry consortium is not an effective way to provide the needed technical support to the site team. The technical assistance products often require several rounds of comments and concurrence (from all parties, (e.g., INPO, NR, GE, EPRI) as well as technical expertise from the NRC line organization. The nature of the requests and resulting technical products is such that it routinely takes multiple shifts to issue a product. It appears that a 1-2 day turn-around time for most (if not all) of the technical assistance requests is meeting the site teams needs. In addition, the US industry, DOE, Naval Reactors liaison role the RST assumed early in the event should be re-evaluated because the industry has established their contacts directly with TEPCO and there is a potential for the site team/RST to become an impediment to timely information exchanges between the US industry and TEPCO.

Current status:

1. It appears that the Fukushima reactors and spent fuel pools are in a static condition and TEPCO is working towards long term stability.
2. The industry consortium (INPO, GeH, EPRI) has established direct communication with TEPCO and has embedded personnel in the WANO Tokyo Center and with the TEPCO organization (TEPCO ERC)

Recommendation:

The RST 24/7 staffing should be scaled down to 1 staff member to serve as a communicator/coordinator while other teams remain staffed (e.g., ET, PMT,LT). The technical support to the site team should be placed in the line organization (see suggested team below):

Recommended Plant Status Assessment Role:

Plant conditions do not appear to be changing rapidly and a daily assessment based on best available information should be sufficient. A general "on-call" list should be established such that additional resources can be brought in rapidly if plant conditions change significantly.

Recommended Organizational Structure to Support Site Team in their advisory role:

Overall, a dedicated (temporary) team should be established in the line organization (e.g., NRR).

This team should consist of:

1Team lead-strong organizational skills, communication skills
2 Project Managers-strong organizational skills with experience managing complex projects, communication skills
1-dedicated administrative assistant
(No specific technical expertise should be assigned, rather the team should have access to experts within all organizations and establish a method of tasking out questions and information needs to the appropriate skill sets.)

The activities of this team would be the following:

-Establish a daily call with the site team to align on requests and priorities (Note: will need to address time difference)
-Participate in a daily call with the industry consortium for awareness of their activities with TEPCO.
-Track requested information and be the single POC for all documents/products developed.
-Provide daily status of products/issues being worked.
-Establish POCs with NISA, for future assistance once the site team has been terminated

From: RST01 Hoc
Sent: Wednesday, April 06, 2011 3:53 AM
To: RST08 Hoc; RST07 Hoc; RST09 Hoc; Hoc, RST16
Subject: FW: TEPCO Earthquake Information Update on April 5: Result of radioactive water spilled to the sea
Attachments: image008.gif; image009.jpg; image010.gif; image011.jpg; image012.jpg; image013.jpg; image014.jpg

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From: LIA02 Hoc
Sent: Wednesday, April 06, 2011 3:38 AM
To: RST01 Hoc; Hoc, PMT12
Subject: FW: TEPCO Earthquake Information Update on April 5: Result of radioactive water spilled to the sea

For your info. See last page for IAEA site visit to Daiichi today and Diani tomorrow. Jeff Temple

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From: Hidehiko Yamachika [mailto:yamachika-hidehiko@jnes-usa.org]
Sent: Tuesday, April 05, 2011 2:51 PM
To: LIA02 Hoc
Cc: Aono, Kenjiro; Michael W. Chinworth
Subject: FW: TEPCO Earthquake Information Update on April 5: Result of radioactive water spilled to the sea

FYI
This is from TEPCO Washington Office.

From: 松尾　建次 [mailto:matsuo.kenji@wash.tepco.com] **On Behalf Of** matsuo.kenji@tepco.co.jp
Sent: Tuesday, April 05, 2011 1:57 PM
To: matsuo.kenji@tepco.co.jp
Subject: TEPCO Earthquake Information Update on April 5: Result of radioactive water spilled to the sea

Dear Friends,

Here are updates on radioactive material release from Fukushima Daiichi NPS and information on IAEA's visit to the sites.

(1) Outflow of fluid containing radioactive materials to the ocean from areas near intake channel of Fukushima Daiichi NPS Unit 2 (continued report)

PPP\695

(2) Measures taken to stop outflow of radioactive fluid to the ocean from unit 2

(3) IAEA visit to Fukushima Daiichi and Daini NPS

Contacts:

TEPCO Washington Office 202-457-0790

Kenji Matsuo, Director and General Manager

Yuichi Nagano, Deputy General Manager,

Masayuki Yamamoto, Manager, Nuclear Power Programs

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(1) Outflow of fluid containing radioactive materials to the ocean from areas near intake channel of Fukushima Daiichi NPS Unit 2 (continued report)

TEPCO detected water containing radiation dose over 1,000 mSv/h in the pit where supply cables are stored near the intake channel of Unit 2 on April 2. Furthermore, we identified a crack about 20 cm on the concrete lateral of the pit, from where the water in the pit was out flowing.

We have implemented sampling of the water in the pit, together with the seawater in front of the bar screen near the pit. These samples were sent to Fukushima Daini Nuclear Power Station for analysis.
Results of this analysis are shown in Table (1) and Figure (1).

Afterward, we implemented sea water sampling at the inside of the pit and in front of the bar screen near the pit. We conducted radionuclide analysis and found radioactive materials. We reported the results to Nuclear and Industrial Safety Agency (NISA), Ministry of Economy, Trade and Industry (METI), and Fukushima prefecture respectively. Results of this analysis are shown in Table (2) and Figure (2).

We are announcing 3 type of nucleus (Iodine- 131, Cesium-131, and Cesium-137) as definite value at the result of the analysis. In addition, we will re-evaluate other type of nucleus based on the preventive measures under a strong warning of NISA on April 1st (we have reported this yesterday),

Table (1): Nuclide analysis results from seawater sampling on April 2.

Result of nuclide analysis of the seawater at the cable pit of Unit 2 and screen

Place of collection	(A) The cable pit beside the screen of Unit 2	(B) Cut flowed water at the screen of Unit 2	(C) Seawater at the screen of Unit 1		(D) Seawater at the screen of Unit 2		(E) Seawater at the screen of Unit 3		(F) Seawater at the screen of Unit 4		[illegible]
Time and date of sampling	11:54, April 2nd, 2011	16:30, April 2nd, 2011	17:03, April 2nd, 2011		11:50, April 2nd, 2011		16:54, April 2nd, 2011		16:44, April 2nd, 2011		
Size of measurement [illegible]	[illegible]										
Measurement time	500 seconds	1,000 seconds									
Density of detection (Bq/cm3)	Density (Bq/cm3)	Density (Bq/cm3)	(1) Density (Bq/cm3)	Scaling factor (1)/(2)	(1) Density (Bq/cm3)	Scaling factor (1)/(2)	(1) Density (Bq/cm3)	Scaling factor (1)/(2)	(1) Density (Bq/cm3)	Scaling factor (1)/(2)	
I-131 (half days)	6.2E+06	6.4E+06	1.8E+04	480,000	8.0E+06	7,500,000	1.6E+04	380,000	1.4E+04	350,000	[illegible]
Cs-134 (half years)	1.9E+06	1.8E+06	7.7E+02	130,000	1.2E+06	2,000,000	6.9E+02	96,000	6.8E+02	97,000	[illegible]
Cs-137 (half years)	1.9E+06	1.8E+06	7.9E+02	88,000	1.2E+06	1,300,000	6.9E+02	66,000	6.8E+02	64,000	[illegible]

Figure (1): Nuclide analysis sampling location on April 2.

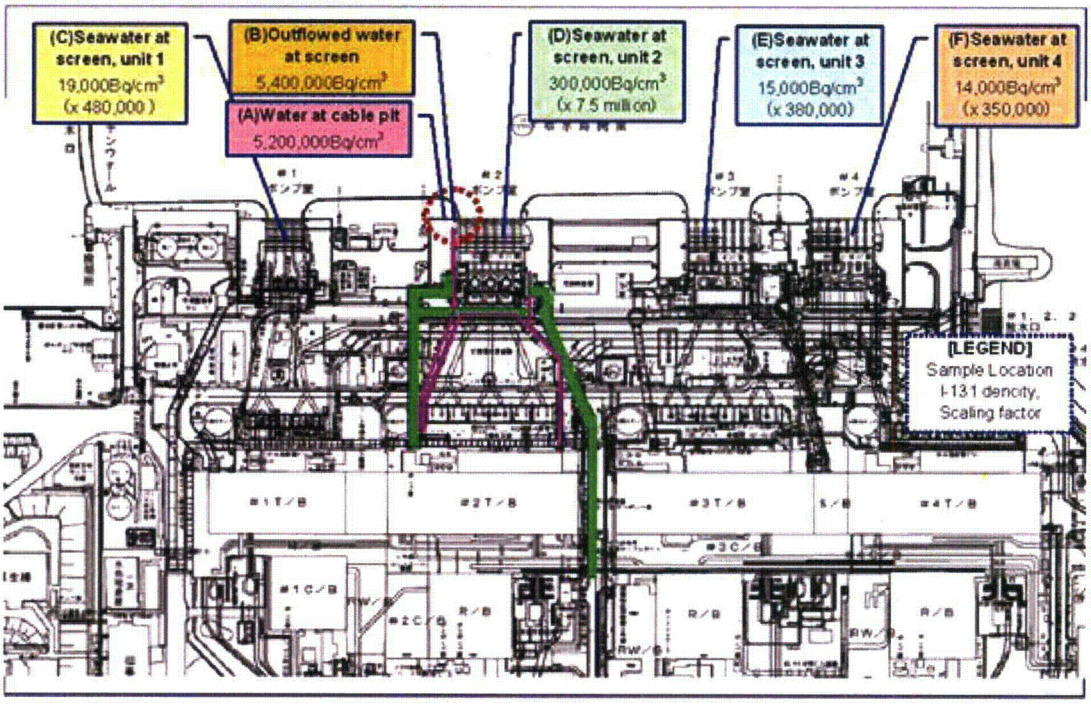
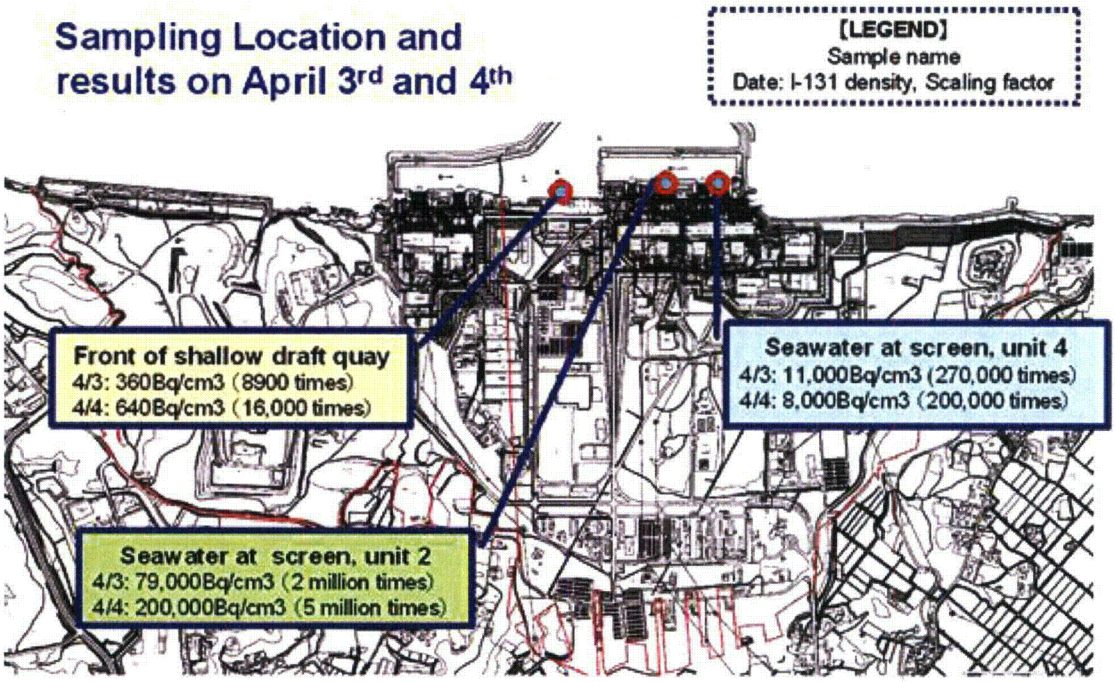


Table (2) : Nuclide analysis results from seawater sampling on April 3 and 4.

Result of nuclide analysis of seawater at the front of shallow draft quay and screen of Unit 2, 4

Place of collection	The front of shallow draft quay				Seawater at the screen of Unit 2				Seawater at the screen of Unit 4				
Time and date of sample	8:30, April 4 h, 2011		10:55, April 3rd, 2011		9:00, April 4 h, 2011		13:25, April 3rd, 2011		8:50, April 4 h, 2011		11:10, April 3rd, 2011		
Sampler of sampling	[illegible]												[illegible]
Analysis date	[illegible]												
Results of detection (Bq/cm3)	①Density (Bq/cm3)	Scaling factor (①/②)	①Density (Bq/cm3)	Scaling factor (①/②)	①Density (Bq/cm3)	Scaling factor (①/②)	①Density (Bq/cm3)	Scaling factor (①/②)	①Density (Bq/cm3)	Scaling factor (①/②)	①Density (Bq/cm3)	Scaling factor (①/②)	
I-131 (at 6 days)	8.4E+02	16,000	3.8E+02	8,500	2.0E+06	5,000,000	7.9E+04	2,000,000	3.0E+03	200,000	1.1E+04	270,000	[illegible]
Cs-134 (at 2 years)	2.7E+02	4,500	1.6E+02	2,500	9.8E+04	1,800,000	2.6E+04	600,000	4.2E+03	70,000	4.8E+03	76,000	[illegible]
Cs-137 (at 30 years)	2.7E+02	3,000	1.6E+02	1,800	9.8E+04	1,100,000	2.6E+04	400,000	4.2E+03	47,000	4.8E+03	51,000	[illegible]

Figure (2) : Nuclide analysis sampling location on April 3 and 4.



(2) Measures taken to stop outflow of radioactive fluid to the ocean from unit 2

In the afternoon on April 3, we injected 20 sets of sawdust (approx 60 kg), 80 sets of polymer (approx 8kg), 3 sets of newspapers and 2.5m^3 of water to the trench for power cable of intake channel and stirred.

Afterward, we observed the changes of water level inside the pit and the amount of outflow to the sea. However, as of 9:30, April 5th, we could not observe any changes in the amount of the outflow. Meanwhile, from 7:08 am to 7:11 am, we injected white powder as a tracer from the trench shaft of seawater duct and started a survey for the outflow condition. [Amount of injection: approx 13kg, 20 boxes x 660g/box = 13.2 kg]

Currently, we are implementing the water shutoff method of the ground near the screen with the crack surrounding cable duct of the pit. We are injecting materials of water shutoff into the ground to block the outflow channel.

In order to reduce the spread of the radioactive contamination to the sea, we are making efforts to shut the outflow from water intake by installing silt fences and steel sheet piles. Also we will continue to monitor the impact in front of the plant and in the area within 15km from the coast.

Figure (3): Assumed Cause of Contaminated Water Outflow to the Sea.

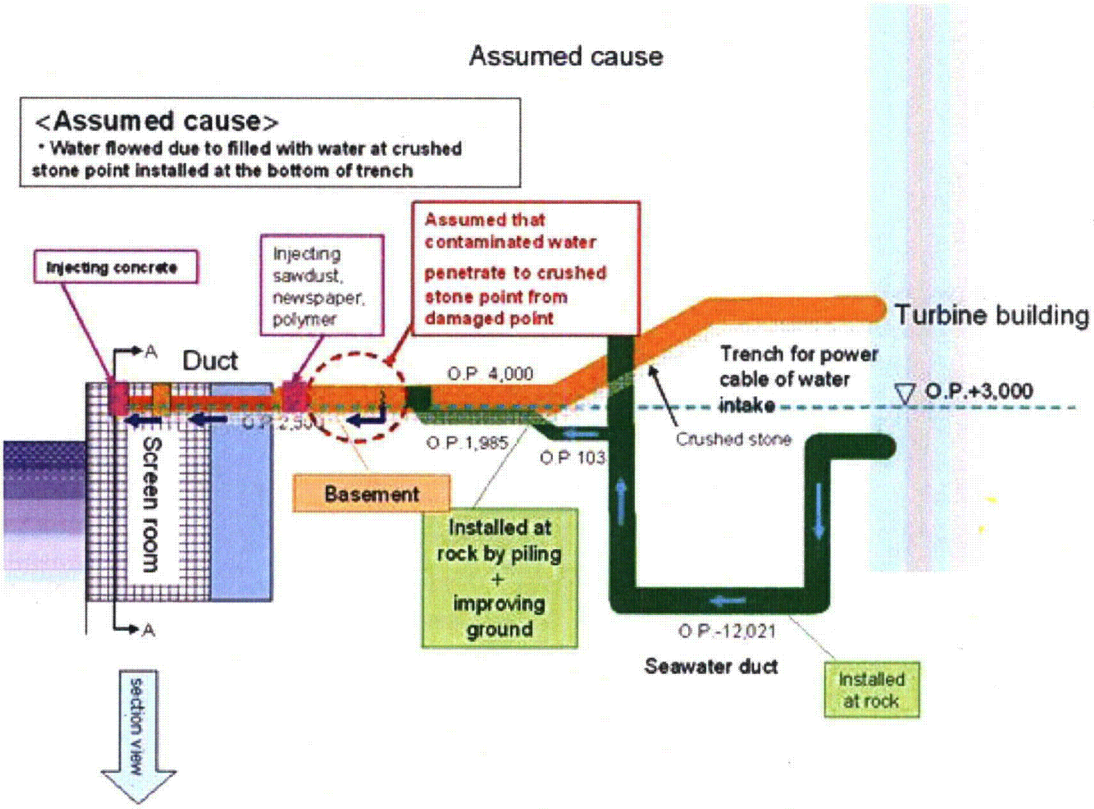


Figure (4): Injection of Water Shutoff Material in the Crushed Stone Layer under the Trench

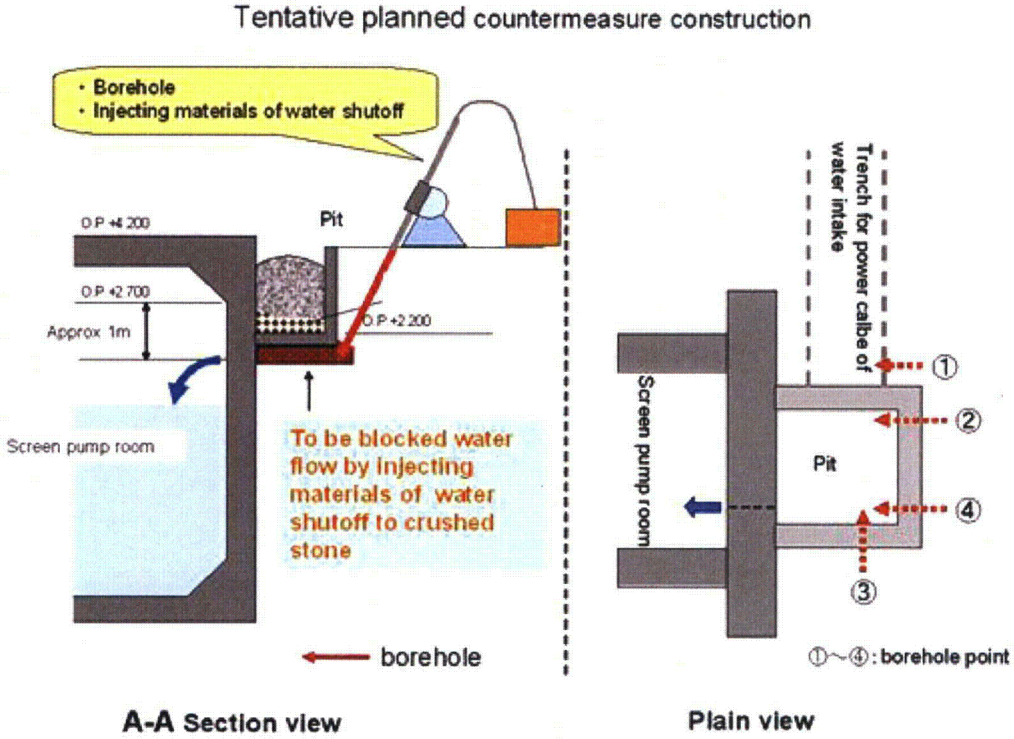
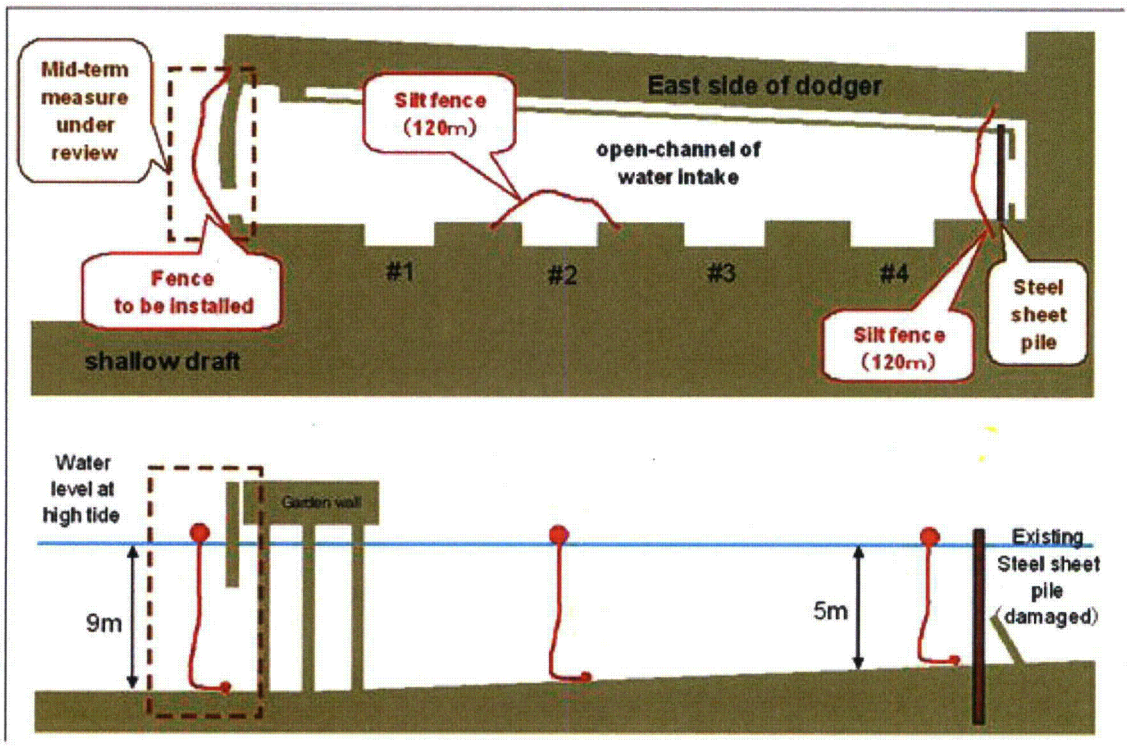


Figure (5): Silt fence installment

Tentative Preventive Measure of Spreading Radioactive Materials



(2) IAEA visit to Fukushima Daiichi and Daini NPS

The IAEA plans to dispatch a survey mission to evaluate the incident once the plants are brought into stable condition. The purpose of the visit this time is to observe the situation to prepare for the main survey mission.

The IAEA will conduct visual observation of plants at Fukushima Daiichi NPS and brief opinion exchange with chief of the plants.

They will arrive at Fukushima Daiichi NPS during the afternoon of April 6(Wed). Then, they move to Fukushima Daini NPS and stay one night. In the morning of April 7(Thu), they will observe Fukushima Daini NPS and return to Tokyo.

The IAEA team consists of Mr. Nobuhiro Muroya, Department of Nuclear Safety and Security, Mr. Edward Bradley and Mr. Katsumi Yamada, BWR experts from Department of Nuclear Energy.

From: ET05 Hoc
Sent: Wednesday, April 06, 2011 9:03 PM
To: LIA06 Hoc; LIA08 Hoc
Subject: Consortium Call- April 6th
Attachments: Call with Industry Consortium April 6, 2011 at 8pm EST.docx

See attached document

EST Actions Officer

PPP/696

Consortium Call – 4/6/11 20:00

Attendees:

- NRC Headquarters Operations Officer
- Roy Zimmerman, NRC ET Director
- Joe Giitter, NRC EST Director & Response Advisor
- Mark Lombard, NRC LT Director
- Milt Murray, NRC LT Coordinator
- Amy Roundtree, NRC EST Actions Officer
- Naval Reactors Representative
- RST Director
- Lt. Coronial Price
- J4
- Linch, INPI
- Glen
- NRC Japan Team
- Tim Scicola, Industry Support Team Toyko
- Rick M. Nielsen, INPO
- Jay Tildon, DOE
- Bill Berger,

Organizational Issues/Roles & Responsibilities

- **U.S. Agency Roles and Leads** – No update
- **U.S. Industry Support Structure and Roles** – No update

Current Action Items and Material Request List (i.e., Matrix)

- NOTE: GOJ have changed their priorities and changed the list, so that will brought up throughout the call.
- Item 1: Rick Nielsen, San Onofre has shipped their items should be in country, will work with TEPCO to make sure it was received; 2b (Bruce has either shipped 3-4 frisk monitors by air by now (suspect) need to confirm. Monitors are going to GOJ. Unable to send internal air contamination monitors because of contamination.
- Item 3: SPEEDE Simulation, ongoing, Jay Tildon, provided comments on it last night (April 5th); suggestion is to move this item to closed
- Item 4: Germanium – 2 units were loaded to the GOJ, another 2 or 4 is already on its way.
- Item 2a: Stationary Radiation Monitors – waiting on GOJ to see what to do, all DOE equipment is already there; Ron Cherry is the POC for this item. Next steps is to carry on dialogue with Japan
- Westinghouse is contracted with TEPCO has robotic devices they are using. Focus is to figure out what is going on with the spent fuel pools
- Item 5: Robotic Devices – still accurate, items are on the way, waiting to hear if GOJ wants DOE experts over there to help. Robots will arrive Friday. DOE is paying for that.
- Item 27: Nitrogen/Coolant – still waiting clarification, waiting for government meeting today
- Item 23: Turbine Water – updated paper that will be released tomorrow, will send a written update with options. "Water management team" should be removed from tracking list, no idea where that comment came from. Suggest remove this item.

- Item 23/31: Temporary Holding Tanks – still opening being worked, NISA and TEPCO, need to know the priority list. Only way to get them there airlift, willing to give these items if GOJ is willing to pay for the freight. Tracker number should be removed in comments section.
- Item 33: Temporary Shielding Options – discuss further with Japan; suggested that DOE will need to be involved as well. Alan needs to understand more specifically what the GOJ's needs are, reach out and find out the experts to do this
- Items 34: Iodine Shielding Masks, etc, - holding pattern for this until Friday, if not indication of interest on Friday then will close this item out. This request went to many countries so GOJ. GOJ has already lined out some of the equipment.
- Item 5: Robots for Rubble Removal – nothing to add, GOJ has retracted this request, only need is shielding information and expertise
- Item 30: task tracker number true

New Actions – None

Other

- Send updated list as soon as possible. (NRC Site Team)

Call concluded at 2101 EST.

From: Weber, Michael
Sent: Wednesday, April 06, 2011 6:55 PM
To: Zimmerman, Roy
Cc: ET05 Hoc; ET01 Hoc
Subject: FYI - NRC's Daily Assessment of Conditions at Fukushima Daiichi
Attachments: NRC Daily Assessment of Daiichi - 4-6-11.pdf

From: Taylor, Robert
Sent: Wednesday, April 06, 2011 2:32 AM
To: Jaczko, Gregory
Cc: Borchardt, Bill; Weber, Michael; Virgilio, Martin; Casto, Chuck; Leeds, Eric; RST01 Hoc
Subject: NRC's Daily Assessment of Conditions at Fukushima Daiichi

Dear Chairman,

Attached please find the NRC Japan Team's Daily Assessment of conditions at the Fukushima Daiichi nuclear power plants and spent fuel pools.

There is only one change of note for today. The NRC Japan Team continues to monitor TEPCO's make-up water additions to each for the Daiichi SFPs. Over the last few days, the makeup to the Unit 4 SFP has not been sufficient to offset TEPCO's calculated losses from steaming. This is reflected by a down arrow in the attached for cooling and level of the Unit 4 SFP. We will continue to discuss this issue with NISA and TEPCO.

If you have any questions, please don't hesitate to ask.

Best regards,
Rob Taylor
NRC Japan Team

PPP/697

NRC's Daily Assessment of Conditions at Fukushima Daiichi Nuclear Power Plant

Unit 1		Today	Yesterday
Vessel	Cooling	Challenged	Challenged
		↔	↔
	Integrity	Intact	Intact
		↔	↔
Containment	Flooding	Inc./Needed	Inc./Needed
		↔	↔
	Integrity	Challenged	Challenged
		↔	↔
Spent Fuel Pool	Cooling/Level	Adequate	Adequate
		↔	↔
	Integrity	Intact	Intact
		↔	↔

Unit 3		Today	Yesterday
Vessel	Cooling	Adequate	Adequate
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Containment	Flooding	Challenged	Challenged
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Spent Fuel Pool	Cooling/Level	Challenged	Challenged
		↔	↔
	Integrity	Challenged	Challenged
		↔	↔

Unit 2		Today	Yesterday
Vessel	Cooling	Challenged	Challenged
		↔	↓
	Integrity	Failed	Failed
		↔	↔
Containment	Flooding	Inc./Needed	Inc./Needed
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Spent Fuel Pool	Cooling/Level	Adequate	Adequate
		↔	↔
	Integrity	Intact	Intact
		↔	↔

Unit 4		Today	Yesterday
Spent Fuel Pool	Cooling/Level	Challenged	Challenged
		↓	↔
	Integrity	Failed	Failed
		↔	↔

		Today	Yesterday
Protective Measures	Exposure Risk	Low	Low
		↔	↔

Methodology for Developing the Fukushima Daiichi Daily Assessment Report

PURPOSE: The report is prepared to provide a qualitative high level assessment of daily conditions at Fukushima Daiichi that the U.S. Ambassador can use to assess the safety of American citizens in Japan.

DISCLAIMER: The development of the daily assessment report includes a number of inputs. Some of these are objective, such as plant data provided by TEPCO, while others are subjective, such as engineering insights from the NRC's reactor and protective measures specialists in Japan. It should be recognized that there are many unknowns and uncertainties associated with having a complete understanding of conditions in each of the Daiichi reactors and spent fuel pools. As such, this tool represents the collective judgment of the NRC staff in Japan based on all available data.

For each of the major plant parameters listed below, the NRC staff assesses its status daily and bins it into one of the three categories listed. The staff uses the listed plant information and conditions in making its assessment. The arrows on the report indicate the relative trend in plant conditions from the previous day.

1. Reactor Pressure Vessel
    a. Cooling – Adequate, Challenged, or Inadequate.
        i. Flow or Injection Rate
        ii. Reliability of Injection
        iii. Source of Water
    b. Integrity – Intact, Challenged, or Failed.
        i. Temperature indications
        ii. Pressure readings
2. Primary Containment
    a. Flooding Status – Complete/Not needed, Challenged, or Incomplete/Needed.
        i. Water Level
        ii. Sources
        iii. Injection capacity/rate
    b. Integrity - Intact, Challenged, or Failed.
        i. Pressure readings
        ii. Bypass evaluations
        iii. Temperature indications
3. Spent Fuel Pools
    a. Cooling/Level – Adequate, Challenged, or Inadequate.
        i. Flow or Injection Rate
        ii. Reliability of Injection
        iii. Source of Water
    b. Integrity – Intact, Challenged, or Failed. Due to limited available data, this assessment relies strongly on the NRC team's engineering judgment.
4. Protective Measures – Exposure Risk to American citizens in Japan outside the U.S. government's recommended 50-mile evacuation zone.
    a. Low – 50-mile recommendation remains sufficient
    b. Medium – New information has raised questions regarding the sufficiency of the 50-mile recommendation.
    c. High – 50-mile recommendation is no longer sufficient due to changing plant condition

From: Nelson, Robert
Sent: Wednesday, April 06, 2011 12:50 PM
To: LIA06 Hoc; Burnell, Scott; Guzman, Richard; Lyon, Fred; Markley, Michael; Meighan, Sean; Nguyen, Quynh; Oesterle, Eric; Polickoski, James; Tam, Peter; Thomas, Eric; Wertz, Trent
Subject: FYI: Scan from Seabrook HP5035
Attachments: [Untitled].pdf

NELSON

-----Original Message-----
From: ~~Ennis,~~ Rick
Sent: Wednesday, April 06, 2011 11:21 AM
To: Chernoff, Harold; Nelson, Robert; Markley, Michael
Subject: FW: Scan from Seabrook HP5035

fyi

-----Original Message-----
From: Burritt, Arthur
Sent: Wednesday, April 06, 2011 10:59 AM
To: Bower, Fred; Cline, Leonard; DeBoer, Joseph; Douglas, Christopher; Ennis, Rick; Johnson, Jonathan; Kern, Ludwig; McKenna, Philip; Miller, Ed; Patel, Amar; Raymond, William; Schroeder, Daniel; Smith, Brian; Turilin, Andrey
Subject: FW: Scan from Seabrook HP5035

NEI presentation before the Senate subcommittee. Well worth the read, we have been independently working on a similar approach and key points for our discussions during the AAMs.

-----Original Message-----
From: R1Scan [mailto:R1Scan@nrc.gov]
Sent: Wednesday, April 06, 2011 10:53 AM
To: Burritt, Arthur
Subject: Scan from Seabrook HP5035

Please open the attached document. This document was digitally sent to you using an HP Digital Sending device.

PPP/698

3/17/2011 福島第一（１Ｉ

測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-

測定場所	③															測定位置変更※１	②						
モニタリングカー	0:30	0:50	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00	5:30	6:00	6:30	7:00	7:30		7:50	8:00	8:30	8:40	8:50	9:00	9:10
測定値(μSv/h)	351.4	350.1	348.2	345.9	344.8	344.6	341.7	340.8	339.4	338.3	336.1	334.7	333.8	314.5	313.5		381.3	379.0	373.0	372.5	372.7	373.7	371.9
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D		N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北東	南南西	東	西	北西	北	西	西	北西	西	西	西	西	西	西		西	南西	西南西	南西	南西	南西	南西
風速（m/ｓ）	1.1	0.4	0.9	0.5	1.5	1.5	1.8	1.8	1.0	1.3	2.3	3.1	3.6	3.7	3.8		3.7	3.7	3.2	3.8	3.4	3.7	3.0

測定場所	測定位置変更※２	①									測定位置変更※３	④		測定位置変更※４	③								測定位置変更※５
モニタリングカー		9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50		11:00	11:10		11:15	11:20	11:30	12:00	12:30	13:00	13:10	13:20	
測定値(μSv/h)		3786.0	3782.0	3763.0	3759.0	3755.0	3754.0	3750.0	3753.0	3743.0		647.3	646.2		313.1	312.5	312.3	311.0	310.7	309.7	309.3	309.1	
中性子		N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D		N.D	N.D		N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	
風向		西	西南西	西	北西	北西	西	西	西南西	南西		北西	北北西		北西	西	西北西	西	西	西	西	西	
風速（m/ｓ）		5.1	5.0	6.8	5.2	5.6	5.2	7.0	4.5	2.2		4.8	2.3		4.7	4.4	2.9	3.5	3.5	3.8	3.5	3.1	

測定場所	①			測定位置変更※６	③				測定位置変更※７	①														
モニタリングカー	13:30	13:40	14:00		14:10	14:30	15:00	15:30		15:50	15:55	16:00	16:05	16:10	16:15	17:00	17:05	17:10	17:15	17:20	17:25	17:30	17:35
測定値(μSv/h)	4175.0	4165.0	3810.0		311.1	310.3	309.1	309.7		3700.0	3699.0	3698.0	3695.0	3695.0	3691.0	3676.0	3676.0	3675.0	3675.0	3672.0	3670.0	3667.0	3665.0
中性子	N.D	N.D	N.D		N.D	N.D	N,D	N.D		N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北西	西	西		北西	西	西	西		西	西	西	西	西	西	西	北西	北西	北西	北西	西	北西	北西
風速（m/ｓ）	4.5	4.7	5.2		5.8	3.5	3.2	3.1		5.2	4.7	4.3	4.1	4.3	4.1	3.1	3.3	2.8	2.7	3.3	3.2	3.4	3.7

測定場所	①																				測定位置変更※８	③	
モニタリングカー	17:40	17:45	17:50	17:55	18:00	18:05	18:10	18:15	18:20	18:25	18:30	18:35	18:40	18:50	19:00	19:10	19:20	19:50	20:00	20:10		20:40	21:00
測定値(μSv/h)	3639.0	3653.0	3650.0	3649.0	3649.0	3645.0	3641.0	3641.0	3645.0	3643.0	3643.0	3637.0	3638.0	3638.0	3630.0	3626.0	3623.0	3599.0	3601.0	3586.0		292.2	291.9
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D		N.D	N.D
風向	西北西	西	西	西	西北西	西	北西	西	西	西	西北西	北西	北西	西北西	西南西	西北西	西	北西	北東	西北西		西北西	北西
風速（m/ｓ）	3.6	3.3	2.7	2.4	2.1	2.2	2.4	2.4	2.6	2.8	2.7	2.7	2.9	2.4	2.7	2.7	2.3	4.8	1.5	1.4		1.2	0.9

※１　体育館付近（MP－５東側）（2号機より西北西約０．９キロ）　※高圧放水活動の作業者のための放射線管理を行うため移動
※２　事務本館北（2号機より北西約０．５キロ）　※放水活動による効果を測定するためにより近傍へ移動
※３　正門付近前（MP-6付近）（2号機より西南西約１．０キロ）　※入構者のための放射線管理を行うため移動
※４　西門付近（MP-５付近）（2号機より西約１．１キロ）　※定点で測定するため移動
※５　事務本館北（2号機より北西約０．５キロ）　※放水活動による効果を測定するためにより近傍へ移動
※６　西門付近（MP-５付近）（2号機より西約１．１キロ）　※定点で測定するため移動
※７　事務本館北（2号機より北西約０．５キロ）　※放水活動による効果を測定するためにより近傍へ移動
※８　西門付近（MP-５付近）（2号機より西約１．１キロ）　※放水が終了し、定点で測定するため移動

3/17/2011

福島第一（１１

測定場所、 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）

③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-

測定場所	③																
モニタリングカー	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
測定値(μSv/h)	291.7	291.3	291.2	291.1	290.9	290.4	290.4	289.9	289.7	289.6	289.5	289.0	289.0	288.8	288.7	287.8	288.9
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北西	西	北西	北西	北西	北西	北西	西北西	北西	北西	北北西	北東	北西	北北西	北西	北西	北西
風速（m/s）	1.6	1.7	1.8	1.5	1.5	1.4	1.5	1.3	1.0	1.3	1.2	0.9	0.9	0.7	1.2	1.3	1.0

測定位置※８

3/18/2011　　福島第一（１１

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-

測定場所	③																						
モニタリングカー	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40
測定値(μSv/h)	287.0	287.3	286.6	286.4	286.3	286.0	285.6	285.5	285.2	284.9	284.6	284.4	284.0	283.7	283.7	283.5	283.0	282.9	282.6	282.2	282.1	281.6	281.5
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	西	西	西	西	北西	西北西	北西	北西	北西	北西	北	北西	北西	北東	北東	北東	北北東	北西	西	西北西	西北西	西	北西
風速（m/s）	1.4	1.0	1.0	0.8	0.9	1.0	1.6	1.5	1.7	1.4	0.9	0.6	1.0	0.5	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.7	0.6

測定場所	③																						
モニタリングカー	3:50	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30
測定値(μSv/h)	281.1	281.1	280.9	280.7	280.2	280.0	279.8	279.4	279.3	279.0	278.9	278.9	277.1	274.0	274.0	273.8	274.1	272.7	273.4	272.4	271.7	271.6	271.4
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	東	西	西	北	北西	北	北東	北北東	北北西	北	北西	北西	北	北東	西	北	西	北西	西	西	北	北	西
風速（m/s）	0.4	0.5	0.5	0.4	0.2	0.6	0.5	0.5	0.5	0.6	0.7	1.0	1.0	1.3	1.6	1.4	1.2	1.5	1.6	2.3	2.1	1.9	2.0

測定場所	③																						
モニタリングカー	7:40	7:50	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20
測定値(μSv/h)	271.1	271.2	270.5	270.3	269.9	269.9	269.8	269.2	268.7	267.6	268.9	267.5	267.0	266.9	266.7	266.4	266.1	265.7	265.4	264.8	265.0	264.4	264.5
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北西	北	北西	北西	西	西	西	北西	西北西	西北西	西	西	西	西北西	北北西	西	北西	北西	北	南西	西	北	北西
風速（m/s）	2.9	3.0	2.7	2.9	3.4	3.7	3.3	2.5	2.6	2.8	2.3	3.3	2.9	3.1	2.0	1.8	2.2	2.5	2.3	1.8	1.9	1.5	1.3

測定場所	③													測定位置変更※９	①								
モニタリングカー	11:30	11:40	11:50	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30		13:50	14:00	14:10	14:15	14:20	14:25	14:30	14:35	14:40
測定値(μSv/h)	264.1	264.4	263.4	263.5	263.1	262.9	263.3	264.3	261.3	262.0	261.9	262.7	264.1		3484.0	3414.0	3382.0	3371.0	3362.0	3357.0	3352.0	3342.0	3348.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D		N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	南西	南西	西北西	北	西	南東	東	南	南東	南	東南東	南東	東		東南東	南南東	南東	東南東	南	東南東	南東	南南東	南南東
風速（m/s）	1.5	1.7	1.6	1.7	1.3	1.2	1.1	1.8	2.7	3.0	2.6	2.5	2.0		1.8	2.0	1.7	1.6	1.7	1.9	1.9	1.7	1.8

※９　事務本館北（2号機より北西約０．５キロ）　※放水活動による効果を測定するためにより近傍へ移動

3/18/2011 福島第一（１１

測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-

測定場所	①																						
モニタリングカー	14:45	14:50	14:55	15:00	15:10	15:20	15:30	15:40	15:50	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10
測定値(μSv/h)	3357.0	3339.0	3346.0	3345.0	3368.0	3582.0	4075.0	3823.0	4396.0	4485.0	4352.0	4535.0	4419.0	4277.0	4735.0	5055.0	5033.0	4952.0	4251.0	4182.0	4090.0	4084.0	4069.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	南南東	東南東	南	南東	南	南南東	南南東	南南東	南南東	南南東	東南東	南	南南東	東	南南東	南	南南東	南南東	南	南	南南西	南南西	南
風速（m/ｓ）	1.6	1.5	1.5	1.4	1.7	1.9	2.3	2.1	2.2	2.4	2.0	2.1	1.8	2.1	2.1	2.0	2.1	3.1	2.3	1.8	1.8	1.2	1.2

測定場所	①											測定位置変更※１０	③										
モニタリングカー	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50	20:00		20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50
測定値(μSv/h)	4069.0	3922.0	3885.0	3832.0	3788.0	3745.0	3728.0	3699.0	3669.0	3634.0	3611.0		447.6	441.2	434.5	429.2	423.9	419.1	414.2	409.4	405.2	401.6	397.8
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D		N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	南	南南西	南南西	南南西	西	南西	南西	南南西	南	西南西	西南西		南	西	西北西	南西	西南西	南南西	西	西	西	北北西	西
風速（m/ｓ）	1.2	1.5	1.5	1.4	1.5	1.3	1.4	1.4	1.3	1.5	1.3		3.0	0.5	0.7	0.8	0.6	0.5	0.6	0.3	0.3	0.4	0.5

測定場所	③									測定位置変更※１１	①			
モニタリングカー	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20		23:30	23:40	23:50	0:00
測定値(μSv/h)	393.9	389.2	385.9	382.9	379.6	375.9	373.6	371.2	368.9		3254.0	3256.0	3244.0	3229.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D		N.D	N.D	N.D	N.D
風向	南西	南西	西	西	南西	西	北	北西	西南西		西南西	南西	西南西	西南西
風速（m/ｓ）	0.5	0.7	0.5	0.5	0.4	0.4	0.3	0.4	0.3		2.8	1.2	1.2	1.4

3/19/2011 福島第一（１１

測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）

③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-

測定場所	①											③												
モニタリングカー	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50	4:00
測定値(μSv/h)	3224.0	3219.0	3231.0	3342.0	3284.0	3248.0	3279.0	3247.0	3195.0	3188.0	3181.0	313.7	312.2	311.1	310.0	309.1	308.6	306.9	306.0	305.1	304.3	303.6	303.1	301.7
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	西南西	南西	南西	西南西	西	西南西	西南西	西南西	西南西	南西	西南西	北	北	南	西南西	西南西	北北東	西北西	南西	南南東	東	南南東	西北西	東
風速（m/s）	1.4	1.2	1.1	0.9	1.4	1.3	1.3	1.3	1.4	1.6	1.3	3.0	0.3	0.3	0.6	0.3	0.4	0.6	0.7	0.7	0.7	0.9	0.6	0.6

③： 西門付近（MP-５付近）（2号機より西約１．１キロ） ※定点で測定するため移動

測定場所	③																							
モニタリングカー	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50	8:00
測定値(μSv/h)	301.3	300.5	299.2	299.2	298.5	297.5	296.4	295.8	295.1	295.4	294.3	293.8	293.6	292.6	292.3	291.5	290.9	290.6	289.8	289.1	288.9	288.6	287.2	399.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	西	西北西	南東	西	南	南	南	東	北西	東	南東	西	南東	東北東	東南東	南南東	東	北西	西	西	西南西	南西	南東	北北東
風速（m/s）	0.5	0.4	0.6	0.6	0.4	0.5	0.5	0.9	0.9	0.9	0.6	0.9	0.7	0.5	0.4	0.3	0.4	0.7	0.3	0.7	0.8	0.6	0.6	0.3

測定場所	③																					①		
モニタリングカー	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50	12:00
測定値(μSv/h)	830.8	670.6	431.9	390.5	522.5	364.5	336.5	323.8	425.2	657.3	358.3	346.1	341.2	338.4	334.3	330.2	327.1	322.6	319.8	315.1	313.1	3954.0	3901.0	3882.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	西北西	西北西	東	東北東	東北東	北東	東	東	東	東	南東	南東	南	南東	東	南南東	南南東	南西	西	西北西	南西	西北西	西	西
風速（m/s）	0.5	0.3	0.4	0.6	0.6	0.9	1.6	2.1	2.0	1.5	1.8	1.8	1.9	1.9	1.7	1.5	1.5	1.6	2.2	2.9	3.4	4.0	4.7	6.8

③→①： 事務本館北（2号機より北西約０．５キロ） ※放水活動による効果を測定するためにより近傍へ移動

測定場所	①																							
モニタリングカー	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50	16:00
測定値(μSv/h)	3828.0	3802.0	3749.0	3704.0	3655.0	3629.0	3594.0	3565.0	3529.0	3491.0	3473.0	3443.0	3417.0	3396.0	3375.0	3348.0	3340.0	3279.0	3281.0	3229.0	3194.0	3474.0	3167.0	3165.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	西	西北西	西	西南西	西南西	北西	西	北西	西	西	南南西	西	北東	西	北	南南西	南東	西	西	西	南西	南西	南	北西
風速（m/s）	5.7	5.6	5.7	5.9	6.1	4.2	3.7	5.3	4.3	5.1	4.9	5.8	3.4	4.6	4.9	3.1	2.6	4.9	4.6	3.4	3.8	4.6	3.9	2.4

測定場所	①																							
モニタリングカー	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50	20:00
測定値(μSv/h)	3137.0	3135.0	3126.0	3111.0	3089.0	3078.0	3071.0	3058.0	3051.0	3033.0	3024.0	3020.0	3007.0	3002.0	2998.0	2992.0	2978.0	2972.0	2965.0	2961.0	2957.0	2946.0	2941.0	2937.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	西	西	西南西	西南西	西	西	西	北西	西	西	西	西	西	西	西	西	西	西南西	西南西	西南西	西	西	西	西
風速（m/s）	4.8	5.0	4.5	6.1	5.1	5.7	4.5	4.1	3.3	3.8	3.5	3.6	2.7	2.8	4.1	3.5	4.4	4.1	3.2	2.7	2.8	2.7	2.2	2.6

測定場所	①

モニタリングカー	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50	0:00
測定値(μSv/h)	2931.0	2924.0	2917.0	2912.0	2909.0	2906.0	2906.0	2895.0	2891.0	2883.0	2880.0	2880.0	2876.0	2855.0	2854.0	2847.0	2844.0	2841.0	2836.0	2828.0	2828.0	2826.0	2823.0	2821.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	西	西	西	西	西	西	西	西	西	西	西北西	東北東	西南西	西	西	西北西	西	西	西北西	西	西北西	西北西	西	南西
風速（m/s）	3.1	2.6	2.5	2.6	3.1	3.4	3.4	2.3	1.8	2.0	2.2	1.2	0.8	1.0	2.0	1.4	1.8	2.5	2.4	2.4	2.9	2.5	2.8	4.5

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測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-

測定場所	①																							
モニタリングカー	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50	4:00
測定値(μSv/h)	2814.0	2808.0	2805.0	2803.0	2791.0	2797.0	2794.0	2793.0	2788.0	2785.0	2781.0	2778.0	2773.0	2771.0	2767.0	2764.0	2761.0	2759.0	2745.0	2745.0	2741.0	2758.0	3185.0	2939.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	南西	西	南西	西南西	西南西	北西	北西	西	北東	南西	西	南西	西北西	西	西	北西	北西	西北西	西南西	南東	北北東	西	南	西
風速（m/s）	3.7	2.8	3.5	3.0	3.4	4.6	3.2	3.0	2.9	2.1	2.5	1.8	2.1	1.6	1.8	1.5	2.3	2.1	1.0	1.1	1.0	1.1	1.0	0.9

測定場所	①			③							①													
モニタリングカー	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50	8:00
測定値(μSv/h)	2771.0	2743.0	2739.0	273.2	271.8	271.2	270.9	270.4	269.8	269.5	2683.1	2679.0	2679.0	2677.0	2670.0	2654.0	2664.0	2661.0	2661.0	2659.0	2652.0	2653.0	2637.0	2630.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北西	南	南西	北北西	北	北北西	西北西	北	北北東	北東	北	北東	北東	東北東	東北東	東北東	東	東北東	東南東	南南東	北東	北東	北	北東
風速（m/s）	0.5	0.8	0.8	3.5	1.6	1.5	1.5	0.7	0.6	0.6	2.2	0.6	0.7	0.9	0.8	0.6	0.9	1.1	0.6	0.6	0.6	0.8	0.9	1.3

①→③ 西門付近（MP-５付近）（2号機より西約１．１キロ） ※定点で測定するため移動
③→① 事務本館北（2号機より北西約０．５キロ） ※放水活動による効果を測定するためにより近傍へ移動

測定場所	①																							
モニタリングカー	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50	12:00
測定値(μSv/h)	2629.0	2627.0	2625.0	2619.0	2617.0	2614.0	2614.0	2608.0	2623.0	2661.0	2742.0	2726.0	2608.0	2605.0	2596.0	2589.0	2583.0	2579.0	2578.0	2569.0	2571.0	2562.0	2564.0	2559.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北東	北東	東	北北東	東北東	東	東北東	南東	東南東	南南東	北東	南南東	東	東	北東	東	北東	東北東	東北東	北東	東北東	北東	北東	東
風速（m/s）	1.3	1.5	1.3	1.5	1.4	1.2	1.2	1.0	1.0	1.5	1.2	1.2	1.1	1.2	1.3	0.7	1.3	1.4	1.8	1.5	1.4	1.2	1.3	1.3

測定場所	①																							
モニタリングカー	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50	16:00
測定値(μSv/h)	2558.0	2552.0	2551.0	2551.0	2550.0	2567.0	2588.0	2660.0	2593.0	2654.0	2741.0	2768.0	2999.0	2923.0	3056.0	3202.0	3346.0	3054.0	3071.0	3342.0	3337.0	3003.0	3046.0	3171.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	南	南東	南東	北東	南東	東	南東	南東	南東	南東	南東	南東	南	南東	南東	南南東	南	南南東	南	南	南	南	南南東	南
風速（m/s）	1.1	1.2	1.0	1.1	1.3	1.5	1.4	1.6	1.7	1.8	2.0	1.6	1.7	1.8	1.9	2.3	2.1	2.0	1.9	1.9	1.7	1.9	2.1	1.8

測定場所	①																							
モニタリングカー	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50	20:00
測定値(μSv/h)	2940.0	2851.0	2830.0	2960.0	2839.0	2773.0	2763.0	2758.0	2729.0	2715.0	2707.0	2693.0	2680.0	2673.0	2658.0	2651.0	2658.0	2623.0	2683.0	2614.0	2602.0	2595.0	2632.0	2828.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	南	南	南南西	南	南南西	南	南西	南南西	南東	南南西	南西	南南西	南	南	南西	西南西	北北東	西	西南西	南西	南西	北北西	北東	西
風速（m/s）	2.0	1.9	2.2	2.0	2.1	2.1	1.8	2.0	1.7	2.1	1.7	1.6	2.6	2.6	2.4	1.8	1.0	1.4	1.0	2.0	1.8	0.8	1.2	1.2

測定場所	①																							
モニタリングカー	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50	0:00
測定値(μSv/h)	2704.0	2682.0	2586.0	2552.0	2550.0	2542.0	2537.0	2532.0	2518.0	2517.0	2510.0	2506.0	2503.0	2492.0	2487.0	2485.0	2483.0	2475.0	2469.0	2462.0	2455.0	2457.0	2453.0	2452.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北東	北西	西	西北西	北西	西北西	西	西北西	西	西	西北西	西北西	北西	北西	西北西	北西	西	西北西	西北西	西	西北西	西	西	西
風速（m/s）	1.4	1.0	1.6	1.2	1.0	2.0	2.2	2.4	2.4	2.0	2.0	2.2	1.6	2.2	2.6	3.2	1.2	1.3	0.8	1.0	1.2	1.0	0.8	1.0

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測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）

③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-

測定場所	①																							
モニタリングカー	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50	4:00
測定値(μSv/h)	2449.0	2444.0	2439.0	2438.0	2433.0	2431.0	2429.0	2426.0	2421.0	2401.0	2398.0	2396.0	2392.0	2389.0	2385.0	2383.0	2380.0	2378.0	2375.0	2372.0	2370.0	2366.0	2364.0	2362.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	西北西	西	西	西北西	西北西	西北西	西	西	西	北西	北西	北西	西	北西	北西	北	西	東南東	西北西	西	北西	北西	西北西	西北西
風速（m/s）	1.3	0.9	0.8	0.9	1.0	1.0	0.8	0.6	0.5	0.7	0.8	0.5	0.9	0.8	1.0	1.0	0.6	0.5	0.8	0.8	0.7	0.7	1.1	0.8

測定場所	①																							
モニタリングカー	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50	8:00
測定値(μSv/h)	2356.0	2351.0	2350.0	2347.0	2345.0	2343.0	2341.0	2339.0	2336.0	2333.0	2330.0	2324.0	2326.0	2325.0	2319.0	2312.0	2293.0	2283.0	2271.0	2251.0	2232.0	2215.0	2200.0	2168.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北西	北西	西北西	西北西	西北西	西	東	東	東北東	東	東	北東	南西	南西	北東	東	東	北北東	北北東	西北西	北東	北西	西南西	西
風速（m/s）	0.6	1.1	1.3	1.6	0.9	0.7	0.7	0.8	0.7	1.0	1.4	1.2	1.1	0.9	1.6	1.4	1.2	1.0	0.8	0.7	0.8	0.8	0.9	1.2

測定場所	①																							
モニタリングカー	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50	12:00
測定値(μSv/h)	2161.0	2147.0	2140.0	2128.0	2126.0	2122.0	2120.0	2127.0	2114.0	2111.0	2108.0	2098.0	2100.0	2100.0	2100.0	2102.0	2105.0	2107.0	2107.0	2108.0	2110.0	2112.0	2113.0	2108.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北西	北西	北西	西	西	北	北東	西	西	北西	北西	北西	北西	西	北西	北西	北西	北西	北	南西	北	北東	東	北北東
風速（m/s）	1.0	0.8	0.7	0.7	1.7	4.6	5.0	3.0	2.0	4.4	4.1	2.1	2.6	2.0	1.4	1.5	1.0	0.9	0.8	1.2	1.5	1.7	1.5	1.1

測定場所	①																							
モニタリングカー	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50	16:00
測定値(μSv/h)	2112.0	2107.0	2111.0	2112.0	2110.0	2105.0	2103.0	2098.0	2092.0	2089.0	2068.0	2064.0	2053.0	2043.0	2039.0	2035.0	2029.0	2019.0	2019.0	2013.0	2013.0	2012.0	2013.0	2016.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	南東	北西	北西	北西	北	南西	東	北東	東	北東	北東	北東	北	北東	北東	北	北東	北	北	北東	北東	北東	北東	北
風速（m/s）	0.9	1.9	1.1	0.9	0.7	0.6	0.8	1.0	0.8	1.5	4.3	4.0	3.7	1.1	1.2	1.3	3.8	2.1	3.8	5.7	6.8	5.8	6.3	4.9

測定場所	①			④		MP-7付近	④																	
モニタリングカー	16:10	16:20	16:30	16:42	16:50	17:06	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50	20:00
測定値(μSv/h)	2013.0	2011.0	2015.0	1140.0	508.0	1292.0	-	-	729.0	494.3	1383.0	1757.0	1256.0	1428.0	1932.0	1499.0	1105.0	1201.0	823.6	700.1	587.3	503.9	496.2	493.5
中性子	N.D	N.D	N.D	N.D	N.D	N.D	-	-	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北東	北	北東	東	南	南西	-	-	東	南東	東南東	東北東	東北東	北北西	南東	南南東	西南西	西	西	西北西	西	西南西	西北西	南西
風速（m/s）	5.9	5.7	4.8	4.9	0.7	2.5	-	-	3.5	0.9	0.7	0.5	0.7	0.5	0.3	0.4	0.3	0.4	0.4	0.2	0.5	0.7	0.7	0.7

①→④ 正門付近前（MP-6付近）（2号機より西南西約１．０キロ） ※消防の依頼により移動

測定場所	④																						
モニタリングカー	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
測定値(μSv/h)	529.3	471.2	442.2	432.4	424.5	417.1	410.4	403.8	398.0	390.6	384.9	380.0	374.5	369.6	365.0	360.9	356.0	352.7	348.5	344.6	341.5	338.5	334.1
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	南	西南西	西北西	西北西	西北西	西	西南西	西北西	西	西	西	西北西	西	西北西	北西	南南西	南西	南	西	西北西	北西	西南西	西
風速（m/s）	0.3	0.4	0.4	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.6	0.6	0.3	0.2	0.3	0.4	0.5	0.5	0.7

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）

3/22/2011　福島第一（１１

③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-

測定場所	④																						
モニタリングカー	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
測定値(μSv/h)	331.8	329.3	327.5	325.8	323.9	320.8	314.8	313.0	311.3	308.9	308.4	305.9	304.5	303.2	301.3	299.7	298.0	296.2	294.9	293.8	293.6	291.6	291.1	290.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	南東	南西	西南西	西南西	西	西南西	西北西	西	西	西	西北西	西北西	西	西	西	西北西	西北西	北北西	北西	西北西	北西	西北西	西北西	西北西
風速（m/s）	0.4	0.4	0.4	0.4	0.3	0.4	0.6	0.5	0.4	0.7	0.8	1.0	1.1	1.3	1.1	0.8	1.0	1.0	0.9	1.0	0.9	0.9	0.8	0.8

測定場所	④																						
モニタリングカー	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:.00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
測定値(μSv/h)	288.9	288.1	287.0	286.0	283.6	280.1	273.9	271.0	268.0	267.4	265.8	265.3	264.6	264.3	265.5	263.7	262.6	262.1	261.9	261.8	261.7	261.6	261.2	261.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	西北西	西	北西	北北西	北	北西	北西	北西	西	北西	西	西	北	北西	西	西北西	西北西	北西	西北西	北西	西北西	北西	西北西	西北西
風速（m/s）	0.8	0.6	0.5	0.4	2.1	1.1	2.0	1.8	1.6	1.9	1.7	1.6	1.3	1.3	1.5	1.8	2.3	2.3	1.8	2.0	1.9	1.8	2.2	2.4

測定場所	④																						
モニタリングカー	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
測定値(μSv/h)	260.9	260.8	260.5	260.3	260.4	260.2	260.2	260.1	260.0	259.9	259.4	259.5	260.2	259.4	258.9	258.7	258.4	257.3	257.5	257.1	256.9	256.5	256.5	256.4
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	西北西	西	西	西	北西	西	西	北西	西北西	北西	西	西北西	西北西	北西	西北西	北西	北	北北西	北北西	北	北北西	西	北北西	北北西
風速（m/s）	1.8	1.4	1.5	1.4	1.2	1.1	1.5	1.3	1.1	1.5	1.7	1.8	1.8	1.3	1.4	1.5	1.5	1.6	1.7	2.2	1.3	1.7	1.5	2.3

測定場所	④																						
モニタリングカー	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
測定値(μSv/h)	256.3	256.0	256.1	256.3	255.6	255.8	255.6	255.7	255.2	254.8	254.8	254.5	254.6	254.3	254.4	254.3	244.3	254.4	254.1	255.3	265.7	277.5	265.2	258.8
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北	北	北	北西	北	北北西	北	北	北東	北北西	北	北	北西	北西	北	北	西北西	北	北東	北西	北	東南東	東	東
風速（m/s）	1.5	1.4	1.3	1.3	1.7	1.4	1.8	1.6	1.4	1.5	2.3	2.1	1.6	1.7	1.8	1.6	1.6	1.2	1.2	0.8	1.0	1.0	1.2	0.7

測定場所	④																							
モニタリングカー	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
測定値(μSv/h)	274.0	280.6	330.6	352.3	384.2	294.0	330.8	420.4	388.7	351.6	278.9	275.2	265.5	264.1	261.5	324.6	322.8	303.8	367.9	363.1	320.9	472.7	340.7	258.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	東	南西	南西	西	北北東	北	南東	南東	北	北東	北北西	西北西	西	西北西	北西	西	西	北北西	南西	南西	西南西	南西	西	西北西
風速（m/s）	0.7	0.7	0.6	0.6	0.6	0.6	0.4	0.4	0.2	0.4	0.5	0.6	0.9	0.6	0.4	0.6	0.3	0.5	0.3	0.5	0.4	0.5	0.6	0.9

測定場所	④																							
モニタリングカー	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
測定値(μSv/h)	254.1	253.4	252.5	251.5	250.5	249.1	246.1	244.4	242.8	241.0	240.6	239.5	239.3	237.0	237.4	236.2	235.7	235.8	235.9	235.9	235.5	234.8	234.1	233.8
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	西北西	西	西北西	北西	北西	西	西	南西	西	西	北西	西北西	西北西	西	西	西南西	西北西	西	西	西北西	西北西	西北西	西北西	北西
風速（m/s）	1.0	1.0	0.8	0.6	0.9	0.8	0.6	0.4	0.5	0.6	0.7	1.0	1.2	1.3	1.1	0.8	1.0	0.9	1.2	1.4	1.4	1.5	1.5	1.9

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）

3/23/2011　福島第一（１I

③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-

測定場所	④																							
モニタリングカー	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
測定値(μSv/h)	233.4	233.3	232.3	231.6	230.1	229.4	227.5	227.4	227.2	226.8	226.8	226.7	226.7	226.9	227.1	227.1	227.2	227.3	227.6	228.5	228.7	228.8	228.8	229.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北西	北西	北北西	西	北西	北東	北	北東	北北西	北北西	北北西	北	北	北	北西	北	北	北西	北北西	北	北北西	北北西	北	北西
風速（m/s）	1.8	1.8	2.6	4.3	2.5	5.5	2.4	6.5	6.0	4.2	3.4	3.3	3.2	2.8	2.8	2.9	3.0	3.1	2.9	2.2	2.3	2.3	2.6	2.2

測定場所	④																							
モニタリングカー	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
測定値(μSv/h)	229.1	229.1	229.4	229.3	229.5	229.5	229.5	229.3	229.6	229.5	229.5	229.7	229.6	229.6	229.4	229.6	229.5	229.5	229.3	229.5	229.3	229.5	229.0	229.3
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北	北西	北北西	北西	北北西	北	北	北	北北西	北西	北北西	北西	北北西	北北西	北西	北北西	北西	北北西	北北西	北北西	北北西	北北西	北	北
風速（m/s）	2.1	2.1	2.4	1.7	1.8	2.1	2.1	1.8	2.2	2.1	2.2	2.4	2.5	2.5	2.6	2.7	2.4	2.1	2.7	2.4	2.6	2.8	3.0	2.5

測定場所	④																							
モニタリングカー	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
測定値(μSv/h)	229.4	229.5	229.2	229.4	229.1	229.1	229.1	228.7	227.6	226.9	228.6	227.6	211.4	227.7	227.2	227.3	227.1	227.2	227.0	226.8	226.8	226.3	225.7	226.3
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北	北	北北西	北北西	北北西	北北西	北	北北東	北	北	北北東	北北東	北	北	北北東	北	北北西	北	北北西	北	北北東	北北東	北	北
風速（m/s）	3.1	3.2	3.5	3.9	4.4	3.1	3.5	3.3	2.9	3.4	2.5	3.1	2.6	2.7	3.1	2.9	2.9	3.1	3.0	2.6	2.5	2.1	2.2	1.5

測定場所	④																							
モニタリングカー	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
測定値(μSv/h)	225.2	226.0	224.8	224.9	224.7	224.8	225.4	224.8	225.7	224.1	223.7	222.7	222.4	231.1	435.0	288.7	309.7	267.8	265.4	396.0	415.6	414.7	401.6	318.4
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北北西	北北東	西	西	西北西	東	東	東南東	北	北	北東	北西	北	北東	東南東	東	東南東	東南東	北東	北	東	南南東	東南東	東南東
風速（m/s）	1.6	2.6	1.6	1.6	1.5	1.4	1.2	1.9	2.0	1.5	1.3	1.2	1.4	1.0	1.6	0.9	1.6	1.7	1.6	1.5	1.3	1.0	1.1	0.7

測定場所	④																							
モニタリングカー	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
測定値(μSv/h)	331.5	313.4	280.9	283.7	274.4	269.3	265.1	262.1	259.5	257.0	255.8	254.2	253.0	251.3	241.2	249.0	246.9	245.8	244.6	243.5	242.1	241.0	240.2	237.6
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	東	南	南東	南南西	南南東	南西	北	東	北北西	北西	西	西北西	北西	北北西	北	北西	北北西	北東	北	北	北	北北東	西	西南西
風速（m/s）	0.9	0.9	1.3	1.0	0.8	0.9	0.5	0.6	2.1	2.2	2.7	2.0	1.5	0.9	2.3	2.1	2.3	1.7	1.2	1.4	0.8	0.4	0.4	0.8

測定場所	④																							
モニタリングカー	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
測定値(μSv/h)	236.5	235.8	235.3	234.3	233.2	232.8	232.3	231.5	230.6	230.2	229.5	228.8	228.3	227.3	226.8	226.5	225.8	225.4	224.9	224.7	224.3	224.0	223.0	223.0
中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
風向	北北東	東	南西	南西	東	東	西南西	南東	南南東	南西	西	西南西	西	西	西	西	西北西	西北西	西	北西	西	西	南西	南東
風速（m/s）	0.2	0.2	0.3	0.3	0.5	0.3	0.3	0.5	0.3	0.4	0.4	0.4	0.5	0.4	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.4

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）

3/24/2011　福島第一（１Ｉ

③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		④																							
時間		0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MC	測定値(μSv/h)	222.3	222.0	221.8	221.5	221.7	221.0	220.6	220.4	220.0	219.7	219.2	219.2	218.9	218.7	217.5	217.2	216.8	216.6	216.6	216.5	216.2	215.5	215.7	215.4
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	本館南(μSv/h)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	正門(μSv/h)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	西門(μSv/h)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
風向		北西	南	北	西	西北西	西北西	西北西	西北西	北西	北	北西	西	西北西	西北西	西北西	西北西	西	西南西	西	西南西	南西	南西	西	西
風速（m/s）		0.3	0.4	0.5	1.2	1.3	1.4	1.6	1.6	1.3	0.8	0.6	0.8	1.3	1.7	1.6	1.2	1.0	0.5	1.0	0.9	0.6	0.7	0.9	1.0

測定場所		④																							
時間		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:.00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MC	測定値(μSv/h)	215.1	215.0	214.7	214.5	214.7	214.3	214.4	214.0	213.6	213.8	216.2	213.6	212.8	212.8	214.7	230.9	213.7	212.3	212.2	212.0	211.8	211.9	211.9	211.7

MC	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	本館南(μSv/h)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	正門(μSv/h)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	西門(μSv/h)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
風向		西北西	北	南	北	北北西	西	南東	南南東	南	東南東	南西	西	北	北	南南東	東南東	西南西	西北西	北西	西	西	南東	南	南
風速（m/s）		0.5	0.6	0.3	0.2	1.2	1.2	0.9	0.7	0.6	0.8	0.8	0.7	0.4	0.7	0.5	0.8	0.7	0.7	0.9	1.1	0.8	1.2	1.0	0.8

測定場所		④																							
時間		8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MC	測定値(μSv/h)	211.6	211.6	211.6	211.2	211.5	211.1	210.1	210.8	210.8	210.7	210.6	210.5	210.1	210.0	209.7	209.7	209.5	209.6	209.3	209.2	209.5	209.5	209.6	209.1
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	本館南(μSv/h)	—	—	—	—	—	—	2,710	—	—	2,830	—	—	3,410	—	—	3,390	—	—	3,710	—	3,520	—	3,440	—
	正門(μSv/h)	—	—	—	—	—	—	276	—	—	272	—	—	271	—	—	271	—	—	271	—	270	—	269	—
	西門(μSv/h)	—	—	—	—	—	—	126	—	—	126	—	—	123	—	—	124	—	—	122	—	122	—	123	—
風向		南西	南	南	南東	南東	南東	南東	東南東	南東	東南東	南南東	南東	南東	南東	南南東	東南東	南東	南東	南	南	東南東	南	東南東	南南東
風速（m/s）		0.8	1.2	1.2	1.7	1.7	1.5	1.8	2.5	2.2	2.5	2.3	2.2	2.6	2.7	2.4	2.7	2.4	2.8	2.5	2.8	2.7	2.5	2.7	2.9

3/24/2011

福島第一（１Ｉ

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		④														⑤			④						
時間		12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MC	測定値(μSv/h)	209.4	209.4	209.2	201.1	208.8	208.7	208.1	207.9	207.5	207.5	207.2	209.3	209.0	208.5	429.5	427.0	—	210.0	209.8	209.4	209.2	208.8	208.0	207.6
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	—	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	3,640	—	3,930	—	3,700	—	3,990	—	3,960	—	3,820	—	3,600	—	3,480	—	3,320	—	3,180	—	3,080	—	2,990	—
	⑦正門(μSv/h)	268	—	270	—	269	—	269	—	268	—	269	—	268	—	268	—	267	—	266	—	262	—	265	—
	③西門(μSv/h)	121	—	120	—	121	—	120	—	120	—	118	—	121	—	119	—	117	—	119	—	119	—	119	—
風向		南	南東	南東	南	南	東南東	南東	南	南	南東	南	南東	南東	南東	南	南	—	南	南東	南東	南	南	南	南
風速（m/s）		3.0	3.0	2.8	2.5	3.1	3.2	3.1	3.7	3.7	3.1	4.2	3.1	4.1	4.0	2.3	1.4	—	5.8	4.5	4.4	4.3	4.3	3.8	4.3

④→⑤→④　免震棟前（2号機より北西約０．５キロ）　※ダスト分析のため一時的に

測定場所		④																							
時間		16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MC	測定値(μSv/h)	207.4	207.3	207.1	207.0	206.9	206.5	206.4	206.3	206.1	206.0	205.6	205.3	204.6	204.9	204.7	204.5	204.4	204.4	204.3	204.2	203.9	203.5	203.0	202.9
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	2,830	—	2,720	—	2,630	—	2,510	—	2,420	—	2,350	—	2,290	—	—	2,190	—	—	2,110	—	—	2,040	—	—
	⑦正門(μSv/h)	262	—	262	—	263	—	258	—	261	—	257	—	258	—	—	261	—	—	258	—	—	257	—	—
	③西門(μSv/h)	119	—	120	—	117	—	117	—	118	—	118	—	119	—	—	119	—	—	118	—	—	119	—	—
風向		南東	南	南	南	南	南東	南東	南	南西	南	南	南	南	南南東	西	西南西	西	西	西南西	西	西北西	北西	西	西
風速（m/s）		4.5	4.0	3.6	4.3	3.2	2.5	1.8	1.7	1.3	1.3	1.7	1.4	1.3	1.0	0.5	0.6	0.6	0.8	1.0	0.7	1.0	1.3	1.4	1.4

測定場所		④																							
時間		20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MC	測定値(μSv/h)	202.9	202.6	202.5	202.4	202.4	202.2	202.0	202.0	201.7	201.4	201.3	201.3	201.2	201.1	201.2	200.5	200.6	200.4	200.2	199.9	200.0	199.8	199.8	199.6
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,980	—	—	1,930	—	—	1,880	—	—	1,850	—	—	1,820	—	—	1,780	—	—	1,760	—	—	1,740	—	—
	⑦正門(μSv/h)	256	—	—	258	—	—	255	—	—	255	—	—	257	—	—	257	—	—	254	—	—	255	—	—
	③西門(μSv/h)	119	—	—	120	—	—	120	—	—	120	—	—	119	—	—	117	—	—	117	—	—	121	—	—
風向		北西	西北西	西北西	西	西	西北西	北西	北西	北北西	北西	北	西	西北西	北北西	北西	西北西	西北西	北西	西北西	西北西	北西	北北西	北西	北西
風速（m/s）		0.8	0.7	1.6	0.9	0.7	1.2	1.2	1.0	0.8	0.4	0.8	0.6	0.7	0.5	0.9	1.5	1.2	1.0	1.6	1.5	1.1	1.3	0.9	0.9

3/25/2011

福島第一（１１

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		④																							
時間		0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MC	測定値(μSv/h)	199.5	199.3	199.0	199.0	198.9	198.8	198.6	197.7	197.0	196.9	196.5	196.5	196.5	196.4	196.3	196.1	195.9	195.8	195.7	195.7	195.6	195.6	195.5	195.1
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,720	—	—	1,710	—	—	1,680	—	—	1,670	—	—	1,660	—	—	1,660	—	—	1,640	—	—	1,630	—	—
	⑦正門(μSv/h)	252	—	—	253	—	—	252	—	—	252	—	—	252	—	—	252	—	—	250	—	—	251	—	—
	③西門(μSv/h)	119	—	—	118	—	—	118	—	—	119	—	—	120	—	—	120	—	—	118	—	—	115	—	—
風向		北西	西	西	西	北西	西北西	西	西南西	西	南西	南西	西	南東	南南西	北北西	西	西南西	西	西	西	西	北西	北西	北
風速（m/s）		1.3	0.8	0.8	0.5	0.8	0.7	1.0	0.7	0.5	0.5	0.6	0.6	0.5	0.5	0.7	0.5	0.5	0.7	1.0	1.0	0.8	1.8	1.1	1.0

測定場所		④																							
時間		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:.00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MC	測定値(μSv/h)	195.1	195.0	195.0	195.0	194.5	194.5	194.4	194.4	194.3	194.2	194.1	193.8	193.8	193.6	193.0	192.9	193.0	192.5	192.6	192.5	192.7	192.3	192.5	193.3
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,620	—	—	1,610	—	—	1,610	—	—	1,600	—	—	1,600	—	—	1,590	—	—	1,580	—	—	1,580	—	—
	⑦正門(μSv/h)	249	—	—	252	—	—	248	—	—	249	—	—	248	—	—	248	—	—	249	—	—	250	—	—
	③西門(μSv/h)	119	—	—	117	—	—	116	—	—	119	—	—	118	—	—	117	—	—	116	—	—	117	—	—
風向		西	北西	北西	北北西	北	北	西北西	北北西	北西	北西	北西	西北西	西北西	西北西	西北西	西北西	西	北西	西	北北西	北北西	北北西	北北西	北
風速（m/s）		0.8	1.7	1.2	1.1	0.9	0.8	0.9	0.8	0.9	0.9	1.8	1.6	1.5	1.0	1.1	0.9	1.0	1.1	0.9	0.9	0.8	1.1	1.3	1.2

測定場所		④																							
時間		8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MC	測定値(μSv/h)	193.8	193.9	193.3	196.3	196.3	192.8	192.6	192.3	192.5	193.7	191.7	204.2	216.2	203.2	430.8	540.0	286.5	264.7	259.0	255.2	250.9	248.6	244.3	240.0
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,570	—	—	1,560	—	—	1,530	—	—	1,520	—	—	1,510	—	—	1,510	—	—	1,590	—	—	1,570	—	—
	⑦正門(μSv/h)	249	—	—	250	—	—	251	—	—	247	—	—	267	—	—	528	—	—	334	—	—	320	—	—
	③西門(μSv/h)	115	—	—	116	—	—	115	—	—	115	—	—	115	—	—	126	—	—	263	—	—	235	—	—
風向		北北西	北	北	北	北東	北北東	北	北	北東	北	東	北東	東	東北東	東	東	東南東	東南東	東南東	南東	南東	東南東	南東	東
風速（m/s）		1.0	1.3	1.6	1.1	1.1	1.4	1.9	3.1	2.3	2.3	2.2	1.6	1.7	1.7	2.0	1.9	2.1	2.4	2.8	2.9	3.4	2.8	3.2	3.0

3/25/2011

福島第一（１！

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		④																								
時間		12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MC	測定値(μSv/h)	235.8	232.8	231.6	229.5	226.7	224.5	222.3	221.2	218.8	216.4	216.2	213.7	212.6	210.8	209.0	209.0	207.2	206.6	205.8	204.8	203.6	202.5	201.7	199.5
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,730	—	—	1,720	—	—	1,920	—	—	2,460	—	—	2,060	—	—	1,950	—	—	1,920	—	—	1,820	—	—
	⑦正門(μSv/h)	310	—	—	298	—	—	289	—	—	280	—	—	273	—	—	267	—	—	266	—	—	261	—	—
	③西門(μSv/h)	202	—	—	191	—	—	173	—	—	162	—	—	158	—	—	149	—	—	145	—	—	142	—	—
風向		南南東	南東	南東	南	東南東	南東	南東	南東	南東	南東	南東	南東	東	南	南南東	南東	東	南東	南東	東	南	南東	南東	南東
風速（m/s）		3.7	3.5	3.3	3.0	2.9	3.3	2.5	2.5	3.0	2.7	2.8	2.7	2.9	2.9	2.7	2.6	2.1	2.5	2.2	2.2	2.2	2.1	2.6	1.8

測定場所		④																								
時間		16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MC	測定値(μSv/h)	197.4	196.9	197.6	196.1	197.2	196.8	196.0	195.9	194.9	195.4	194.5	195.6	194.7	194.4	193.6	199.5	194.4	193.6	199.5	261.7	221.9	225.0	215.4	243.0
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,790	—	—	1,810	—	—	1,710	—	—	1,680	—	—	1,660	—	—	1,620	—	—	1,600	—	—	1,590	—	—
	⑦正門(μSv/h)	257	—	—	256	—	—	252	—	—	249	—	—	247	—	—	317	—	—	324	—	—	272	—	—
	③西門(μSv/h)	134	—	—	132	—	—	159	—	—	170	—	—	193	—	—	153	—	—	145	—	—	142	—	—
風向		南	東南東	南東	南東	南東	南	南東	南東	南東	東	東	東	東	東南東	東南東	南東	東南東	東南東	南東	北北東	東	東南東	南東	東
風速（m/s）		2.0	2.1	2.1	1.6	1.5	1.9	2.6	1.8	1.6	1.8	2.0	2.2	1.7	1.6	1.7	1.3	1.6	1.7	1.3	1.1	1.1	1.0	1.1	1.0

測定場所		④																								
時間		20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MC	測定値(μSv/h)	213.9	206.3	205.2	228.4	205.9	239.6	204.9	199.5	195.4	194.4	193.0	192.3	191.4	190.4	190.1	189.6	189.2	187.6	187.0	186.4	186.0	185.3	184.8	184.7
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,570	—	—	1,550	—	—	1,510	—	—	1,500	—	—	1,490	—	—	1,480	—	—	1,480	—	—	1,470	—	—
	⑦正門(μSv/h)	309	—	—	289	—	—	282	—	—	254	—	—	249	—	—	244	—	—	243	—	—	238	—	—
	③西門(μSv/h)	139	—	—	144	—	—	134	—	—	127	—	—	125	—	—	123	—	—	119	—	—	116	—	—
風向		東	南東	東南東	南東	北東	南東	北	北	北	北北東	北	北北西	北北西	北北西	北北西	北北西	北	北北西	北西	北西	北西	西	北西	北西
風速（m/s）		1.5	2.8	2.2	1.5	0.7	0.7	0.9	1.0	1.2	1.9	1.3	1.8	1.5	1.3	1.5	1.5	1.6	2.3	1.9	1.7	1.8	1.6	2.2	2.6

3/26/2011

福島第一（１１

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		④																							
時間		0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MC	測定値(μSv/h)	184.4	184.0	183.8	183.2	182.8	182.7	182.5	182.4	182.3	182.1	181.8	180.8	179.9	178.1	176.6	175.5	174.4	173.0	172.4	171.0	170.7	169.8	169.2	169.5
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,460	—	—	1,460	—	—	1,450	—	—	1,440	—	—	1,440	—	—	1,420	—	—	1,390	—	—	1,370	—	—
	⑦正門(μSv/h)	241	—	—	238	—	—	235	—	—	235	—	—	233	—	—	230	—	—	224	—	—	221	—	—
	③西門(μSv/h)	117	—	—	117	—	—	114	—	—	115	—	—	114	—	—	110	—	—	109	—	—	108	—	—
風向		北西	北西	西	北西	北北西	北北西	北西	北西	西	北西	北西	北西	北	北北西	北北西	北	北北西	北	北	北北西	北北西	北西	北西	北西
風速（m/s）		2.3	1.8	2.5	2.2	2.6	3.2	3.2	2.7	2.4	2.7	1.9	3.0	5.3	4.0	2.9	3.5	3.2	5.0	5.9	3.7	3.0	3.0	2.7	2.9

測定場所		④																							
時間		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:.00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MC	測定値(μSv/h)	169.2	169.1	168.1	167.8	167.1	167.1	166.9	167.1	167.4	167.6	167.8	168.0	169.0	168.0	168.3	169.2	169.6	169.7	169.5	169.0	169.8	170.0	169.9	170.1
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,370	—	—	1,360	—	—	1,360	—	—	1,370	—	—	1,370	—	—	1,380	—	—	1,370	—	—	1,380	—	—
	⑦正門(μSv/h)	219	—	—	217	—	—	218	—	—	217	—	—	221	—	—	221	—	—	219	—	—	219	—	—
	③西門(μSv/h)	107	—	—	105	—	—	105	—	—	105	—	—	108	—	—	105	—	—	106	—	—	105	—	—
風向		北西	北西	北西	北西	北西	北	北西	北	北北西	北西	北西	北西	北西	西北西	北西	北西	北北西	北西	西北西	西北西	北北西	北西	北	北北西
風速（m/s）		2.6	2.8	2.6	2.3	2.7	3.2	6.1	3.4	3.0	2.7	2.7	2.9	2.5	2.7	2.7	2.5	2.2	2.4	2.3	2.6	2.8	2.3	2.9	2.7

測定場所		④																				③			
時間		8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MC	測定値(μSv/h)	170.3	170.3	170.6	170.7	170.7	170.8	170.8	170.7	170.5	170.6	170.6	170.8	170.5	170.8	170.6	170.5	170.8	170.8	170.7	測定位置変更	146.7	146.7	146.6	146.9
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D		N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,380	—	—	1,370	—	—	1,370	—	—	1,360	—	—	1,350	—	—	1,350	—	—	1,340		—	1,350	—	—
	⑦正門(μSv/h)	220	—	—	221	—	—	221	—	—	222	—	—	221	—	—	222	—	—	221		—	220	—	—
	③西門(μSv/h)	107	—	—	106	—	—	105	—	—	104	—	—	103	—	—	欠測	—	—	欠測		—	欠測	—	—
風向		北	北北西	北北西	北北東	北北西	北北西	北北東	北北東	北西	北北西	北	北	北北西	北西	北西	北北西	北北西	西北西	北西		北西	北北西	西	西
風速（m/s）		2.6	2.7	3.5	3.4	2.9	3.0	3.0	3.1	2.8	2.4	2.6	2.5	2.6	2.5	3.9	4.4	3.5	3.8	5.1		2.9	2.6	2.9	3.5

3/26/2011

福島第一（１１

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																								
時間		12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MC	測定値(μSv/h)	146.8	146.8	146.8	146.6	146.8	146.8	146.7	146.7	146.7	146.6	147.2	147.0	146.9	146.9	146.8	146.7	146.7	146.6	146.6	146.2	146.4	146.0	146.0	146.0
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,330	—	—	1,340	—	—	1,340	—	—	1,330	—	—	1,320	—	—	1,320	—	—	1,310	—	—	1,300	—	—
	⑦正門(μSv/h)	221	—	—	222	—	—	220	—	—	221	—	—	222	—	—	220	—	—	217	—	—	218	—	—
	③西門(μSv/h)	欠測	—	—	欠測	—	—	欠測	—	—	欠測	—	—	欠測	—	—	欠測	—	—	欠測	—	—	98.7	—	—
風向		北	西	北西	西	北北西	北	北西	西	北北西	北西	西北西	北西	西北西	西	西北西	北西	北西	北西	北西	北西	北西	北西	北	西
風速（m/s）		2.4	3.7	3.8	4.5	3.4	3.4	3.4	4.3	3.4	3.1	3.4	3.3	3.6	3.5	3.8	3.0	2.6	2.2	2.4	2.4	3.5	2.8	2.6	1.9

測定場所		③																								
時間		16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MC	測定値(μSv/h)	145.9	145.8	145.8	145.5	145.4	145.4	145.3	145.2	145.2	145.0	145.0	144.6	144.5	144.7	144.4	143.9	144.1	144.2	143.9	143.8	143.5	143.5	143.3	143.4
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,300	—	—	1,300	—	—	1,290	—	—	1,300	—	—	1,290	—	—	1,300	—	—	1,310	—	—	1,300	—	—
	⑦正門(μSv/h)	218	—	—	217	—	—	216	—	—	215	—	—	215	—	—	214	—	—	214	—	—	213	—	—
	③西門(μSv/h)	98	—	—	98	—	—	100	—	—	98	—	—	100	—	—	99	—	—	98	—	—	100	—	—
風向		西北西	北北西	北西	西北西	北西	北西	北北西	西北西	北西	北西	北西	西北西	北西	北西	西北西	西北西	北西	北	北北東	北	北西	北北西	東	北北西
風速（m/s）		2.5	2.3	2.7	2.8	2.8	2.4	2.7	2.6	2.0	2.2	2.2	2.5	2.0	1.7	1.7	1.4	0.7	0.6	0.7	0.6	0.5	0.4	0.3	0.7

測定場所		③																								
時間		20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MC	測定値(μSv/h)	143.0	143.1	143.0	143.0	142.8	142.9	142.8	142.7	142.8	142.5	142.6	142.0	141.8	141.5	141.3	141.2	141.1	141.1	140.9	140.8	140.8	140.8	140.7	140.4
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,310	—	—	1,310	—	—	1,320	—	—	1,320	—	—	1,310	—	—	1,320	—	—	1,320	—	—	1,310	—	—
	⑦正門(μSv/h)	212	—	—	212	—	—	212	—	—	213	—	—	211	—	—	211	—	—	213	—	—	212	—	—
	③西門(μSv/h)	101	—	—	100	—	—	101	—	—	98.3	—	—	100	—	—	101	—	—	99.5	—	—	98.6	—	—
風向		西北西	西北西	西北西	西	西南西	西	西北西	西北西	西北西	西	西	西南西	西	北	北西	西南西	西	西	西北西	西北西	西	西北西	西北西	西北西
風速（m/s）		1.1	1.4	1.8	2.0	0.8	0.7	1.6	2.2	1.8	0.9	1.5	0.9	1.1	1.3	0.5	0.9	1.5	1.1	1.6	1.7	1.6	1.3	1.0	1.2

3/27/2011

福島第一（１１

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																								
時間		0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MC	測定値(μSv/h)	140.3	140.3	140.2	140.1	140.3	140.3	140.3	140.2	140.1	140.1	140.0	140.0	139.9	139.7	139.7	139.7	139.7	139.6	139.4	138.3	138.3	139.2	137.7	137.5
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,310	—	—	1,320	—	—	1,310	—	—	1,310	—	—	1,310	—	—	1,310	—	—	1,300	—	—	1,300	—	—
	⑦正門(μSv/h)	210	—	—	214	—	—	210	—	—	210	—	—	210	—	—	211	—	—	209	—	—	212	—	—
	③西門(μSv/h)	102	—	—	99.5	—	—	101	—	—	101	—	—	98.3	—	—	99.9	—	—	100	—	—	100	—	—
風向		北西	北西	北北西	北西	北西	北西	北西	北北西	北西	北西	北北東	西	南	西	西	北西	西	西北西	北西	西	北西	西	西	西
風速（m/s）		1.1	1.0	0.6	0.5	0.5	0.8	0.7	0.7	0.8	0.6	0.4	0.3	0.5	0.5	0.4	0.5	1.4	1.6	2.0	1.5	0.9	1.2	1.5	1.4

測定場所		③																							
時間		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MC	測定値(μSv/h)	137.5	137.5	137.4	137.5	137.4	137.3	137.1	137.2	136.9	137.0	136.7	136.7	136.6	136.6	136.6	136.2	136.4	136.2	136.3	136.2	136.1	136.0	136.0	135.8
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,300	—	—	1,310	—	—	1,300	—	—	1,290	—	—	1,290	—	—	1,280	—	—	1,290	—	—	1,280	—	—
	⑦正門(μSv/h)	208	—	—	208	—	—	211	—	—	208	—	—	209	—	—	210	—	—	209	—	—	211	—	—
	③西門(μSv/h)	99.8	—	—	99.2	—	—	98	—	—	98.4	—	—	98.9	—	—	97.8	—	—	98.6	—	—	98.4	—	—
風向		西	北西	南西	西	北西	北西	南	北	北東	北	北	北	東北東	北東	東北東	北北西	北西	北西	西北西	西南西	西北西	西北西	西	西
風速（m/s）		1.2	1.2	1.4	1.1	1.0	1.0	0.7	0.5	0.6	0.7	0.6	0.4	0.5	0.5	0.4	0.5	0.5	1.7	2.2	1.7	2.3	2.0	2.3	2.4

測定場所		③																							
時間		8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MC	測定値(μSv/h)	135.8	135.8	135.7	135.6	135.6	135.4	135.5	135.4	135.4	135.3	135.4	135.5	135.1	135.1	135.1	135.0	134.8	134.9	134.7	134.6	135.1	134.6	134.5	134.6
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,280	—	—	1,260	—	—	1,250	—	—	1,240	—	—	1,230	—	—	1,230	—	—	1,230	—	—	1,100	—	—
	⑦正門(μSv/h)	208	—	—	208	—	—	208	—	—	209	—	—	209	—	—	206	—	—	209	—	—	207	—	—
	③西門(μSv/h)	97.5	—	—	97.9	—	—	96	—	—	95	—	—	95.7	—	—	96.5	—	—	94.1	—	—	94.6	—	—
風向		北	西南西	西	西	北西	西	北	西	南西	西北西	北北西	西	西	西	西	北	北西	西	北東	西北西	北	北西	北北西	北西
風速（m/s）		2.0	1.8	2.5	2.0	1.8	2.1	2.0	2.1	2.2	1.8	1.8	0.5	1.3	1.9	1.3	1.7	1.9	1.7	1.2	1.5	1.8	1.8	2.0	1.9

3/27/2011

福島第一（１）

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																								
時間		12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MC	測定値(μSv/h)	134.6	134.6	134.4	134.3	134.4	134.0	134.0	134.0	133.9	133.8	133.6	133.6	133.4	133.2	133.2	133.1	133.1	133.0	132.8	132.9	132.8	132.8	132.6	132.5
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,210	—	—	1,200	1,200	1,200	1,200	1,200	1,200	1,190	1,190	1,190	1,190	1,190	1,200	1,190	1,200	1,190	1,190	—	—	1,190	—	—
	⑦正門(μSv/h)	205	—	—	207	209	209	204	205	205	203	205	205	206	204	205	201	203	204	203	—	—	203	—	—
	③西門(μSv/h)	94	—	—	94.8	92.2	93.1	93	92.9	92.6	92	90.7	92.9	90.8	92.2	91.6	91	91	93	92	—	—	92.9	—	—
風向		北西	北西	西北西	西北西	西	西北西	西北西	西北西	北西	西北西	西北西	西	西北西	西	西	西	西北西	西	西	北西	西北西	北西	北西	西北西
風速（m/s）		1.6	1.9	2.5	1.9	1.9	1.9	2.1	0.3	2.0	2.5	2.0	2.3	2.4	0.7	2.2	0.4	1.9	2.2	1.9	1.7	1.6	1.7	1.6	1.4

測定場所		③																								
時間		16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MC	測定値(μSv/h)	132.5	132.5	132.5	132.4	132.3	132.1	132.1	132.1	131.8	131.9	131.4	131.3	131.2	131.1	131.0	131.0	130.8	130.8	130.7	130.6	130.4	130.4	130.4	130.4
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,190	—	—	1,190	—	—	1,190	1,190	1,190	1,190	1,190	1,190	1,190	1,190	1,190	1,190	1,190	1,200	1,200	1,190	1,200	1,200	1,200	—
	⑦正門(μSv/h)	202	—	—	201	—	—	201	202	199	201	201	200	201	199	199	199	199	199	198	199	199	197	200	—
	③西門(μSv/h)	90	—	—	90.3	—	—	90.5	91.8	90.9	90.6	90.9	90.0	92.2	90.7	91.6	91	92.3	90.1	92.2	92.4	91.2	92.6	93	—
風向		西	西	西	西北西	西北西	西北西	北西	北西	西北西	西北西	西北西	北西	西北西	西	西南西	西北西	西	西南西	西	西北西	北西	北西	西北西	西南西
風速（m/s）		1.6	2.0	0.3	2.0	1.6	1.7	2.2	2.0	1.8	1.8	1.6	1.8	1.4	0.9	1.5	1.3	1.1	0.7	1.3	1.6	0.9	0.9	0.9	0.7

測定場所		③																								
時間		20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MC	測定値(μSv/h)	130.3	130.3	130.1	130.1	130.0	130.1	129.9	129.9	129.8	129.7	129.7	129.6	129.5	129.4	129.3	128.9	128.9	128.8	128.4	128.3	128.1	128.0	128.0	128.0
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,200	—	—	1,200	—	—	1,200	—	—	1,210	—	—	1,210	—	—	1,210	—	—	1,200	—	—	1,200	—	—
	⑦正門(μSv/h)	198	—	—	198	—	—	196	—	—	199	—	—	195	—	—	197	—	—	195	—	—	196	—	—
	③西門(μSv/h)	92.9	—	—	92.6	—	—	93	—	—	92	—	—	93	—	—	92	—	—	92	—	—	92	—	—
風向		西北西	西	西南西	西北西	北西	西	西北西	西	西北西	北西	北西	南	南南西	西北西	北北西	北西	北西	南西	北西	西南西	西	西北西	西南西	北西
風速（m/s）		0.7	0.6	0.3	0.3	0.3	0.8	0.9	0.8	1.1	0.7	0.6	0.8	0.7	0.5	0.6	0.4	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.4

3/28/2011

福島第一（１Ｉ

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																								
時間		0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MC	測定値(μSv/h)	128.0	127.9	127.8	127.0	127.7	127.6	127.5	127.3	127.3	127.3	127.3	127.1	127.1	127.0	126.9	126.9	126.8	126.8	126.7	126.4	126.5	126.4	126.1	126.3
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,200	—	—	1,210	—	—	1,210	—	—	1,200	—	—	1,200	—	—	1,200	—	—	1,200	—	—	1,190	—	—
	⑦正門(μSv/h)	195	—	—	198	—	—	198	—	—	194	—	—	197	—	—	197	—	—	195	—	—	195	—	—
	③西門(μSv/h)	91	—	—	94	—	—	93.1	—	—	93	—	—	91.9	—	—	93.5	—	—	93.3	—	—	91.9	—	—
風向		西	西	西南西	北西	南南東	北東	北	北西	北	西	北北東	北	北	北西	北西	北西	北	北	北	北	西	南	北西	北
風速（m/s）		0.3	0.5	0.8	0.6	0.4	0.6	0.3	0.4	0.4	0.4	0.4	0.7	0.5	0.4	0.8	1.0	0.7	0.6	0.6	0.4	0.3	0.4	0.4	0.3

測定場所		③																								
時間		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:.00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MC	測定値(μSv/h)	126.2	125.9	126.0	125.7	125.7	125.5	125.7	125.5	125.7	125.0	125.4	125.5	125.8	125.5	125.4	125.1	125.2	125.3	125.1	125.3	125.1	125.0	125.1	125.0
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,190	—	—	1,190	—	—	1,190	—	—	1,190	—	—	1,180	—	—	1,180	—	—	1,180	—	—	1,180	—	—
	⑦正門(μSv/h)	196	—	—	195	—	—	194	—	—	194	—	—	193	—	—	195	—	—	196	—	—	194	—	—
	③西門(μSv/h)	92.2	—	—	93.1	—	—	91	—	—	90.5	—	—	93.7	—	—	91.6	—	—	89.5	—	—	91.5	—	—
風向		西南西	西北西	南南西	西	北西	西	西	西	北北西	北北西	西	北西	西	北西	西	西	西南西	西南西	南南西	南	北西	西南西	北西	南
風速（m/s）		0.8	0.5	0.5	0.7	0.9	0.8	0.7	0.5	0.5	0.4	0.7	0.8	1.0	0.5	0.6	0.6	0.6	0.7	0.6	0.8	0.9	0.5	0.7	0.8

測定場所		③																								
時間		8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MC	測定値(μSv/h)	124.9	125.0	124.9	124.8	128.0	152.7	140.4	132.9	130.2	135.5	130.3	128.0	128.1	127.5	127.1	127.1	126.7	126.4	126.1	126.0	125.8	125.6	125.5	125.5
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,170	—	—	1,160	—	—	1,170	—	—	1,190	—	—	1,240	—	—	1,240	—	—	1,290	—	—	1,300	—	—
	⑦正門(μSv/h)	193	—	—	194	—	—	216	—	—	197	—	—	197	—	—	197	—	—	194	—	—	195	—	—
	③西門(μSv/h)	90.5	—	—	89.3	—	—	102	—	—	98.9	—	—	91	—	—	91.1	—	—	92.7	—	—	89.7	—	—
風向		西	北北西	北北西	北東	南	東	東	東	東	東	東南東	東北東	東北東	東	東	南南東	東	東	東	南東	南東	東南東	南東	東
風速（m/s）		0.8	0.9	0.8	0.7	0.6	1.8	1.7	0.9	1.8	2.3	2.8	3.2	2.6	1.8	2.2	1.9	3.7	3.7	2.6	2.6	2.8	2.3	2.3	3.8

3/28/2011

福島第一（１１

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																								
時間		12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MC	測定値(μSv/h)	125.4	125.4	125.2	125.1	125.0	124.9	124.7	124.7	124.6	124.3	123.9	124.0	123.8	123.7	123.5	123.4	123.2	123.3	123.1	123.0	123.0	122.8	122.8	122.6
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,300	—	—	1,310	—	—	1,290	—	—	1,250	—	—	1,250	—	—	1,280	—	—	1,260	—	—	1,290	—	—
	⑦正門(μSv/h)	195	—	—	192	—	—	192	—	—	191	—	—	188	—	—	191	—	—	191	—	—	188	—	—
	③西門(μSv/h)	88.7	—	—	87.1	—	—	87.0	—	—	86.9	—	—	87.2	—	—	86.9	—	—	85.4	—	—	85.4	—	—
風向		南南東	南東	東	東	東	東南東	東	南東	南西	南	東南東	北西	南	東南東	東	南	東	東	南	南東	南東	東	南	南南西
風速（m/s）		2.8	3.0	4.3	2.4	3.5	3.8	3.1	3.0	2.4	2.1	2.0	3.2	2.7	2.3	3.4	3.2	2.3	2.4	2.1	2.0	2.1	1.8	1.9	1.3

測定場所		③																								
時間		16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MC	測定値(μSv/h)	122.7	122.5	122.5	122.5	122.4	122.2	121.9	122.0	121.9	121.8	121.8	121.7	121.6	121.6	121.7	121.4	120.8	120.8	120.7	120.6	120.4	120.4	120.5	120.4
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,280	—	—	1,300	—	—	1,240	—	—	1,230	—	—	1,210	—	—	1,230	—	—	1,190	—	—	1,180	—	—
	⑦正門(μSv/h)	188	—	—	186	—	—	188	—	—	189	—	—	186	—	—	185	—	—	183	—	—	184	—	—
	③西門(μSv/h)	84.1	—	—	85.5	—	—	84.6	—	—	83.7	—	—	82.4	—	—	83.9	—	—	84	—	—	85	—	—
風向		東	東	南南東	南	東南東	東	南南東	東南東	南東	東	南西	南南西	西南西	南西	南南東	北	南	北西	西南西	南西	南西	北西	北西	西南西
風速（m/s）		1.7	1.9	2.3	1.3	1.6	1.2	1.9	0.9	1.2	0.8	0.6	0.6	0.5	0.4	0.3	0.5	0.3	0.6	0.5	0.4	0.7	0.6	0.5	0.7

測定場所		③																								
時間		20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MC	測定値(μSv/h)	120.4	120.3	120.0	120.1	118.6	120.0	120.0	119.9	120.0	119.9	118.1	119.7	119.6	118.1	119.6	118.0	117.8	118.0	117.8	117.9	117.8	117.6	117.8	117.7
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,180	—	—	1,170	—	—	1,170	—	—	1,160	—	—	1,160	—	—	1,160	—	—	1,150	—	—	1,150	—	—
	⑦正門(μSv/h)	183	—	—	185	—	—	183	—	—	182	—	—	182	—	—	181	—	—	180	—	—	181	—	—
	③西門(μSv/h)	84.4	—	—	85	—	—	85.4	—	—	84.7	—	—	85.4	—	—	85.5	—	—	85.5	—	—	83.7	—	—
風向		北西	北	西	西北西	南西	西	西南西	北西	西南西	西南西	西北西	西北西	西南西	西	西北西	西	西南西	西	西北西	西北西	西南西	南南西	西	北西
風速（m/s）		0.7	0.4	0.6	0.7	0.8	1.0	0.9	0.8	0.8	1.1	1.1	1.0	0.8	1.3	1.1	0.8	0.9	0.8	0.8	0.9	0.9	0.7	0.4	0.5

3/29/2011 福島第一（１１

測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																							
時間		0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MC	測定値(μSv/h)	117.8	117.7	117.7	117.5	117.5	117.5	117.5	117.4	117.4	117.3	117.2	117.1	117.2	117.1	116.9	116.7	116.7	116.8	116.6	116.5	116.4	116.4	116.3	116.3
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,150	—	—	1,140	—	—	1,150	—	—	1,150	—	—	1,150	—	—	1,140	—	—	1,130	—	—	1,130	—	—
	⑦正門(μSv/h)	181	—	—	182	—	—	180	—	—	182	—	—	180	—	—	182	—	—	182	—	—	180	—	—
	③西門(μSv/h)	85.4	—	—	85.5	—	—	85.4	—	—	85.0	—	—	83.7	—	—	85.4	—	—	85.0	—	—	85.3	—	—
風向		北西	北西	西北西	西北西	北西	北北西	北西	南西	南南東	南東	北西	北北西	北西	西	西北西	西北西	西	西	西	西	西	西南西	北西	西
風速（m/s）		0.6	0.7	0.6	0.5	0.3	0.3	0.4	0.4	0.4	0.3	0.4	0.6	0.5	1.0	1.2	1.2	1.1	1.0	0.9	1.0	1.2	1.0	0.8	0.5

測定場所		③																							
時間		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:.00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MC	測定値(μSv/h)	116.2	116.2	175.1	150.0	175.5	173.0	182.0	155.0	134.3	127.0	126.6	128.5	127.6	122.3	120.1	120.0	118.2	117.8	117.6	117.4	117.3	117.4	116.7	116.6
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,140	—	—	1,200	—	—	1,200	—	—	1,190	—	—	1,160	—	—	1,130	—	—	1,190	—	—	1,300	—	—
	⑦正門(μSv/h)	181	—	—	201	—	—	236	—	—	191	—	—	186	—	—	183	—	—	183	—	—	181	—	—
	③西門(μSv/h)	85.2	—	—	119	—	—	152	—	—	96.8	—	—	96.1	—	—	88.1	—	—	85.5	—	—	86.7	—	—
風向		西	北東	北	西	西	西	西南西	西	西	西	西南西	西	西	西南西	西	西	西	西南西	西南西	西南西	西北西	北北東	南東	南
風速（m/s）		0.6	0.4	0.3	0.3	0.4	0.6	0.8	0.8	0.8	0.7	0.8	0.9	0.8	1.0	0.7	0.8	0.8	0.5	0.5	0.4	0.2	0.4	0.6	1.0

測定場所		③																							
時間		8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MC	測定値(μSv/h)	132.7	134.7	128.2	130.3	183.8	140.2	137.8	131.9	130.3	129.6	127.8	127.0	126.6	126.1	128.7	130.6	128.1	127.9	125.4	124.9	124.0	123.3	123.2	122.7
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,250	—	—	1,160	—	—	1,190	—	—	1,230	—	—	1,260	—	—	1,200	—	—	1,190	—	—	1,270	—	—
	⑦正門(μSv/h)	181	—	—	180	—	—	180	—	—	180	—	—	182	—	—	180	—	—	179	—	—	180	—	—
	③西門(μSv/h)	101	—	—	99.5	—	—	101	—	—	96	—	—	92.9	—	—	95	—	—	90.6	—	—	89.3	—	—
風向		東南東	東	東	東南東	東	南東	東	東	東	南東	東南東	南東	南東	東	東	東	東	南東	東	東	東	南東	西南西	南西
風速（m/s）		0.8	1.3	1.9	1.8	2.3	2.1	1.8	2.0	3.1	2.5	2.7	2.4	2.1	1.7	3.2	3.8	3.0	3.1	3.0	1.9	2.5	2.0	1.5	2.5

3/29/2011

福島第一（１１

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																							
時間		12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MC	測定値(μSv/h)	122.5	121.8	121.4	120.8	120.5	120.4	120.2	118.5	119.4	118.0	117.7	117.5	117.2	116.7	116.9	116.5	116.4	116.1	116.0	115.8	117.6	137.8	119.5	117.5
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,170	－	－	1,150	－	－	1,130	－	－	1,120	－	－	1,130	－	－	1,130	－	－	1,220	－	－	1,210	－	－
	⑦正門(μSv/h)	177	－	－	178	－	－	177	－	－	178	－	－	177	－	－	176	－	－	175	－	－	175	－	－
	③西門(μSv/h)	86	－	－	85.6	－	－	84	－	－	84.8	－	－	82.6	－	－	81	－	－	82.8	－	－	98.8	－	－
風向		西南西	南西	西	西	西	西	北西	西	西	西	南南西	北北西	東	東	東南東	東南東	東	東南東	南南東	東	東	東	東南東	南東
風速（m/s）		2.8	2.6	2.8	2.7	2.5	3.3	3.4	2.8	2.4	2.2	2.0	1.6	2.6	2.0	2.3	1.5	1.5	1.7	1.5	1.9	2.5	2.7	2.8	2.5

測定場所																									
時間		16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MC	測定値(μSv/h)	117.5	126.2	121.4	127.9	123.1	119.9	121.5	119.9	118.1	117.7	117.7	117.5	117.1	120.1	118.1	120.2	117.4	116.4	116.0	115.9	115.7	115.4	115.3	115.1
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,180	－	－	1,130	－	－	1,160	－	－	1,170	－	－	1,160	－	－	1,110	－	－	1,110	－	－	1,110	－	－
	⑦正門(μSv/h)	174	－	－	194	－	－	175	－	－	176	－	－	173	－	－	177	－	－	172	－	－	171	－	－
	③西門(μSv/h)	82.4	－	－	90.3	－	－	83.9	－	－	83	－	－	84	－	－	85	－	－	82.2	－	－	81	－	－
風向		南東	東北東	東	東	東南東	東	東	東南東	東	東南東	東	東	東	北	北西	北西	西北西	西	西	北西	北西	西	西	北西
風速（m/s）		2.7	2.1	2.0	1.7	1.5	1.8	1.4	1.3	0.9	1.7	1.5	1.4	1.0	0.7	0.4	0.7	0.6	0.8	1.0	0.8	0.9	0.9	1.0	1.1

測定場所																									
時間		20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MC	測定値(μSv/h)	115.0	115.0	114.5	114.4	114.3	114.2	114.0	113.9	113.7	113.2	113.2	113.1	113.1	113.0	112.9	112.7	112.6	112.5	112.4	112.6	112.4	112.2	112.5	113.2
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,100	－	－	1,110	－	－	1,100	－	－	1,100	－	－	1,100	－	－	1,100	－	－	1,100	－	－	1,110	－	－
	⑦正門(μSv/h)	171	－	－	169	－	－	169	－	－	169	－	－	170	－	－	168	－	－	169	－	－	168	－	－
	③西門(μSv/h)	81.5	－	－	82	－	－	82.6	－	－	81.3	－	－	81	－	－	82	－	－	82	－	－	82	－	－
風向		北西	西	西	西南西	北西	西	北西	北西	北西	南西	南南西	西南西	西	西	北東	北	西	西北西	南西	南西	南東	南東	東	東
風速（m/s）		0.9	0.8	0.9	0.7	0.5	0.7	0.9	0.6	0.6	0.2	0.3	0.4	0.4	0.5	0.4	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.4	0.5

3/30/2011

福島第一（１１

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																							
時間		0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MC	測定値(μSv/h)	112.5	112.4	112.1	111.8	111.8	111.9	111.8	111.7	111.6	111.4	111.2	111.2	111.1	111.1	110.9	110.8	110.8	110.7	110.7	111.3	111.3	111.1	111.1	111.0
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,090	—	—	1,100	—	—	1,100	—	—	1,090	—	—	1,090	—	—	1,080	—	—	1,080	—	—	1,080	—	—
	⑦正門(μSv/h)	168	—	—	167	—	—	168	—	—	166	—	—	167	—	—	167	—	—	166	—	—	169	—	—
	③西門(μSv/h)	80.1	—	—	82.2	—	—	82.3	—	—	81.2	—	—	81.1	—	—	80.3	—	—	79.6	—	—	80	—	—
風向		北東	北東	東	北東	東	北西	北北西	北西	北西	北西	南西	南	南	南南東	南南東	西南西	北北西	西	北西	西	北	北西	西	北西
風速（m/s）		0.3	0.5	0.4	0.4	0.4	0.8	0.8	1.1	1.0	0.9	0.8	0.9	0.9	0.5	0.5	0.4	0.5	0.2	0.3	0.3	0.4	0.3	0.3	0.7

測定場所		③																							
時間		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:.00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MC	測定値(μSv/h)	110.9	110.8	110.8	110.8	110.6	110.6	110.6	110.6	110.4	110.3	110.2	110.1	110.2	110.3	110.1	109.9	109.8	110.0	110.0	109.8	109.9	109.9	109.7	109.8
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,080	—	—	1,080	—	—	1,080	—	—	1,080	—	—	1,080	—	—	1,070	—	—	1,070	—	—	1,070	—	—
	⑦正門(μSv/h)	165	—	—	167	—	—	166	—	—	167	—	—	163	—	—	166	—	—	165	—	—	167	—	—
	③西門(μSv/h)	82.4	—	—	80.7	—	—	80.1	—	—	80.7	—	—	80.1	—	—	78.3	—	—	78.8	—	—	78.6	—	—
風向		西	西	西南西	南西	南西	西南西	北北西	西	西南西	西	北北東	西北西	東北東	西	西南西	西南西	西北西	北西	西北西	西南西	西	西北西	北西	北北西
風速（m/s）		0.6	0.6	0.6	0.7	0.7	0.7	0.5	0.5	0.8	0.6	0.4	0.4	0.4	0.3	0.3	0.5	0.6	0.5	0.5	0.8	0.6	0.5	0.6	0.6

測定場所		③																							
時間		8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MC	測定値(μSv/h)	109.8	109.7	109.6	109.4	109.5	109.6	109.3	109.5	109.7	110.6	109.2	109.1	109.3	113.1	112.1	114.3	112.4	116.0	111.5	109.9	109.7	109.5	109.6	109.6
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,060	—	—	1,060	—	—	1,050	—	—	1,040	—	—	1,030	—	—	1,030	—	—	1,050	—	—	1,050	—	—
	⑦正門(μSv/h)	166	—	—	165	—	—	169	—	—	187	—	—	188	—	—	172	—	—	164	—	—	163	—	—
	③西門(μSv/h)	79.1	—	—	79.1	—	—	78.2	—	—	78.5	—	—	79.5	—	—	82.7	—	—	79.0	—	—	76.5	—	—
風向		西北西	北東	北	東北東	東	東南東	東	東	東	東	東	東	東	東	東	東	東	東	東	東南東	東南東	東南東	東南東	東南東
風速（m/s）		0.6	0.6	0.8	1.4	1.6	2.2	2.2	2.3	2.2	2.8	2.8	2.7	2.3	2.7	2.9	2.6	2.6	2.5	2.6	2.2	2.8	2.1	2.9	2.8

3/30/2011

福島第一（１Ｉ

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																							
時間		12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MC	測定値(μSv/h)	109.2	109.0	109.3	109.2	109.1	108.9	109.0	108.8	108.8	108.8	108.2	108.3	108.2	108.1	108.2	108.1	108.1	107.8	107.7	107.6	107.5	107.7	107.4	107.3
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,050	—	—	1,050	—	—	1,040	—	—	1,050	—	—	1,050	—	—	1,040	—	—	1,050	—	—	1,030	—	—
	⑦正門(μSv/h)	167	—	—	168	—	—	165	—	—	165	—	—	164	—	—	163	—	—	163	—	—	162	—	—
	③西門(μSv/h)	76.5	—	—	73.5	—	—	76.6	—	—	73.9	—	—	75.8	—	—	75.8	—	—	74.7	—	—	73.4	—	—
風向		東南東	東南東	東	東	東南東	東	東北東	南東	東	東	東	東	東	東	東南東	東	東	南東	東	東	南	南南西	南東	南東
風速（m/s）		2.8	2.4	2.9	3.2	2.8	2.5	2.1	2.3	2.5	2.9	3.0	3.4	3.4	3.1	2.2	2.4	2.6	2.4	2.4	1.3	1.0	1.1	1.0	1.2

測定場所		③																							
時間		16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MC	測定値(μSv/h)	107.3	107.1	107.1	106.9	106.8	107.7	106.7	106.8	106.8	106.7	106.4	106.5	106.7	106.6	106.5	106.3	106.2	106.3	106.1	105.9	105.8	105.5	105.3	106.4
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,010	—	—	1,020	—	—	1,020	—	—	1,030	—	—	1,060	—	—	1,060	—	—	1,050	—	—	1,050	—	—
	⑦正門(μSv/h)	162	—	—	163	—	—	159	—	—	160	—	—	159	—	—	159	—	—	158	—	—	156	—	—
	③西門(μSv/h)	75.6	—	—	73.7	—	—	72.9	—	—	74.2	—	—	73.7	—	—	74.2	—	—	74.9	—	—	75.1	—	—
風向		東	東南東	南	南	南東	西南西	南西	南南西	東	東	東	東南東	東南東	東	南東	南東	東	東南東	南西	南西	西南西	北西	西	北西
風速（m/s）		1.2	1.2	1.2	1.1	1.2	0.7	0.7	0.7	0.8	1.3	1.0	1.0	1.0	1.3	1.5	1.0	0.8	0.9	0.5	0.4	0.6	0.6	0.9	0.8

測定場所		③																							
時間		20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MC	測定値(μSv/h)	105.0	104.5	104.0	103.4	103.2	102.9	102.8	102.7	102.6	102.2	101.9	102.1	101.9	101.8	101.6	101.8	101.5	101.5	101.3	101.6	101.1	100.9	100.7	100.8
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	1,010	-	—	1,000	—	—	1,000	-	-	1,000	-	-	1,000	-	-	990	-	-	990	-	-	990	-	—
	⑦正門(μSv/h)	157	—	—	155	—	—	156	-	-	154	-	-	153	-	-	153	-	-	157	-	-	151	—	—
	③西門(μSv/h)	74.7	—	—	73.8	—	—	71.8	-	-	73	-	-	73.2	-	-	72.7	-	-	72.8	-	-	73.4	—	—
風向		西	北西	北西	北北西	北西	北東	北西	北北西	北北東	北東	南東	南東	北	南東	北東	東	西	北東	東南東	西	西	北東	西	東
風速（m/s）		0.8	0.8	0.6	0.5	0.7	0.3	0.3	0.5	0.4	0.3	0.2	0.3	0.3	0.3	0.8	0.6	0.4	5.4	0.9	0.4	0.5	1.9	3.9	5.4

3/31/2011 福島第一（１１

測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																							
時間		0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MC	測定値(μSv/h)	100.8	100.8	105.4	101.0	100.4	100.3	100.2	100.4	100.3	100.1	100.2	100.1	100.0	100.0	100.0	100.1	100.0	100.1	99.9	100.3	100.1	100.0	100.1	99.9
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	990	-	—	1,000	-	—	990	-	—	990	-	—	1,000	-	—	990	-	—	990	-	—	990	-	—
	⑦正門(μSv/h)	154	—	—	152	—	—	154	—	—	152	—	—	152	—	—	153	—	—	152	—	—	151	—	—
	③西門(μSv/h)	71.5	—	—	73.6	—	—	72.2	—	—	71.9	—	—	71.3	—	—	72.5	—	—	71.9	—	—	70.5	—	—
風向		北東	南東	南	北東	西北西	北東	北東	北東	北東	東	南南西	南南東	西南西	南南東	東北東	西南西	西北西	南	南西	北東	西南西	西北西	西	北東
風速（m/s）		3.9	0.9	2.8	4.3	1.6	4.0	5.8	5.9	6.0	2.1	0.5	0.5	0.8	0.9	0.9	1.8	2.2	3.6	2.2	4.7	4.3	1.8	0.6	0.3

測定場所		③																							
時間		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MC	測定値(μSv/h)	99.9	99.9	99.9	99.9	99.9	99.8	99.7	99.8	99.7	99.6	99.6	99.5	99.4	99.3	99.4	99.4	99.4	99.3	99.3	99.2	99.2	99.3	99.0	99.2
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	990	-	—	990	-	—	990	-	—	980	-	—	990	-	—	980	-	—	990	-	—	980	-	—
	⑦正門(μSv/h)	152	—	—	152	—	—	150	—	—	151	—	—	152	—	—	152	—	—	150	—	—	150	—	—
	③西門(μSv/h)	70.9	—	—	71.2	—	—	71.2	—	—	70.9	—	—	72	—	—	71.8	—	—	72.9	—	—	71.4	—	—
風向		西南西	西南西	北東	南南西	南西	北東	北東	北東	北東	北東	北東	北東	西南西	北東	北東	北東	西	北西	西	西	西	北西	北西	西
風速（m/s）		3.4	0.5	0.7	2.4	0.4	2.4	0.7	4.3	5.6	5.7	5.5	3.9	2.2	3.0	2.1	4.9	1.5	0.7	0.6	0.5	0.9	0.5	0.5	1.0

測定場所		③																							
時間		8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MC	測定値(μSv/h)	99.0	99.0	98.9	98.7	98.4	98.4	98.5	98.6	98.6	98.6	98.4	98.7	98.5	98.4	99.9	98.6	100.0	100.9	98.7	98.5	100.6	98.6	98.4	98.3
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	980	-	—	980	—	—	970	—	—	970	—	—	970	—	—	960	—	—	960	—	—	950	—	—
	⑦正門(μSv/h)	150	—	—	150	—	—	149	—	—	149	—	—	151	—	—	160	—	—	158	—	—	159	—	—
	③西門(μSv/h)	72.1	—	—	69.6	—	—	71	—	—	72.9	—	—	70	—	—	70.1	—	—	72.4	—	—	72.5	—	—
風向		北	北北西	西	北東	西	北	北	北西	北西	北西	北西	北北西	北西	西北西	北北東	東	東	東	東	東	東	東	東	東北東
風速（m/s）		0.9	0.7	1.5	1.1	1.6	1.0	0.9	1.2	1.0	0.7	0.7	0.7	0.7	9.0	1.5	1.8	0.5	2.9	3.1	2.9	3.7	3.6	3.3	2.5

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）

3/31/2011　福島第一（１

③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																								
時間		12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MC	測定値(μSv/h)	98.9	98.1	97.9	97.7	98.7	97.9	97.7	100.8	100.5	99.2	99.6	97.6	99.9	97.6	96.8	96.5	96.5	96.6	96.5	96.7	96.7	96.9	98.1	99.1
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	950	-	—	940	-	—	940	-	—	940	-	—	940	-	—	930	-	—	930	-	—	930	-	—
	⑦正門(μSv/h)	155	—	—	155	—	—	162	—	—	157	—	—	157	—	—	153	—	—	150	—	—	151	—	—
	③西門(μSv/h)	70.3	—	—	70.8	—	—	68.8	—	—	72.0	—	—	69.3	—	—	69.4	—	—	69.7	—	—	69.6	—	—
風向		東	北東	北	東	東	東	東	東	北東	北東	南東	南東	東	北北東	南東	東	西	南西	北西	東	北北東	東	東	東
風速（m/s）		2.3	1.3	1.0	1.8	1.7	1.8	2.3	2.5	2.7	2.3	2.6	2.3	2.0	1.4	0.8	0.6	0.5	0.7	0.7	0.5	0.6	0.5	1.2	0.8

測定場所		③																								
時間		16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MC	測定値(μSv/h)	107.0	108.2	98.6	98.0	98.1	97.9	97.7	97.6	97.6	97.3	97.2	97.0	97.0	96.9	96.8	96.7	96.5	96.5	96.3	96.4	96.3	96.1	96.3	96.1
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	950	-	—	930	-	—	930	-	—	930	-	—	930	-	—	930	-	—	940	-	—	940	-	—
	⑦正門(μSv/h)	154	—	—	164	—	—	154	—	—	150	—	—	151	—	—	149	—	—	148	—	—	148	—	—
	③西門(μSv/h)	82.8	—	—	71.5	—	—	70	—	—	69.4	—	—	68.3	—	—	70.1	—	—	67.8	—	—	68.4	—	—
風向		南東	東	南東	東	東	東	北東	北	北西	西南西	東	北東	南西	西北西	北北東	北北西	北西	西	西	西	北西	北西	西北西	北西
風速（m/s）		1.5	1.8	1.8	1.0	1.5	0.9	0.7	0.4	0.5	0.5	0.4	0.6	0.5	0.7	0.7	0.3	0.4	0.7	0.3	0.6	0.8	0.7	1.0	1.2

測定場所		③																								
時間		20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MC	測定値(μSv/h)	96.2	96.2	96.0	95.9	95.9	95.7	95.7	95.6	95.4	95.3	95.3	95.3	95.2	95.3	95.0	94.9	95.1	94.8	94.8	94.8	94.7	94.7	94.6	94.7
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	940	-	—	940	-	—	940	-	—	940	-	—	940	-	—	940	-	—	940	-	—	940	-	—
	⑦正門(μSv/h)	148	—	—	148	—	—	148	—	—	148	—	—	148	—	—	146	—	—	148	—	—	145	—	—
	③西門(μSv/h)	70.9	—	—	70.6	—	—	69.9	—	—	70.5	—	—	69.6	—	—	72.1	—	—	69.9	—	—	69.9	—	—
風向		北西	西北西	北西	北西	北東	北西	北北東	西	北西	北西	北西	北北西	西	北西	西	西	西	西	西南西	北西	西	西	西	西
風速（m/s）		1.1	1.4	1.3	0.9	0.8	0.8	0.5	0.3	0.3	0.4	0.4	0.2	0.4	0.5	0.7	1.0	0.7	0.7	0.8	0.8	0.5	0.4	0.5	0.7

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測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																							
時間		0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MC	測定値(μSv/h)	94.3	94.3	94.2	94.1	94.1	94.1	93.9	93.9	93.9	93.9	98.9	93.7	93.7	93.8	93.7	93.4	93.5	93.4	93.3	93.3	93.3	93.4	93.3	93.2
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	940	-	—	940	-	—	940	-	—	940	-	—	940	-	—	940	-	—	940	-	—	940	-	—
	⑦正門(μSv/h)	145	—	—	145	—	—	145	—	—	145	—	—	146	—	—	146	—	—	145	—	—	146	—	—
	③西門(μSv/h)	69.3	—	—	68.9	—	—	68.6	—	—	68.7	—	—	68.8	—	—	68.7	—	—	68	—	—	68.3	—	—
風向		北西	西北西	西	北西	西	西	北西	西北西	西	北西	西	北西	西北西	西北西	西	北西	北西	北西	西北西	北西	西	西	西	西北西
風速（m/s）		0.6	0.7	0.8	0.4	0.6	0.6	0.8	0.8	0.8	0.5	0.8	0.7	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.6	0.6	0.8

測定場所		③																							
時間		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:.00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MC	測定値(μSv/h)	93.1	93.0	93.0	93.1	92.8	92.9	92.8	92.8	92.7	92.5	92.4	92.3	92.3	92.4	92.4	92.3	92.2	92.2	92.3	92.3	92.3	92.2	92.2	92.2
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	940	-	—	940	-	—	930	-	—	930	-	—	930	-	—	930	-	—	930	-	—	930	-	—
	⑦正門(μSv/h)	145	—	—	145	—	—	144	—	—	144	—	—	146	—	—	146	—	—	145	—	—	143	—	—
	③西門(μSv/h)	70	—	—	68.4	—	—	68.8	—	—	69	—	—	69.9	—	—	69	—	—	68.8	—	—	68.2	—	—
風向		西	西	西	西	西	西	西	西	西	西	西	西	西南西	西北西	西	西	西南西	西北西	西北西	北西	北北西	北北西	西	南西
風速（m/s）		0.8	0.7	0.7	0.6	0.6	0.7	0.7	0.8	0.7	0.7	0.8	0.8	0.7	0.9	1.0	0.8	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.4

測定場所		③																							
時間		8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MC	測定値(μSv/h)	97.6	96.8	99.6	98.6	95.1	94.3	94.5	94.5	94.5	96.9	94.1	93.5	93.5	93.6	93.3	93.1	92.9	92.9	92.5	92.4	92.8	92.3	92.3	92.3
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	930	-	-	920	-	-	910	-	-	910	-	-	910	-	-	920	-	-	910	-	-	910	-	-
	⑦正門(μSv/h)	145	-	-	145	-	-	150	-	-	148	-	-	146	-	-	145	-	-	145	-	-	146	-	-
	③西門(μSv/h)	68.5	-	-	76.6	-	-	70.8	-	-	71.9	-	-	67.2	-	-	67.2	-	-	66.7	-	-	67.5	-	-
風向		東	南東	東	東南東	東	東	東	東	東	東	南東	東南東	東南東	東	東	南南東	東	東南東	東	東	東南東	南	南	南
風速（m/s）		1.6	1.7	2.3	2.5	2.2	2.5	2.6	3.1	3.1	3.0	3.1	3.0	2.2	2.6	3.2	3.0	2.8	2.4	2.4	3.0	2.2	1.7	2.4	2.2

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測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																							
時間		12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MC	測定値(μSv/h)	92.3	92.3	92.3	92.1	92.1	92.0	92.0	91.9	91.9	91.6	91.8	91.6	91.6	91.5	91.4	91.4	91.3	91.3	91.2	91.2	91.2	91.1	91.1	91.0
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	890	-	-	900	-	-	900	-	-	900	-	-	910	-	-	900	-	-	910	-	-	900	-	-
	⑦正門(μSv/h)	145	-	-	147	-	-	145	-	-	145	-	-	143	-	-	144	-	-	144	-	-	143	-	-
	③西門(μSv/h)	67.4	-	-	65.2	-	-	65.8	-	-	65.5	-	-	65.2	-	-	64	-	-	64.5	-	-	64.6	-	-
風向		東	東	南東	東南東	東南東	東	東	東	東南東	東南東	東	東	南南東	東	南東	南東	東南東	南東	東	東	東南東	東南東	南東	南東
風速（m/s）		2.2	2.2	2.6	2.6	2.6	3.3	3.2	3.6	3.3	3.8	3.0	3.7	2.2	2.5	3.3	2.6	2.8	2.8	2.7	3.0	2.2	2.4	2.2	2.0

測定場所		③																							
時間		16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MC	測定値(μSv/h)	90.9	91.0	90.9	90.9	90.7	90.7	90.7	90.7	90.6	90.5	90.4	90.4	90.3	90.2	90.2	90.1	90.2	90.0	90.0	89.9	89.9	89.9	89.9	89.8
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	900	-	-	890	-	-	900	-	-	890	-	-	890	-	-	890	-	-	890	-	-	900	-	-
	⑦正門(μSv/h)	142	-	-	142	-	-	142	-	-	138	-	-	141	-	-	141	-	-	141	-	-	140	-	-
	③西門(μSv/h)	63	-	-	63.8	-	-	63.3	-	-	63.6	-	-	63.9	-	-	62.3	-	-	63.8	-	-	64.3	-	-
風向		南東	南東	東南東	南東	南	南南西	南東	南東	南南東	南南東	南南東	南南西	南	南	東南東	南	南南西	南東	南南東	南	南	南西	東南東	南西
風速（m/s）		1.8	1.9	1.9	1.9	1.4	1.4	1.6	1.2	1.5	1.6	1.5	1.4	1.4	1.6	1.2	1.1	1.0	0.9	0.7	1.1	1.0	1.1	0.9	0.8

測定場所		③																							
時間		20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MC	測定値(μSv/h)	89.6	89.6	89.6	89.5	89.3	89.4	89.4	89.3	89.0	89.1	89.2	89.0	89.1	89.0	88.9	89.0	89.0	88.9	89.0	88.9	88.8	88.7	88.9	88.8
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	890	-	-	890	-	-	900	-	-	900	-	-	890	-	-	900	-	-	900	-	-	900	-	-
	⑦正門(μSv/h)	139	-	-	137	-	-	138	-	-	138	-	-	138	-	-	139	-	-	137	-	-	137	-	-
	③西門(μSv/h)	64.7	-	-	63.9	-	-	63.5	-	-	63.8	-	-	63.1	-	-	64.2	-	-	64.2	-	-	64.1	-	-
風向		南	南南西	南西	北北東	南	南南東	南西	西南西	西南西	南	西南西	西	西	北西	南東	南	南東	北西	北東	北	東南東	東	南	南西
風速（m/s）		0.6	0.8	0.5	0.6	0.6	0.6	0.6	0.5	0.6	0.4	0.4	0.5	0.6	0.6	0.4	0.4	0.7	0.7	0.8	0.5	0.6	0.8	1.0	1.1

モニタリングポスト（１５：００時点）

※１日１回測定値を確認

測定場所	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8
測定値（μSv/h）	19	59	69	68	150	210	390	300

4/2/2011

福島第一（１１

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																							
時間		0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MC	測定値(μSv/h)	88.8	88.5	88.5	88.5	88.4	88.3	88.3	88.1	88.2	88.2	88.1	88.0	88.0	88.0	87.9	87.7	87.8	87.8	87.6	87.7	87.5	87.5	87.5	87.5
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	890	-	-	900	-	-	890	-	-	890	-	-	890	-	-	880	-	-	880	-	-	890	-	-
	⑦正門(μSv/h)	138	-	-	137	-	-	138	-	-	137	-	-	137	-	-	136	-	-	138	-	-	137	-	-
	③西門(μSv/h)	64.1	-	-	64.1	-	-	64	-	-	64.1	-	-	63.4	-	-	63.5	-	-	63.2	-	-	63.2	-	-
風向		西南西	西	東南東	西南西	西	南西	東	西	西南西	北西	北西	北	北西	北	北西	南東	東北東	北西	西北西	西北西	西	西北西	西北西	西北西
風速（m/s）		1.0	1.3	0.9	1.1	0.9	0.8	0.9	0.9	1.1	0.6	0.8	0.8	0.4	0.5	0.7	0.5	0.7	0.7	0.6	0.6	0.7	0.6	0.9	0.9

測定場所		③																							
時間		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MC	測定値(μSv/h)	87.7	87.5	87.5	87.5	87.5	87.4	87.3	87.3	87.2	87.0	87.1	86.9	86.9	87.0	86.9	86.9	86.9	86.9	86.9	87.0	86.7	86.7	86.7	86.6
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	890	-	-	890	-	-	890	-	-	890	-	-	880	-	-	880	-	-	880	-	-	880	-	-
	⑦正門(μSv/h)	136	-	-	138	-	-	136	-	-	135	-	-	136	-	-	135	-	-	135	-	-	135	-	-
	③西門(μSv/h)	63.3	-	-	63.4	-	-	63.1	-	-	62.9	-	-	63.2	-	-	62.9	-	-	62.9	-	-	62.7	-	-
風向		西南西	南西	西北西	西北西	南	南	南南東	西	西	西	西北西	西南西	西	南	西北西	北	西北西	北	北	北西	西	西	西北西	北西
風速（m/s）		0.9	0.6	0.5	0.4	0.7	0.9	0.7	0.9	0.9	1.0	0.8	1.0	0.7	0.5	0.5	0.4	1.0	1.1	1.0	1.0	1.0	1.1	2.0	1.6

測定場所		③																							
時間		8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MC	測定値(μSv/h)	86.5	86.4	86.5	86.3	86.4	86.4	86.3	86.3	86.2	86.1	86.1	86.0	86.0	86.0	85.9	85.9	85.8	85.8	85.8	85.8	85.7	85.8	85.6	85.6
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	880	-	-	870	-	-	870	-	-	870	-	-	860	-	-	860	-	-	860	-	-	860	-	-
	⑦正門(μSv/h)	137	-	-	133	-	-	135	-	-	133	-	-	132	-	-	136	-	-	134	-	-	134	-	-
	③西門(μSv/h)	62.4	-	-	62.4	-	-	62.1	-	-	61.7	-	-	61.5	-	-	61.4	-	-	61.4	-	-	61	-	-
風向		西	西	北西	西	北西	西	西	西	西	北西	西	北西	西	西	西	西	西	北西	西	北北西	西	西	西北西	西北西
風速（m/s）		2.8	1.9	2.3	2.4	2.8	2.9	3.2	3.1	3.1	2.7	2.2	1.9	1.4	1.6	1.2	1.7	1.7	2.4	2.4	1.9	2.2	2.6	2.7	2.5

4/2/2011 福島第一（１Ｉ

測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																							
時間		12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MC	測定値(μSv/h)	86.0	85.3	85.3	85.0	85.0	85.1	85.0	85.1	85.1	85.1	84.9	85.0	84.8	84.8	84.4	84.7	84.4	84.4	84.4	84.5	84.3	84.2	84.1	84.3
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	850	-	-	850	-	-	840	-	-	840	-	-	840	-	-	840	-	-	830	-	-	830	-	-
	⑦正門(μSv/h)	133	-	-	133	-	-	132	-	-	132	-	-	132	-	-	131	-	-	131	-	-	131	-	-
	③西門(μSv/h)	60.7	-	-	60.4	-	-	60.4	-	-	60.0	-	-	59.9	-	-	59.7	-	-	59.2	-	-	59.1	-	-
風向		西	北西	西北西	北西	北西	北西	北東	西	北西	西南西	西	北北西	北西	西	北西	北西	西北西	西北西	北北西	北西	西	西	南西	西
風速（m/s）		3.1	2.9	3.0	2.6	2.3	2.2	2.9	3.0	2.9	3.2	3.3	3.6	2.5	3.2	4.4	3.6	4.7	4.3	3.6	3.8	4.2	3.9	4.2	3.5

測定場所		③																							
時間		16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MC	測定値(μSv/h)	84.0	84.1	83.9	84.0	83.8	83.8	83.8	83.8	83.5	83.5	83.6	83.4	83.8	83.8	83.1	83.2	83.0	83.1	83.0	82.8	83.1	83.0	83.0	83.1
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	830	-	-	830	-	-	820	-	-	830	-	-	830	-	-	830	-	-	830	-	-	840	-	-
	⑦正門(μSv/h)	131	-	-	131	-	-	131	-	-	130	-	-	130	-	-	129	-	-	129	-	-	128	-	-
	③西門(μSv/h)	59.0	-	-	59.1	-	-	58.9	-	-	59.0	-	-	59.0	-	-	59.2	-	-	59.1	-	-	59.2	-	-
風向		西北西	西	北西	西北西	北北西	北北西	西	西	西南西	北西	北北西	西北西	北西	北西	北西	西北西	北西	北北西	西北西	北北西	西	北西	北西	北北西
風速（m/s）		4.1	3.0	4.1	3.3	3.8	3.1	2.6	2.4	3.3	2.4	2.0	3.0	2.4	2.5	2.5	1.9	1.9	2.5	3.0	2.8	2.5	2.5	2.0	2.7

測定場所		③																							
時間		20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MC	測定値(μSv/h)	82.9	82.8	82.8	82.6	82.8	82.7	82.5	82.4	82.3	82.4	82.4	82.3	82.3	82.3	82.2	82.1	82.1	82.1	82.1	82.0	82.1	82.0	82.0	81.9
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	840	-	-	840	-	-	840	-	-	840	-	-	840	-	-	840	-	-	840	-	-	840	-	-
	⑦正門(μSv/h)	129	-	-	131	-	-	129	-	-	129	-	-	129	-	-	128	-	-	129	-	-	127	-	-
	③西門(μSv/h)	59.5	-	-	59.6	-	-	59.5	-	-	59.8	-	-	59.8	-	-	59.6	-	-	59.8	-	-	60	-	-
風向		北西	北西	北西	北北西	西北西	北北西	西	北西	北西	北北西	北西	西	北西	西北西	北西	北北西	西北西	西南西	西北西	北西	北西	北北西	北西	北北西
風速（m/s）		2.0	2.6	2.7	3.2	2.9	3.6	3.0	2.6	2.5	2.5	2.2	1.7	1.6	1.0	1.3	1.9	2.0	1.7	2.8	2.3	2.1	1.4	1.3	1.2

モニタリングポスト（１５：００時点）

※１日１回測定値を確認

測定場所	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8
測定値（μSv/h）	18	56	61	62	130	200	370	280

4/3/2011 福島第一（１１

測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																								
時間		0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MC	測定値(μSv/h)	81.6	81.9	81.8	81.6	81.5	81.5	81.4	81.4	81.6	81.4	81.1	81.2	81.2	81.2	81.1	81.3	81.1	81.0	81.0	80.9	80.9	80.9	80.8	80.7
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	840	-	-	840	-	-	840	-	-	840	-	-	840	-	-	840	-	-	840	-	-	840	-	-
	⑦正門(μSv/h)	128	-	-	128	-	-	127	-	-	128	-	-	127	-	-	127	-	-	128	-	-	127	-	-
	③西門(μSv/h)	59.9	-	-	59.5	-	-	59.8	-	-	59.5	-	-	59.7	-	-	59.8	-	-	59.6	-	-	59.5	-	-
風向		北北西	北西	北北西	北東	北北東	北北東	東北東	北	西	北北西	北東	北北東	西北西	西北西	北北東	北北西	西北西	北北西	北西	北北西	北西	西	西北西	西
風速（m/s）		1.8	1.1	1.1	0.9	1.0	1.8	0.6	0.9	0.9	0.8	0.7	0.4	0.4	0.6	0.4	0.7	1.8	1.2	0.4	0.9	1.1	0.7	0.9	0.8

測定場所		③																								
時間		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MC	測定値(μSv/h)	80.7	80.6	80.7	80.5	80.5	80.5	80.5	80.3	80.3	80.0	80.2	80.2	80.2	80.0	80.1	80.2	80.0	79.9	79.8	80.0	80.0	79.7	80.1	79.6
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	840	-	-	840	-	-	840	-	-	840	-	-	840	-	-	840	-	-	840	-	-	830	-	-
	⑦正門(μSv/h)	126	-	-	127	-	-	127	-	-	125	-	-	125	-	-	126	-	-	127	-	-	128	-	-
	③西門(μSv/h)	59.3	-	-	59.8	-	-	59.5	-	-	59.3	-	-	59.4	-	-	59.6	-	-	59.5	-	-	59	-	-
風向		西	西	北北西	北西	北東	西北西	北西	北北西	西北西	北北西	北北西	北西	北西	西南西	西	北西	北	北北西	西南西	北西	北西	西北西	西南西	西北西
風速（m/s）		0.6	1.0	1.2	1.2	1.0	1.0	0.8	0.8	0.8	1.0	0.8	0.5	0.9	1.2	1.1	1.0	1.0	0.7	1.1	0.9	0.6	1.3	1.4	2.0

測定場所		③																								
時間		8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MC	測定値(μSv/h)	79.8	79.8	79.8	79.7	79.7	79.7	79.5	79.6	79.5	79.5	79.7	79.4	79.4	79.4	79.3	79.3	79.4	79.4	79.2	79.0	79.2	79.0	79.1	79.1
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	830	-	-	830	-	-	830	-	-	820	-	-	820	-	-	810	-	-	810	-	-	800	-	-
	⑦正門(μSv/h)	128	-	-	126	-	-	127	-	-	128	-	-	127	-	-	128	-	-	127	-	-	124	-	-
	③西門(μSv/h)	59.4	-	-	59.1	-	-	58.7	-	-	58.9	-	-	58.1	-	-	58.0	-	-	57.9	-	-	57.2	-	-
風向		西	西	西	北西	西北西	西北西	西	西南西	西	西北西	西南西	北西	北西	北北西	東北東	西	北東	北西	西	西南西	西	北東	東	東
風速（m/s）		2.2	2.0	1.7	1.6	2.3	2.1	2.2	2.0	1.8	1.7	1.2	1.3	1.7	2.0	1.7	1.2	1.8	1.4	1.2	2.0	1.9	1.3	1.9	2.3

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測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ） ③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																								
時間		12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MC	測定値(μSv/h)	79.0	79.1	79.0	79.1	79.0	78.9	78.9	78.7	78.7	78.6	79.0	78.6	78.6	78.3	78.4	78.4	78.4	78.3	78.4	78.3	78.1	78.3	78.1	78.1
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	800	-	-	800	-	-	790	-	-	790	-	-	790	-	-	780	-	-	780	-	-	781	-	-
	⑦正門(μSv/h)	126	-	-	125	-	-	126	-	-	126	-	-	125	-	-	125	-	-	124	-	-	124	-	-
	③西門(μSv/h)	56.9	-	-	56.4	-	-	56	-	-	55.9	-	-	55.9	-	-	55.7	-	-	55.4	-	-	55.4	-	-
風向		北	西南西	北北西	西	西南西	南東	北	南西	西北西	西南西	西	南西	西北西	南西	西南西	南西	北西	西	西	西南西	北北西	北北西	西	北北西
風速（m/s）		1.2	1.2	1.3	1.6	2.0	1.5	0.9	1.6	1.6	2.0	2.9	2.5	3.0	2.6	2.4	2.4	2.0	2.0	1.8	2.4	2.2	2.1	2.1	2.2

測定場所		③																								
時間		16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MC	測定値(μSv/h)	78.1	78.0	78.0	77.9	77.9	77.9	77.9	77.9	77.8	77.7	77.7	77.5	77.6	77.6	77.4	77.4	77.5	77.3	77.2	77.3	77.2	77.1	77.1	77.1
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	777	-	-	779	-	-	777	-	-	779	-	-	781	-	-	782	-	-	785	-	-	792	-	-
	⑦正門(μSv/h)	125	-	-	124	-	-	124	-	-	122	-	-	124	-	-	121	-	-	121	-	-	123	-	-
	③西門(μSv/h)	55.1	-	-	54.8	-	-	54.7	-	-	54.5	-	-	54.5	-	-	54.6	-	-	55.1	-	-	55.1	-	-
風向		西	北西	西南西	西北西	北西	西南西	西	西	西北西	南西	西	西	西	北北西	西	西北西	北西	西北西	北北西	北	北北東	北東	北西	北西
風速（m/s）		2.0	2.6	2.3	2.0	1.8	1.5	1.9	1.9	1.6	1.5	1.4	1.3	1.4	1.3	0.9	0.9	0.9	0.9	0.7	0.9	0.5	0.6	0.4	0.6

測定場所		③																								
時間		20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MC	測定値(μSv/h)	77.1	76.9	77.0	77.0	76.9	76.6	76.7	76.6	76.5	76.5	76.5	76.4	76.2	76.3	76.3	76.2	76.2	76.1	76.1	76.1	76.0	76.0	76.0	75.8
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	796	-	-	792	-	-	796	-	-	798	-	-	801	-	-	803	-	-	804	-	-	804	-	-
	⑦正門(μSv/h)	121	-	-	121	-	-	120	-	-	120	-	-	121	-	-	121	-	-	120	-	-	121	-	-
	③西門(μSv/h)	55.4	-	-	55.8	-	-	55.9	-	-	56	-	-	56.1	-	-	56.2	-	-	56.4	-	-	56.3	-	-
風向		北西	西	北西	北北西	北	西	北	北北西	北北東	北北東	北北西	北西	南西	西	北西	北西	西北西	西南西	西	西	西	西南西	西南西	西北西
風速（m/s）		0.5	0.6	0.3	0.4	0.2	0.2	0.2	0.4	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.6	0.5	0.7	0.5	0.6	0.7	0.7	0.6	0.6

モニタリングポスト（１５：００時点）

※１日１回測定値を確認

測定場所	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8
測定値（μSv/h）	17	53	57	58	130	190	350	270

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測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																							
時間		0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MC	測定値(μSv/h)	75.9	75.9	75.6	75.6	75.6	75.6	75.6	75.5	75.4	75.4	75.5	75.3	75.3	75.2	75.3	75.2	75.1	75.2	75.1	75.1	75.0	75.0	74.8	74.9
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	808	-	-	808	-	-	807	-	-	806	-	-	807	-	-	808	-	-	806	-	-	808	-	-
	⑦正門(μSv/h)	121	-	-	121	-	-	119	-	-	120	-	-	121	-	-	120	-	-	121	-	-	120	-	-
	③西門(μSv/h)	56.5	-	-	56.4	-	-	56.5	-	-	56.4	-	-	56.7	-	-	56.5	-	-	56.3	-	-	56.4	-	-
風向		西	北北西	西北西	西北西	西	西北西	西北西	西北西	北西	南南西	西	西南西	西南西	西北西	西北西	西北西	西北西	北北西	西南西	西南西	西南西	西	西南西	西
風速（m/s）		0.4	0.6	0.9	0.8	0.4	0.7	0.5	0.6	0.5	0.6	0.5	0.9	0.7	0.8	0.6	0.7	1.0	0.6	0.8	0.7	0.6	0.8	0.6	1.0

測定場所		③																							
時間		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MC	測定値(μSv/h)	74.8	74.7	74.5	74.6	74.6	74.6	74.5	74.5	74.5	74.5	74.4	74.4	74.4	74.4	74.4	74.3	74.4	74.3	74.3	74.3	74.3	74.3	74.2	74.2
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	808	-	-	805	-	-	805	-	-	810	-	-	805	-	-	806	-	-	803	-	-	798	-	-
	⑦正門(μSv/h)	123	-	-	121	-	-	122	-	-	120	-	-	122	-	-	120	-	-	121	-	-	121	-	-
	③西門(μSv/h)	56.5	-	-	56.4	-	-	56.5	-	-	16.4	-	-	56.3	-	-	56	-	-	56	-	-	56.1	-	-
風向		北西	西	西南西	西南西	西南西	西北西	西	西	北西	西	西南西	北西	西	北西	北西	南	西	西	西	北西	西	北西	西	西
風速（m/s）		0.4	0.7	0.8	0.6	0.8	0.5	0.5	0.4	0.5	0.6	0.7	0.8	0.7	0.6	0.5	0.4	0.4	0.4	0.5	0.5	0.7	0.8	0.8	1.2

測定場所		③																						④	
時間		8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MC	測定値(μSv/h)	74.2	74.2	74.2	74.3	74.2	74.2	74.1	74.1	74.1	74.1	74.0	74.0	74.0	73.9	73.9	74.0	73.6	73.7	73.6	74.2	73.8	73.6	93.7	93.8
	中性子	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D
可搬	⑥本館南(μSv/h)	790	-	-	786	-	-	781	-	-	774	-	-	773	-	-	770	-	-	760	-	-	760	-	-
	⑦正門(μSv/h)	121	-	-	122	-	-	121	-	-	121	-	-	121	-	-	欠測	-	-	欠測	-	-	欠測	-	-
	③西門(μSv/h)	56.2	-	-	55.5	-	-	55.0	-	-	54.7	-	-	54.2	-	-	54.0	-	-	54.0	-	-	53.0	-	-
風向		北西	西	北	北	北	北西	北	北西	西	北西	西	北西	西	西	北東	西	東	東	北東	東	東	北東	西	北西
風速（m/s）		1.2	1.7	1.7	1.8	1.3	2.0	1.9	1.9	2.6	1.9	2.2	2.1	2.4	3.2	2.5	2.0	1.8	3.0	2.2	2.5	2.5	2.1	3.0	2.3

4/4/2011

福島第一（１１

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		④																							
時間		12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MC	測定値(μSv/h)	93.4	93.4	93.4	93.5	93.4	93.2	93.2	93.0	93.1	93.1	93.1	93.0	92.9	92.8	92.9	92.9	92.9	93.0	92.9	92.5	92.6	92.8	92.9	92.5
	中性子	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
可搬	⑥本館南(μSv/h)	760	-	-	760	-	-	759	-	-	755	-	-	752	-	-	751	-	-	750	-	-	752	-	-
	⑦正門(μSv/h)	欠測	-	-	欠測	-	-	欠測	-	-	欠測	-	-	欠測	-	-	欠測	-	-	欠測	-	-	欠測	-	-
	③西門(μSv/h)	53.6	-	-	53.0	-	-	53.2	-	-	53.1	-	-	53.4	-	-	52.9	-	-	53.2	-	-	52.8	-	-
風向		北西	北西	西	西北西	北西	西北西	北西	西	北西	北西	西北西	西北西	西	西北西	北北西	西北西	北西	北西	西	西北西	西	西北西	西	西北西
風速（m/s）		2.1	2.3	3.2	3.3	2.0	2.9	2.5	3.9	3.5	3.8	3.8	3.2	4.0	3.6	2.5	2.7	2.3	2.1	2.8	4.1	4.1	4.3	4.3	5.3

測定場所		④	③																						
時間		16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MC	測定値(μSv/h)	92.4	欠測	72.4	72.4	72.3	72.3	72.3	72.2	72.2	72.2	72.0	72.1	72.2	72.1	72.1	72.1	72.0	71.9	71.8	71.9	71.7	71.8	71.7	71.6
	中性子	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
可搬	⑥本館南(μSv/h)	753	欠測	-	752	-	-	752	-	-	749	-	-	750	-	-	751	-	-	756	-	-	759	-	-
	⑦正門(μSv/h)	117	欠測	-	118	-	-	118	-	-	116	-	-	118	-	-	116	-	-	116	-	-	117	-	-
	③西門(μSv/h)	52.9	欠測	-	52.2	-	-	52.2	-	-	51.8	-	-	52.0	-	-	52.2	-	-	52.4	-	-	52.5	-	-
風向		南	欠測	北	北西	北	北	西北西	北	北	北北東	北	北東	北	北	北西	北	北	北	北西	北	北	北	北	北西
風速（m/s）		5.2	欠測	2.2	2.2	2.3	2.0	1.8	1.7	1.3	1.3	0.9	0.8	0.9	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.5

測定場所		③																							
時間		20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MC	測定値(μSv/h)	71.6	71.5	71.4	71.5	71.4	71.4	71.4	71.1	71.1	71.0	71.2	71.1	71.0	71.0	71.0	70.9	71.0	70.9	70.9	70.9	70.7	70.7	70.7	70.7
	中性子	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
可搬	⑥本館南(μSv/h)	756	-	-	766	-	-	762	-	-	768	-	-	772	-	-	768	-	-	773	-	-	770	-	-
	⑦正門(μSv/h)	117	-	-	116	-	-	115	-	-	114	-	-	116	-	-	116	-	-	116	-	-	115	-	-
	③西門(μSv/h)	52.5	-	-	52.9	-	-	53.1	-	-	52.9	-	-	52.5	-	-	53.1	-	-	53.2	-	-	53.3	-	-
風向		西	北東	北北東	北	北西	北北西	西	南西	西南西	北西	西	西北西	西	西北西	西北西	北西	北北西	北西	西	西	西北西	北西	北西	西北西
風速（m/s）		0.6	0.3	0.2	0.4	0.6	0.5	0.5	0.3	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.5	0.4	0.4	0.5	0.8	0.6	0.5	0.4	0.4

モニタリングポスト（１５：００時点）

※１日１回測定値を確認

測定場所	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8
測定値（μSv/h）	16	50	54	54	120	170	330	250

4/5/2011

福島第一（１Ｉ

測定場所　①事務本館北（2号機より北西約０．５キロ）　②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ）　④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																								
時間		0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MC	測定値(μSv/h)	70.6	70.5	70.7	70.6	70.4	70.5	70.3	70.4	70.2	70.2	70.2	70.2	70.2	70.1	70.0	70.1	70.1	70.1	70.0	69.9	69.7	69.9	69.9	69.9
	中性子	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
可搬	⑥本館南(μSv/h)	775	-	-	775	-	-	773	-	-	774	-	-	774	-	-	772	-	-	772	-	-	775	-	-
	⑦正門(μSv/h)	117	-	-	116	-	-	116	-	-	117	-	-	114	-	-	116	-	-	117	-	-	欠測	-	-
	③西門(μSv/h)	53.3	-	-	53.5	-	-	53.3	-	-	53.5	-	-	53.4	-	-	53.3	-	-	53.2	-	-	53.1	-	-
風向		西北西	西北西	北西	西南西	西	西北西	西南西	西北西	西	西南西	西南西	西	南西	西	西北西	南西	西	西北西	北西	西南西	西北西	西北西	西	西北西
風速（m/s）		0.5	0.5	0.5	0.7	0.9	0.7	0.6	0.6	0.7	0.8	0.8	0.6	0.5	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.5	0.7	0.8	0.9

測定場所		③																							
時間		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MC	測定値(μSv/h)	69.7	69.8	69.7	69.6	69.6	69.5	69.4	69.5	69.5	69.4	69.5	69.4	69.3	69.4	69.3	69.3	69.2	69.4	69.4	69.5	69.5	69.2	69.2	69.2
	中性子	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
可搬	⑥本館南(μSv/h)	772	-	-	773	-	-	772	-	-	771	-	-	772	-	-	771	-	-	770	-	-	765	-	-
	⑦正門(μSv/h)	117	-	-	117	-	-	117	-	-	115	-	-	114	-	-	114	-	-	115	-	-	115	-	-
	③西門(μSv/h)	53.2	-	-	53.3	-	-	53.2	-	-	52.8	-	-	52.9	-	-	53	-	-	52.8	-	-	52.8	-	-
風向		西	西	西	南西	西南西	南西	南西	西	西	西南西	西	西南西	西	西南西	西南西	西	西	南西	南	西	南	北	北東	東
風速（m/s）		0.8	0.7	0.7	0.7	0.7	0.8	0.6	0.5	0.6	0.4	0.6	0.6	0.7	0.9	0.6	0.5	0.4	0.6	0.4	0.5	0.5	0.6	0.8	0.5

測定場所		③																							
時間		8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MC	測定値(μSv/h)	69.7	69.2	69.2	69.4	70.6	70.4	70.4	70.0	69.4	69.2	69.2	69.1	69.1	69.0	69.1	68.9	69.0	68.9	68.9	68.9	68.9	68.7	68.7	69.1
	中性子	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
可搬	⑥本館南(μSv/h)	758	-	-	753	-	-	751	-	-	740	-	-	741	-	-	735	-	-	735	-	-	734	-	-
	⑦正門(μSv/h)	116	-	-	117	-	-	114	-	-	115	-	-	113	-	-	115	-	-	117	-	-	116	-	-
	③西門(μSv/h)	52.9	-	-	52.2	-	-	52.6	-	-	51.9	-	-	51.3	-	-	50.9	-	-	50.6	-	-	50	-	-
風向		東	東南東	東	東	東	東	東	東	東	東	南東	東	東	東	東南東	東南東	東	東南東	東南東	東南東	東	東	東	東
風速（m/s）		0.9	1.6	1.9	2.1	2.4	2.3	2.2	2.1	2.4	2.5	2.4	2.6	2.9	2.3	1.7	2.4	2.3	2.4	3.0	1.7	3.2	2.1	3.3	1.6

4/5/2011 福島第一（１Ｉ

測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																								
時間		12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MC	測定値(μSv/h)	68.7	68.8	68.7	68.6	68.6	68.5	68.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.2	68.2	68.2	68.2	68.1	68.1	68.1	68.1	68.0	68.0
	中性子	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
可搬	⑥本館南(μSv/h)	733	-	-	729	-	-	728	-	-	725	-	-	726	-	-	724	-	-	723	-	-	720	-	-
	⑦正門(μSv/h)	114	-	-	115	-	-	114	-	-	113	-	-	113	-	-	114	-	-	112	-	-	112	-	-
	③西門(μSv/h)	49.9	-	-	50.0	-	-	49.5	-	-	49.1	-	-	49.1	-	-	49.0	-	-	48.9	-	-	48.7	-	-
風向		東	南東	東南東	東南東	東南東	東	東南東	東南東	東	東南東	南東	東南東	東	東南東	東南東	東	東南東	東	東南東	南東	東南東	南東	東南東	東南東
風速（m/s）		1.6	1.3	2.1	2.1	2.5	3.3	3.0	1.9	2.1	2.7	1.9	3.0	2.4	2.6	2.4	1.8	2.3	2.4	2.4	1.5	1.9	1.3	2.1	1.5

測定場所		③																								
時間		16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MC	測定値(μSv/h)	68.0	68.0	67.9	67.9	67.9	67.8	67.8	67.7	67.7	67.7	67.6	67.6	67.4	67.5	67.4	67.4	67.4	67.3	67.2	67.3	67.2	67.2	67.1	67.1
	中性子	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
可搬	⑥本館南(μSv/h)	722	-	-	722	-	-	720	-	-	719	-	-	717	-	-	720	-	-	721	-	-	723	-	-
	⑦正門(μSv/h)	114	-	-	114	-	-	113	-	-	112	-	-	112	-	-	112	-	-	110	-	-	108	-	-
	③西門(μSv/h)	48.3	-	-	48.2	-	-	48.4	-	-	47.8	-	-	47.8	-	-	48.1	-	-	48.1	-	-	48.3	-	-
風向		南東	東南東	南東	南南東	南東	南南東	南	南	南南東	南西	南南西	南南西	北	南西	北	北西	北	北	北西	西	西	西南西	北北西	北北西
風速（m/s）		1.3	1.8	1.1	1.1	1.1	1.1	0.8	0.9	0.7	0.6	0.5	0.3	0.3	0.3	0.5	0.4	0.3	0.3	0.5	0.5	0.6	0.5	0.4	0.6

測定場所		③																								
時間		20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MC	測定値(μSv/h)	67.0	67.0	67.0	67.0	67.0	66.9	66.7	66.8	66.8	66.7	66.7	66.7	66.6	66.7	66.6	66.5	66.4	66.4	66.4	66.2	66.5	66.4	66.2	66.2
	中性子	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
可搬	⑥本館南(μSv/h)	728	-	-	732	-	-	732	-	-	733	-	-	738	-	-	737	-	-	739	-	-	735	-	-
	⑦正門(μSv/h)	108	-	-	107	-	-	107	-	-	109	-	-	110	-	-	110	-	-	110	-	-	109	-	-
	③西門(μSv/h)	48.7	-	-	48.8	-	-	49.0	-	-	49.2	-	-	49.1	-	-	49.4	-	-	49.5	-	-	49.2	-	-
風向		北西	西	北西	西北西	西	北西	西北西	西北西	西	西南西	北西	西	西	西	西	北	西	西	西	北	東南東	西	西	西北西
風速（m/s）		0.5	0.8	0.9	0.6	0.5	0.6	0.8	0.8	1.0	0.5	0.5	0.4	0.5	0.5	0.4	0.6	0.4	0.5	0.5	0.3	0.3	0.3	0.2	0.3

モニタリングポスト（１５：００時点）

※１日１回測定値を確認

測定場所	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8
測定値（μSv/h）	15	49	52	52	110	160	310	240

4/6/2011 福島第一（１Ｉ

測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ） ③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		③																								
時間		0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MC	測定値(μSv/h)	66.2	66.2	66.2	66.1	66.1	66.1	66.0	66.0	66.0	66.0	65.9	65.8	65.8	65.8	65.8	65.7	65.7	65.7	65.6	65.6	65.6	65.5	65.5	65.6
	中性子	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
可搬	⑥本館南(μSv/h)	737	-	-	737	-	-	739	-	-	735	-	-	738	-	-	741	-	-	739	-	-	741	-	-
	⑦正門(μSv/h)	107	-	-	109	-	-	107	-	-	108	-	-	109	-	-	109	-	-	107	-	-	107	-	-
	③西門(μSv/h)	49.4	-	-	49.4	-	-	49.7	-	-	49.8	-	-	49.4	-	-	49.4	-	-	49.6	-	-	49.3	-	-
風向		西北西	西	西北西	西	西北西	北北西	西	西南西	西	西	西	西	西	西	西	西	西北西	西	西北西	西北西	西北西	西北西	西	西
風速（m/s）		0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.8	0.8	0.6	0.6	0.5	0.5	0.6	0.5	0.6	0.6	0.5	0.4	0.8	0.7	0.7

測定場所		③																								
時間		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MC	測定値(μSv/h)	65.4	65.4	65.4	65.4	65.3	65.2	65.2	65.2	65.1	65.1	65.1	65.1	64.9	65.0	65.0	64.8	65.0	65.0	65.0	64.9	65.0	65.2	65.1	66.2
	中性子	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
可搬	⑥本館南(μSv/h)	742	-	-	742	-	-	736	-	-	740	-	-	740	-	-	739	-	-	735	-	-	733	-	-
	⑦正門(μSv/h)	108	-	-	108	-	-	108	-	-	108	-	-	108	-	-	107	-	-	108	-	-	108	-	-
	③西門(μSv/h)	49.6	-	-	49.6	-	-	49.3	-	-	49.5	-	-	49.3	-	-	49.4	-	-	49.4	-	-	49.6	-	-
風向		西	西	西	西	西	西	西	西	西	西	西北西	西	西	西	西	西	西	南西	西	南西	西南西	東	東	東
風速（m/s）		0.5	0.8	0.9	0.6	0.8	0.8	0.9	0.9	1.0	0.8	0.7	0.5	0.9	1.0	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.8	1.4

測定場所		③ （※11:10から⑦）																								
時間		8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MC	測定値(μSv/h)	67.9	69.0	68.7	70.3	68.5	67.5	68.9	66.5	65.9	65.8	65.6	65.6	65.7	65.6	65.5	65.4	65.5	65.5	65.2	83.7	84.0	84.1	83.9	84.3
	中性子	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
可搬	⑥本館南(μSv/h)	731	-	-	718	-	-	712	-	-	714	-	-	707	-	-	704	-	-	703	-	-	701	-	-
	⑦正門(μSv/h)	114	-	-	109	-	-	110	-	-	109	-	-	108	-	-	欠測	-	-	欠測	-	-	欠測	-	-
	③西門(μSv/h)	52.3	-	-	50.9	-	-	52.2	-	-	49.0	-	-	48.7	-	-	48.4	-	-	48.1	-	-	47.7	-	-
風向		東	東	東南東	東	東	東	東	東南東	東	東南東	東南東	東南東	東	東南東	東	東南東	東	東南東	東	東	南東	南東	南東	南
風速（m/s）		1.6	1.3	1.8	2.0	1.9	2.2	2.2	2.4	2.3	2.8	2.9	2.4	3.2	3.1	3.1	3.0	2.9	3.1	3.7	4.0	2.7	3.0	3.1	3.3

4/6/2011 福島第一（１Ｉ

測定場所 ①事務本館北（2号機より北西約０．５キロ） ②体育館付近（MP－５東側）（2号機より西北西約０．９キロ）
③西門付近（MP-５付近）（2号機より西約１．１キロ） ④正門付近前（MP-6付近）（2号機より西南西約１．０キロ）

測定場所		⑦																							
時間		12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MC	測定値(μSv/h)	84.1	83.9	84.2	83.7	83.8	83.6	83.3	83.8	83.8	83.6	83.8	83.5	83.8											
	中性子	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
可搬	⑥本館南(μSv/h)	698	-	-	695	-	-	696	-	-	696	-	-	695											
	⑦正門(μSv/h)	欠測	-	-	欠測	-	-	欠測	-	-	欠測	-	-	欠測											
	③西門(μSv/h)	47.7	-	-	47.7	-	-	47.0	-	-	47.0	-	-	47.0											
風向		南東	南	南東	南南東	南東	南	東	東南東	南	東南東	東南東	東	東南東											
風速（m/s）		3.2	2.9	3.1	3.1	3.4	3.3	2.9	2.7	2.5	2.7	2.3	2.5	2.8											

測定場所		⑦																							
時間		16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MC	測定値(μSv/h)																								
	中性子																								
可搬	⑥本館南(μSv/h)																								
	⑦正門(μSv/h)																								
	③西門(μSv/h)																								
風向																									
風速（m/s）																									

測定場所		⑦																							
時間		0:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MC	測定値(μSv/h)																								
	中性子																								
可搬	⑥本館南(μSv/h)																								
	⑦正門(μSv/h)																								
	③西門(μSv/h)																								
風向																									
風速（m/s）																									

モニタリングポスト（１５：００時点）

※１日１回測定値を確認

測定場所	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8
測定値（μSv/h）								

※MP-1及び2については、巡回による目視にて確認した値（伝送系のトラブルのため送信不可）
※MP-3～8については、伝送システムによる計測値

福島第二（2F）（事業者のモニタリングポスト）　１枚目

	3/11/2011																					
Eニタリングポス	15:20	15:42	15:50	16:00	16:17	16:31	16:41	17:10	17:30	17:40	18:08	18:18	18:34	18:52	19:01	19:11	19:21	19:30	19:41	19:50	20:00	20:10
MP1（μSv/ｈ）	0.038	0.038	0.041	0.043	0.042	0.044	0.041	0.038	0.038	0.038	0.038	0.036	0.038	0.036	0.036	0.034	0.035	0.036	0.036	0.037	0.036	0.035
MP2（μSv/ｈ）	0.049	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/ｈ）	0.036	0.037	0.044	0.043	0.043	0.041	0.042	0.042	0.040	0.039	0.039	0.036	0.037	0.036	0.042	0.036	0.036	0.037	0.038	0.036	0.038	0.038
MP4（μSv/ｈ）	0.036	0.039	0.045	0.046	0.043	0.040	0.041	0.039	0.038	0.037	0.040	0.037	0.036	0.034	0.035	0.035	0.036	0.035	0.037	0.036	0.038	0.039
MP5（μSv/ｈ）	0.040	0.048	0.047	0.049	0.047	0.046	0.047	0.043	0.045	0.041	0.042	0.045	0.043	0.039	0.042	0.042	0.040	0.038	0.045	0.043	0.042	0.041
MP6（μSv/ｈ）	0.045	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MP7（μSv/ｈ）	0.046	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
風向	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
風速（m/ｓ）	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

	3月11日（続き）																					
Eニタリングポス	20:20	20:31	20:41	20:50	21:00	21:10	21:23	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:51	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/ｈ）	0.040	0.038	0.036	0.035	0.036	0.035	0.037	0.036	0.037	0.038	0.036	0.037	0.036	0.037	0.037	0.038	0.038	0.035	0.036	0.033	0.039	0.035
MP2（μSv/ｈ）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/ｈ）	0.038	0.034	0.037	0.038	0.039	0.038	0.038	0.036	0.036	0.036	0.039	0.040	0.035	0.037	0.038	0.037	0.037	0.037	0.038	0.038	0.037	0.034
MP4（μSv/ｈ）	0.037	0.037	0.038	0.035	0.034	0.038	0.035	0.035	0.036	0.036	0.038	0.038	0.036	0.037	0.035	0.039	0.036	0.036	0.036	0.036	0.035	0.036
MP5（μSv/ｈ）	0.043	0.046	0.041	0.043	0.045	0.040	0.044	0.043	0.042	0.042	0.044	0.042	0.045	0.044	0.040	0.039	0.042	0.044	0.042	0.041	0.038	0.038
MP6（μSv/ｈ）	0.034	0.034	0.033	0.033	0.034	0.036	0.036	0.035	0.034	0.034	0.034	0.033	0.033	0.036	0.032	0.034	0.036	0.034	0.036	0.036	0.033	0.033
MP7（μSv/ｈ）	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
風向	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風速（m/ｓ）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	3/12/2011																					
Eニタリングポス	0:00	0:21	0:30	0:57	0:49	1:00	1:09	1:20	1:30	1:39	1:50	2:00	2:10	2:21	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40
MP1（μSv/ｈ）	0.034	0.037	0.036	0.036	0,039	0.036	0.038	0.038	0.037	0.036	0.038	0.036	0.035	0.036	0.036	0.035	0.041	0.036	0.038	0.036	0.036	0.034
MP2（μSv/ｈ）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/ｈ）	0,037	0.036	0.035	0.038	0.037	0,037	0.040	0.037	0.036	0.037	0.036	0.037	0.039	0.037	0.039	0.037	0.040	0.036	0.036	0.039	0.036	0.034
MP4（μSv/ｈ）	0.035	0.038	0.036	0.038	0,037	0,038	0.037	0.037	0.039	0.037	0.036	0.035	0.036	0.035	0.037	0.037	0.038	0.038	0.038	0.038	0.035	0,035
MP5（μSv/ｈ）	0,041	0.042	0.043	0,042	0.042	0,045	0.042	0,040	0.043	0.045	0.043	0.042	0.042	0.041	0.034	0.040	0.048	0.044	0.043	0.041	0.042	0.042
MP6（μSv/ｈ）	0,032	0.033	0,033	0,034	0.,034	0,036	0.035	0,035	0.036	0.035	0.031	0.036	0.034	0.035	0.034	0.034	0.036	0.037	0.032	0.034	0.035	0.,033
MP7（μSv/ｈ）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風向	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	北西	北北西	北北東	北
風速（m/ｓ）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	1.0	1.1	1.1

	3月12日（続き）																					
Eニタリングポス	3:51	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:20	5:30	5:40	5:50	6:00	6:10	6:24	6:30	6:41	6:50	7:00	7:10	7:20	7:31
MP1（μSv/ｈ）	0.037	0.037	0.038	0.034	0.038	0.033	0.037	0.037	0.040	0.035	0.036	0.036	0.037	0.038	0.034	0.037	0.034	0.036	0.037	0.038	0.036	0.036
MP2（μSv/ｈ）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/ｈ）	0.037	0.038	0.038	0.038	0.037	0.040	0.036	0.038	0.036	0.037	0.039	0.039	0.038	0.037	0.038	0.037	0.036	0.037	0.037	0.037	0.039	0.037
MP4（μSv/ｈ）	0.037	0.037	0.037	0.036	0.038	0.036	0.036	0.037	0.037	0.036	0.036	0.036	0.038	0.037	0.039	0.036	0.039	0.039	0.038	0.034	0.036	0.037
MP5（μSv/ｈ）	0.042	0.041	0.045	0.039	0.045	0.040	0.041	0.044	0.043	0.043	0,042	0.044	0.042	0.042	0.043	0.044	0.043	0.041	0.042	0.043	0.046	0.046
MP6（μSv/ｈ）	0.035	0.037	0.034	0.036	0.033	0.033	0.034	0.035	0.033	0.037	0.036	0.038	0.036	0.034	0.037	0.035	0.044	0.035	0.036	0.034	0.036	0.036
MP7（μSv/ｈ）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風向	北	北東	北西	南	南西	南南東	東南東	南東	北東	南東	西南西	西南西	南	南南西	南西	南	南南東	南南西	南南西	北	東	北北東
風速（m/ｓ）	0.7	0.5	0.4	0.4	0.6	0.5	0.9	1.6	0.4	0.9	1.6	2.0	1.3	1.9	1.0	0.9	1.9	1.6	0.7	0.9	0.4	1.6

福島第二（2F）（事業者のモニタリングポスト）　２枚目

	3月12日（続き）																					
Eニタリングポス	7:40	7:50	8:01	8:10	8:20	8:30	8:40	8:50	8:59	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
MP1（μSv/h）	0.037	0.038	0.041	0.039	0.085	0.070	0.096	0.103	0.082	0.049	0.039	0.036	0.039	0.036	0.036	0.036	0.038	0.036	0.037	0.035	0.037	0.036
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	0.036	0.037	0.038	0.042	0.042	0.057	0.068	0.081	0.071	0.041	0.036	0.037	0.037	0.035	0.036	0.038	0.037	0.038	0.035	0,037	0.036	0.036
MP4（μSv/h）	0.037	0.037	0.035	0.039	0.039	0.055	0.056	0.057	0.056	0.039	0.038	0.039	0.038	0.036	0.036	0.036	0.036	0.037	0.037	0.036	0.036	0.037
MP5（μSv/h）	0.043	0.040	0.042	0.043	0.045	0.053	0.052	0.060	0.057	0.042	0,045	0.044	0.041	0.042	0.042	0.041	0.042	0.043	0.040	0.043	0.040	0.043
MP6（μSv/h）	0.036	0.034	0.038	0.034	0.040	0.042	0.041	0.042	0.047	0.035	0.036	0.038	0.034	0.034	0.037	0.035	0.034	0.032	0.037	0.034	0.034	0.035
MP7（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風向	北東	東南東	東	北北東	東北東	南西	南	南	東南東	北西	西北西	西北西	西北西	西北西	西北西	西北西	西	西北西	西北西	西北西	西北西	西
風速（m/s）	2.2	0.7	0.8	0.8	1.7	0.4	1.0	2.1	1.6	0.6	5.8	6.8	7.4	7.8	6.0	3.3	4.4	7.5	6.0	5.7	6.0	7.0

	3月12日（続き）																					
Eニタリングポス	11:21	11:30	11:40	11:50	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50
MP1（μSv/h）	0.036	0.037	0.035	0.037	0.033	0.035	0.037	0.037	0.036	0.037	0.039	0.038	0.036	0.034	0.035	0.038	0.036	0.038	0.034	0.039	0.035	0.037
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	0.037	0.036	0.036	0.037	0.037	0.036	0.036	0.038	0.036	0.040	0.037	0.038	0.038	0.035	0.037	0.035	0.037	0.037	0.036	0.037	0.036	0.035
MP4（μSv/h）	0.034	0.037	0.037	0.039	0.036	0.034	0.037	0.037	0.036	0.036	0.035	0.039	0.039	0.037	0.037	0.036	0.038	0.038	0.035	0.035	0.035	0.037
MP5（μSv/h）	0.043	0.043	0.043	0.042	0.041	0.044	0.041	0.040	0.041	0.045	0.040	0.040	0.040	0.041	0.036	0.041	0.042	0.042	0.042	0.043	0.040	0.044
MP6（μSv/h）	0.035	0.035	0.035	0.036	0.034	0.034	0.033	0.034	0.031	0.034	0.038	0.039	0.039	0.035	0.036	0.035	0.034	0.030	0.035	0.035	0.037	0.038
MP7（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
風向	西南西	西	西	北西	西南西	北西	西	西北西	西	西南西	南東	南南東	南南東	南	南	南	南	南	南	南	南	南南東
風速（m/s）	6.1	5.9	5.5	3.9	2.1	3.3	4.6	4.6	4.7	4.4	1.2	4.5	4.3	6.0	5.3	5.9	7.0	7.6	8.3	6.3	6.2	8.1

	3月12日（続き）																					
Eニタリングポス	15:00	15:10	15:20	15:30	15:40	15:50	16:00	16:11	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30
MP1（μSv/h）	0.041	0.039	0.038	0.037	0.038	0.035	0.037	0.036	0.036	0.036	0.038	0.039	0.038	0.036	0.038	0.038	0.035	0.038	0.036	0.035	0.037	0.040
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	0.036	0.038	0.038	0.038	0.034	0.038	0.034	0.039	0.035	0.039	0.037	0.038	0.035	0.038	0.039	0.038	0.036	0.036	0.038	0.037	0.037	0.036
MP4（μSv/h）	0.034	0.041	0.035	0.036	0.038	0.037	0.038	0.037	0.040	0.038	0.037	0.037	0.037	0.036	0.033	0.038	0.035	0.038	0.037	0.036	0.038	0.035
MP5（μSv/h）	0.043	0.041	0.044	0.044	0.040	0.043	0.043	0.045	0.044	0.042	0.042	0.042	0.042	0.045	0.042	0.042	0.043	0.044	0.042	0.042	0.044	0.046
MP6（μSv/h）	0.032	0.034	0.035	0.034	0.038	0.033	0.038	0.038	0.034	0.032	0.035	0.036	0.034	0.033	0.035	0.034	0.035	0.038	0.034	0.036	0.034	0.036
MP7（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風向	南南東	南	南南東	南	南南東	南	南南東	南	南	南	南	南	南南西	南	南	南	南	南	南南西	南	南	南南西
風速（m/s）	8.0	8.0	8.5	8.8	8.8	8.8	5.8	5.7	5.6	5.6	6.0	4.1	5.9	6.2	6.1	6.3	3.5	2.5	5.5	3.9	5.1	6.1

	3月12日（続き）																					
Eニタリングポス	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10
MP1（μSv/h）	0.038	0.036	0.037	0.036	0.034	0.037	0.034	0.036	0.039	0.039	0.038	0.036	0.038	0.038	0.037	0.038	0.038	0.037	0.036	0.039	0.034	0.036
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	0.037	0.038	0.038	0.040	0.039	0.037	0.039	0.036	0.034	0.038	0.036	0.037	0.036	0.039	0.037	0.037	0.036	0.040	0.034	0.038	0.036	0.038
MP4（μSv/h）	0.037	0.034	0.040	0.037	0.036	0.037	0.039	0.038	0.038	0.039	0.037	0.041	0.038	0.038	0.037	0.036	0.038	0.040	0.034	0.037	0.040	0.039
MP5（μSv/h）	0.044	0.044	0.046	0.042	0.042	0.040	0.043	0.041	0.045	0.039	0.044	0.040	0.041	0.044	0.044	0.042	0.042	0.043	0.043	0.043	0.047	0.042
MP6（μSv/h）	0.033	0.036	0.036	0.034	0.036	0.033	0.035	0.036	0.035	0.037	0.037	0.034	0.035	0.036	0.035	0.038	0.036	0.037	0.033	0.034	0.037	0.036
MP7（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風向	南南西	南南西	南西	南南西	南西	西南西	西南西	南西	南西	南西	南西	南西	南西	南西	南西	南西	西	南東	南南西	南南西	南南西	南西
風速	4.0	3.4	1.8	3.1	1.9	2.6	1.6	1.9	3.3	3.6	2.2	2.8	2.7	3.0	1.3	1.1	0.7	1.0	1.6	2.2	2.5	4.9

福島第二（2F）（事業者のモニタリングポスト）　３枚目

	3月12日（続き）										3月13日											
モニタリングポスト	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50
MP1（μSv/h）	0.035	0.039	0.038	0.037	0.037	0.036	0.036	0.038	0.037	0.039	0.038	0.035	0.036	0.036	0.038	0.037	0.037	0.036	0.036	0.035	0.038	0.037
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	0.036	0.038	0.037	0.038	0.038	0.036	0.036	0.037	0.036	0.036	0.039	0.037	0.038	0.040	0.036	0.036	0.035	0.037	0.040	0.036	0.040	0.037
MP4（μSv/h）	0.037	0.038	0.036	0.040	0.035	0.036	0.038	0.037	0.037	0.036	0.038	0.037	0.039	0.037	0.039	0.040	0.038	0.037	0.037	0.037	0.036	0.036
MP5（μSv/h）	0.044	0.040	0.044	0.043	0.043	0.041	0.044	0.045	0.042	0.044	0.045	0.045	0.039	0.040	0.042	0.046	0.042	0.044	0.045	0.042	0.042	0.042
MP6（μSv/h）	0.038	0.038	0.035	0.034	0.037	0.035	0.037	0.036	0.037	0.035	0.034	0.038	0.037	0.035	0.036	0.035	0.035	0.038	0.035	0.034	0.038	0.037
MP7（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風向	南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西
風速	5.0	5.0	5.2	5.1	5.0	6.1	5.5	5.4	5.8	4.7	4.1	4.5	6.1	5.9	6.1	8.6	7.1	7.7	7.1	5.9	6.3	5.7

	3月13日（続き）																					
モニタリングポスト	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30
MP1（μSv/h）	0.038	0.037	0.039	0.038	0.037	0.036	0.037	0.038	0.039	0.036	0.039	0.037	0.037	0.034	0.037	0.038	0.035	0.036	0.036	0.035	0.038	0.038
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	0.038	0.037	0.037	0.037	0.037	0.035	0.036	0.036	0.037	0.039	0.036	0.036	0.036	0.039	0.039	0.036	0.040	0.039	0.038	0.033	0.036	0.038
MP4（μSv/h）	0.036	0.039	0.037	0.037	0.036	0.038	0.036	0.038	0.037	0.037	0.037	0.037	0.036	0.036	0.038	0.038	0.036	0.037	0.036	0.034	0.035	0.036
MP5（μSv/h）	0.043	0.042	0.043	0.043	0.041	0.042	0.041	0.048	0.043	0.042	0.042	0.040	0.044	0.046	0.042	0.044	0.041	0.044	0.044	0.045	0.040	0.042
MP6（μSv/h）	0.036	0.036	0.041	0.035	0.036	0.033	0.034	0.033	0.036	0.035	0.033	0.035	0.032	0.037	0.035	0.038	0.035	0.035	0.035	0.033	0.032	0.035
MP7（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風向	南西	南南西	南西	南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南西	西南西	西南西	南西	南西	南西	西南西	南西	南西	南西	西南西
風速	4.7	4.4	4.4	2.7	3.0	4.1	3.6	3.7	4.1	2.7	2.8	1.8	2.2	2.1	2.1	1.6	1.6	3.8	5.6	8.6	6.8	6.0

	3月13日（続き）																					
モニタリングポスト	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50	8:00	8:17	8:20	8:30	8:40	8:50	9:00	9:10
MP1（μSv/h）	0.037	0.035	0.033	0.037	0.037	0.038	0.038	0.036	0.037	0.036	0.037	0.034	0.036	0.034	0.038	0.038	0.037	0.035	0.037	0.035	0.034	0.036
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	0.035	0.037	0.038	0.037	0.036	0.037	0.036	0.039	0.038	0.035	0.038	0.034	0.035	0.038	0.036	0.036	0.035	0.036	0.038	0.037	0.037	0.037
MP4（μSv/h）	0.036	0.037	0.037	0.038	0.037	0.040	0.039	0.035	0.036	0.037	0.034	0.036	0.036	0.036	0.039	0.037	0.037	0.036	0.036	0.038	0.039	0.039
MP5（μSv/h）	0.042	0.044	0.042	0.043	0.045	0.041	0.041	0.042	0.041	0.040	0.041	0.042	0.043	0.044	0.043	0.040	0.041	0.042	0.041	0.042	0.040	0.040
MP6（μSv/h）	0.035	0.036	0.034	0.033	0.036	0.033	0.037	0.033	0.036	0.037	0.035	0.036	0.034	0.036	0.034	-	-	-	-	-	-	-
MP7（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風向	西南西	西南西	南西	南西	南西	南南西	南南西	南西	南西	南南西	南西	南南西	南西	南西	南西	西南西	西	北西	南西	西	西	西北西
風速	6.1	6.4	6.4	7.2	7.2	4.9	4.9	5.6	4.7	3.6	3.5	3.7	3.5	3.2	3.3	3.0	2.5	1.7	1.1	2.9	1.9	3.1

	3月13日（続き）																					
モニタリングポスト	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50	12:00	12:10	12:20	12:30	12:40	12:50
MP1（μSv/h）	0.036	0.035	0.036	0.044	0.040	0.036	0.035	0.037	0.037	0.037	0.036	0.036	0.036	0.036	0.037	0.035	0.036	0.039	0.038	0.037	0.038	0.037
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	0.037	0.037	0.037	0.040	0.040	0.038	0.036	0.036	0.038	0.037	0.037	0.037	0.037	0.036	0.036	0.036	0.037	0.036	0.038	0.036	0.036	0.037
MP4（μSv/h）	0.036	0.037	0.038	0.039	0.042	0.038	0.038	0.038	0.038	0.037	0.040	0.037	0.039	0.038	0.038	0.037	0.038	0.038	0.039	0.036	0.038	0.037
MP5（μSv/h）	0.039	0.039	0.040	0.043	0.045	0.041	0.042	0.043	0.042	0.039	0.042	0.042	0.041	0.041	0.041	0.042	0.042	0.042	0.043	0.043	0.042	0.041
MP6（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MP7（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風向	西南西	西北西	西	西北西	西北西	西北西	西北西	西	西南西	西北西	西	西南西	南西	西	西	南西	西南西	西	南西	西南西	南南西	南西
風速	3	2.9	4.6	3.1	2.3	2.1	3.3	2.6	1.6	3.9	3.9	3.5	6.7	5.9	5.7	1.6	5.9	1.9	3.5	1.2	4.6	3.5

福島第二（2F）（事業者のモニタリングポスト）　４枚目

	3月13日（続き）																					
Eニタリングポス	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50	16:00	16:10	16:20	16:30
MP1（μSv/h）	0.036	0.038	0.036	0.035	0.034	0.037	0.037	0.037	0.038	0.036	0.037	0.036	0.036	0.035	0.035	0.036	0.038	0.039	0.036	0.035	0.037	0.035
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	0.037	0.037	0.037	0.037	0.034	0.037	0.039	0.037	0.036	0.037	0.037	0.035	0.036	0.038	0.037	0.038	0.040	0.038	0.037	0.037	0.038	0.037
MP4（μSv/h）	0.038	0.040	0.038	0.038	0.038	0.039	0.037	0.039	0.036	0.037	0.038	0.037	0.037	0.040	0.040	0.038	0.042	0.042	0.042	0.038	0.036	0.036
MP5（μSv/h）	0.041	0.042	0.042	0.042	0.041	0.043	0.043	0.042	0.041	0.040	0.043	0.040	0.040	0.042	0.040	0.042	0.044	0.042	0.044	0.041	0.040	0.041
MP6（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MP7（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風向	西南西	南	南	南	南南東	南	南	南	南	南	南	南	南	南	南	南	南	南	南	南	南	南
風速	3.1	4.2	4.5	3.8	6.1	4.4	5.9	8.5	9.1	4.5	5.1	6.2	6.2	6.0	4.3	3.7	2.7	4.9	5.5	5.4	4.3	4.6

	3月13日（続き）																					
Eニタリングポス	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50	20:00	20:10
MP1（μSv/h）	0.038	0.036	0.036	0.036	0.036	0.035	0.036	0.035	0.037	0.037	0.036	0.037	0.037	0.035	0.036	0.036	0.036	0.037	0.037	0.036	0.037	0.036
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	0.036	0.036	0.037	0.036	0.037	0.037	0.037	0.037	0.036	0.037	0.036	0.036	0.035	0.037	0.038	0.038	0.037	0.036	0.035	0.037	0.036	0.038
MP4（μSv/h）	0.037	0.037	0.037	0.037	0.037	0.037	0.038	0.036	0.037	0.038	0.037	0.037	0.038	0.038	0.036	0.036	0.036	0.037	0.036	0.036	0.037	0.036
MP5（μSv/h）	0.040	0.041	0.040	0.041	0.040	0.041	0.042	0.041	0.041	0.041	0.038	0.042	0.041	0.041	0.040	0.041	0.040	0.043	0.041	0.042	0.042	0.041
MP6（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MP7（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風向	南	南	南	南南西	南南西	南南西	南南西	南西	西	西南西	西南西	南西	西南西	西	西	北西	北	北北西	北西	北西	北西	北西
風速	4.3	4.0	4.1	3.8	3.6	3.9	3.5	4.0	3.2	2.6	1.5	1.6	1.8	4.0	4.0	1.8	1.3	2.1	2.4	2.9	1.2	1.6

	3月13日（続き）																					
Eニタリングポス	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	0.035	0.036	0.035	0.036	0.037	0.037	0.037	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.037	0.037	0.035	0.037	0.036	0.036	0.037	0.036
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	0.036	0.036	0.036	0.036	0.037	0.037	0.037	0.037	0.036	0.037	0.038	0.037	0.037	0.036	0.037	0.037	0.036	0.036	0.037	0.036	0.036	0.037
MP4（μSv/h）	0.037	0.036	0.037	0.037	0.035	0.036	0.037	0.039	0.036	0.040	0.038	0.037	0.037	0.036	0.037	0.037	0.038	0.036	0.036	0.037	0.037	0.037
MP5（μSv/h）	0.042	0.040	0.040	0.042	0.042	0.040	0.040	0.041	0.040	0.041	0.041	0.042	0.040	0.041	0.042	0.042	0.043	0.040	0.041	0.041	0.040	0.042
MP6（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MP7（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風向	北北西	西南西	南西	南西	南西	西南西	西南西	西南西	西南西	西南西	西南西	西南西	北東	北東	北東	西南西	南東	南南東	北東	北東	北東	北東
風速	1.8	1.2	1.0	1.7	2.3	4.5	4.9	2.9	.4.2	2.8	2.8	1.0	0.5	0.6	0.4	1.1	0.3	0.3	0.5	0.1	0.9	0.5

	3月14日																					
Eニタリングポス	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:35	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20
MP1（μSv/h）	0.038	0.038	0.038	0.038	0.037	0.036	0.037	0.036	0.037	0.048	0.042	0.038	0.037	0.038	0.037	0.037	0.036	0.037	0.037	0.036	0.036	0.038
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	0.037	0.036	0.038	0.036	0.036	0.036	0.036	0.036	0.037	0.037	0.037	0.037	0.035	0.036	0.036	0.037	0.038	0.037	0.037	0.036	0.038	0.036
MP4（μSv/h）	0.037	0.037	0.036	0.038	0.037	0.038	0.037	0.036	0.038	0.038	0.036	0.039	0.037	0.037	0.036	0.036	0.037	0.037	0.037	0.038	0.035	0.038
MP5（μSv/h）	0.041	0.042	0.043	0.042	0.043	0.043	0.041	0.041	0.041	0.043	0.041	0.040	0.041	0.043	0.040	0.042	0.040	0.042	0.040	0.041	0.040	0.042
MP6（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MP7（μSv/h）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風向	東北東	北東	東北東	東	北東	東北東	南南東	南東	南南東	南西	西南西	南西	南西	南西	南南西	南	南南西	南	南西	南西	南	南
風速	0.3	0.6	0.8	0.6	1.2	0.4	0.9	1.7	1.5	2.4	3.7	4.7	4.9	4.3	1.8	2.0	0.9	1.4	1.8	2.1	1.2	3.1

0.1　0.1

福島第二（2F）（事業者のモニタリングポスト）　５枚目

	3月14日（続き）																					
Eニタリングポスト	3:30	3:40		4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00
MP1（μSv/ｈ）	0.037	0.037	0.167	0.037	0.038	0.036	0.039	0.039	0.036	0.038	0.037	0.037	0.036	0.037	0.036	0.038	0.038	0.037	0.037	0.036	0.038	0.037
MP2（μSv/ｈ）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/ｈ）	0.037	0.035	0.035	0.036	0.037	0.037	0.037	0.037	0.036	0.037	0.037	0.037	0.036	0.037	0.038	0.038	0.036	0.037	0.037	0.037	0.038	0.037
MP4（μSv/ｈ）	0.037	0.037	0.037	0.037	0.036	0.038	0.038	0.038	0.038	0.038	0.037	0.037	0.038	0.038	0.036	0.037	0.037	0.037	0.037	0.038	0.036	0.038
MP5（μSv/ｈ）	0.043	0.040	0.040	0.042	0.042	0.041	0.041	0.041	0.039	0.042	0.040	0.041	0.040	0.040	0.043	0.042	0.040	0.041	0.041	0.041	0.041	0.040
MP6（μSv/ｈ）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MP7（μSv/ｈ）	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
風向	南南西	南南西	南南西	南	南	南	南南西	南南西	南南西	南南西	南西	南	南南西	南南西	南南西	南	南南東	南	南	南西	南西	南南西
風速	5.0	4.7	6.5	6.5	3.4	1.8	3.1	1.9	2.4	0.9	0.2	3.1	4.6	3.7	1.3	0.8	1.5	2.3	2.4	3.0	4.0	2.6

	3月14日（続き）																					
Eニタリングポスト	7:10	7:20	7:30	7:40	7:50	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40
MP1（μSv/ｈ）	0.037	0.037	0.036	0.035	0.038	0.038	0.037	0.038	0.037	0.038	0.034	0.037	0.038	0.037	0.037	0.036	0.038	0.036	0.036	0.038	0.037	0.036
MP2（μSv/ｈ）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/ｈ）	0.037	0.037	0.037	0.038	0.037	0.036	0.036	0.036	0.037	0.037	0.039	0.038	0.038	0.036	0.036	0.036	0.036	0.039	0.037	0.038	0.037	0.037
MP4（μSv/ｈ）	0.037	0.037	0.037	0.038	0.038	0.038	0.038	0.038	0.036	0.039	0.037	0.037	0.037	0.037	0.038	0.037	0.038	0.038	0.037	0.037	0.037	0.038
MP5（μSv/ｈ）	0.042	0.043	0.042	0.043	0.041	0.041	0.043	0.042	0.042	0.042	0.043	0.043	0.041	0.041	0.041	0.041	0.041	0.042	0.041	0.042	0.041	0.041
MP6（μSv/ｈ）	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
MP7（μSv/ｈ）	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
風向	南	南	南	南	南南西	南	南	南	南	南南東	南南東	南	南		南	南南東	南	南南東	南	南南西	西南西	西北西
風速	3.4	2.7	3.8	3.2	2.9	2.9	3.1	2.4	2.6	3.1	5.4	5.6	4.5		3.9	3.9	4.1	4.2	3.8	3.7	2.7	2.0

	3/14/2011																
モニタリングポスト	10:50	11:00	11:10	11:20	11:30	11:40	11:50	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30
MP1（μSv/ｈ）	0.035	0.037	0.037	0.037	0.037	0.036	0.036	0.038	0.036	0.039	0.038	0.037	0.034	0.035	0.035	0.036	0.039
MP2（μSv/ｈ）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/ｈ）	0.037	0.036	0.035	0.035	0.038	0.036	0.034	0.036	0.037	0.035	0.036	0.035	0.036	0.035	0.037	0.035	0.038
MP4（μSv/ｈ）	0.035	0.037	0.038	0.037	0.036	0.036	0.036	0.036	0.04	0.039	0.038	0.04	0.038	0.038	0.038	0.038	0.037
MP5（μSv/ｈ）	0.041	0.040	0.041	0.041	0.041	0.041	0.042	0.042	0.039	0.042	0.041	0.041	0.042	0.041	0.041	0.042	0.042
MP6（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西南西	西	西	西	西	西	西	西	西	西北西	西	西	西	西	西	北西	西南西
風速（m/ｓ）	4.8	7.7	7.3	7.6	11.7	7.7	8.7	8.1	7.6	6.3	9.1	10.4	6.4	5.4	4.5	3.8	2.9

	3月14日（続き）																					
モニタリングポスト	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10
MP1（μSv/ｈ）	0.038	0.036	0.035	0.037	0.037	0.037	0.039	0.037	0.039	0.037	0.038	0.035	0.034	0.038	0.035	0.037	0.037	0.035	0.036	0.038	0.038	0.036
MP2（μSv/ｈ）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/ｈ）	0.036	0.035	0.036	0.036	0.036	0.037	0.035	0.035	0.039	0.037	0.036	0.036	0.035	0.037	0.036	0.036	0.038	0.037	0.036	0.036	0.035	0.036
MP4（μSv/ｈ）	0.039	0.038	0.037	0.039	0.037	0.039	0.037	0.037	0.038	0.037	0.038	0.037	0.037	0.038	0.038	0.039	0.041	0.039	0.036	0.037	0.037	0.035
MP5（μSv/ｈ）	0.041	0.042	0.039	0.041	0.040	0.041	0.042	0.042	0.041	0.042	0.04	0.04	0.042	0.042	0.042	0.043	0.043	0.042	0.044	0.041	0.043	0.04
MP6（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西北西	北北西	南南東	南東	北東	北北西	北北西	北北西	北西	西北西	北西	西北西	西	西	西	西	西南西	西北西	西	西	西	西南西
風速（m/ｓ）	4.0	0.8	1.7	2.1	0.700	2.0	5.8	6.3	4.2	4.7	3	2.9	6	7.4	6.5	3.1	1.1	1.2	3.9	1.8	1.9	2.6

福島第二（2F）（事業者のモニタリングポスト）　６枚目

3/14/2011	3月14日（続き）																					
モニタリングポスト	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50	20:00	20:10	20:20	20:30	20:40	20:50
MP1（μSv/h）	0.035	0.036	0.037	0.035	0.037	0.036	0.036	0.035	0.038	0.037	0.036	0.035	0.035	0.036	0.035	0.037	0.035	0.037	0.037	0.036	0.036	0.035
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	0.037	0.036	0.035	0.036	0.035	0.036	0.038	0.037	0.036	0.037	0.037	0.036	0.037	0.037	0.035	0.038	0.035	0.038	0.038	0.036	0.035	0.034
MP4（μSv/h）	0.037	0.036	0.037	0.037	0.035	0.036	0.037	0.035	0.038	0.037	0.037	0.036	0.036	0.037	0.037	0.038	0.038	0.039	0.038	0.036	0.036	0.036
MP5（μSv/h）	0.042	0.041	0.041	0.041	0.041	0.042	0.041	0.042	0.041	0.041	0.041	0.043	0.040	0.041	0.041	0.042	0.043	0.042	0.041	0.041	0.040	0.040
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西南西	西南西	西	西	南西	南	東	南東	南	南南西	西南西	西	北西	西	北西	西北西	西北西	西北西	西	南西	東南東	南西
風速（m/s）	3.4	2.0	2.0	2.7	0.400	1.6	3.1	1.1	0.8	1.1	0.6	1.7	1.7	1.3	2.3	3.0	3.5	3.1	0.9	1.4	0.1	0.6

3/14/2011	3月14日（続き）																
モニタリングポスト	21:00	21:30	21:40	21:44	21:48	21:50	22:00	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:50	23:55
MP1（μSv/h）	0.036	0.037	0.16	2.50	5.00	9.40	9.20	11.70	2.65	2.08	1.98	2.35	2.33	1.71	1.54	4.07	20.0
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	0.035	0.036	0.036	—	0.040	0.087	2.210	8.990	1.65	1.03	1.040	1.700	1.630	1.1	0.84	51.4	75.0
MP4（μSv/h）	0.036	0.039	0.037	—	0.042	0.072	3.840	7.950	2.87	1.35	1.310	1.600	1.950	1.29	1.08	28.1	51.0
MP5（μSv/h）	0.041	0.041	0.042	—	0.047	0.066	0.317	8.850	3.79	1.35	1.340	1.480	2.360	1.35	1.15	19.8	45.0
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東	西	北東		西	西	西	北北東	北東	北東	北東	北東	北北東	北	北北東	北	北
風速（m/s）	0.9	2.0	0.9		1.4	1.4	1.0	1.6	6.9	7.6	8.0	6.6	5.4	3.5	4.1	3.1	4.3

２３：１０現在、福島第２原発のスタックモニタの値は各号機とも通常時の値

3/15/2011	3月15日（続き）																					
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30
MP1（μSv/h）	73.3	110.0	55.1	31.6	39.3	42.7	43.5	33.3	33.5	33.3	31.5	27.9	30.4	30.7	71.0	147.0	73.2	75.4	78.7	117.0	120.0	121.0
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	113.0	82.1	40.2	27.2	24.8	33.7	29.0	28.0	29.2	29.8	35.0	41.1	107.0	106.0	183.0	169.0	163.0	101.0	170.0	118.0	86.5	77.7
MP4（μSv/h）	95.7	78.9	35.2	18.1	17.0	20.7	21.3	17.7	18.2	19.4	23.2	29.2	67.0	89.4	155.0	148.0	124.0	71.0	115.0	91.2	58.2	46.2
MP5（μSv/h）	87.9	80.8	44.3	20.2	20.0	20.7	29.3	17.8	18.2	19.2	22.2	29.3	61.9	86.8	153.0	153.0	125.0	74.2	101.0	97.2	65.2	52.8
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北	北	北	北	北北東	北北東	北	北	東北東	北北東	北北東	北	北	北	北北西	北北東	北	北北東	北北東	北北東	東北東	東北東
風速（m/s）	5	5.7	5.5	6.5	6.2	3.9	2.5	2.0	2.1	4.3	3.8	4.8	4.1	5.7	3.3	2.8	3.6	3.4	2.7	0.9	0.4	0.5

3/15/2011	3月15日（続き）																					
モニタリングポスト	3:40	3:50	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10
MP1（μSv/h）	116.0	109.0	130.0	109.0	165.0	113.0	88.4	90.9	87.7	80.8	75.3	76.8	72.4	73.3	64.3	71.6	65.4	55.5	53.9	51.2	49.9	47.4
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	97.0	145.0	182.0	162.0	179.0	182.0	95.3	91.0	92.7	85.6	79.6	78.0	76.5	72.6	69.2	72.2	70.8	67.6	61.7	58.8	55.2	52.8
MP4（μSv/h）	59.3	91.3	145.0	113.0	140.0	145.0	50.8	48.0	52.9	46.2	41.9	41.8	44.2	39.7	38.5	40.9	40.7	38.6	34.3	31.7	29.4	28.5
MP5（μSv/h）	61.3	88.9	157.0	120.0	148.0	157.0	55.0	52.5	56.5	48.9	45.4	45.4	45.8	42.3	42.3	40.9	42.3	38.6	36.2	32.7	31.8	29.6
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東	東	東北東	東北東	北北西	東北東	北	北北西	北	北西	北西	北北西	北北西	北	北	北	北北東	北東	北東	北東	北東	北東
風速（m/s）	0.3	0.4	0.5	0.3	1.5	3.9	3.7	2.5	4.3	3.9	4.5	4.6	5.3	3.7	3.6	3.4	3.0	3.0	5.7	4.2	4.4	4.5

福島第二（2F）（事業者のモニタリングポスト）

3/15/2011																						
モニタリングポスト	7:20	7:30	7:40	7:50	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50
MP1（μSv/h）	45.6	44.4	43.0	41.4	40.5	38.9	37.8	36.7	35.4	34.6	33.7	32.6	31.8	31	30.1	29.4	28.6	28.1	27.6	27	26.4	25.5
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	50.7	50.0	47.8	46.0	44.6	43.5	42.2	41.1	39.8	38.3	37.6	36.4	35.1	34.7	33.7	33.0	32.1	31.3	30.5	29.9	29.1	28.7
MP4（μSv/h）	27.4	26.5	25.6	24.7	23.9	23.3	22.7	21.9	21.2	20.6	20	16.9	19.1	18.6	18	17.7	17.3	17.0	16.5	16.1	15.8	15.5
MP5（μSv/h）	29.5	27.6	27.6	25.7	25.6	24.0	23.9	23.8	22.2	22.2	21	20.7	20.5	19.4	19.2	19.0	17.9	17.8	17.8	16.6	16.6	16.4
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北東	北東	北東	北東	東北東	北東	北東	東北東	東北東	北東	東北東	北東	北東	北東	北東	北東	北東	東北東	東北東	東北東	東	東北東
風速（m/s）	5.2	6.5	5.9	5.2	5.1	4.9	4.2	3.5	3.7	4.5	3.2	3.9	4	3.6	3.7	3.4	2.3	2.9	2.4	2	2.8	3.1

3/15/2011																						
モニタリングポスト	11:00	11:10	11:20	11:30	11:40	11:50	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30
MP1（μSv/h）	25.3	24.8	24.2	23.6	23.3	23.0	22.8	22.3	21.9	21.6	21.2	20.8	20.6	20.3	20.1	19.8	19.6	19.4	19.1	18.9	18.7	18.7
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	28.2	27.7	27.1	26.6	25.8	25.5	25.1	24.7	24.4	23.8	23.6	23.3	23.2	22.7	22.5	22.1	21.9	21.5	21.3	20.9	20.7	20.4
MP4（μSv/h）	15.2	15.0	14.6	14.4	14.1	13.9	13.7	13.5	13.3	13.1	12.9	12.7	12.5	12.3	12.1	12.0	11.9	11.7	12.6	12.4	11.4	11.3
MP5（μSv/h）	15.8	15.5	15.5	15.0	14.8	14.6	14.3	14.2	14.1	13.9	13.6	13.4	13.4	13.3	12.5	12.5	12.5	12.2	12.0	11.9	11.9	11.8
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東	東	東	東	東	南南東	南	南東	東南東	東	東南東	南東	南東	東南東	東南東	南東	南東	南東	東南東	東南東	南東	南東
風速（m/s）	2.5	3.6	3.8	3.2	1.4	0.5	0.8	0.9	0.6	1.4	2.9	2.1	2.2	2.0	2.6	3.3	3.4	3.3	3.0	2.6	1.8	1.7

3/15/2011																						
モニタリングポスト	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10
MP1（μSv/h）	18.5	18.3	18.1	17.8	17.7	17.6	17.4	17.3	17.1	16.9	16.9	16.9	16.8	16.8	16.7	16.5	16.4	16.3	16.2	16.2	16.1	16.1
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	20.3	20.1	19.9	19.8	19.5	19.4	19.3	19.2	19	18.9	18.8	18.6	18.5	18.3	18.2	18.1	18.0	17.8	17.8	17.6	17.7	17.5
MP4（μSv/h）	11.2	11.1	11.1	10.9	10.8	10.7	10.6	10.5	10.5	10.4	10.3	10.2	10.1	10.1	10.1	10.1	10.0	10.0	9.98	9.96	9.92	9.9
MP5（μSv/h）	11.6	11.6	11.6	11.5	11.4	11.3	11.1	10.9	10.9	10.8	10.8	10.8	10.8	10.8	10.8	10.6	10.4	10.5	10.4	10.3	10.2	10.1
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南南東	南東	南東	南東	南東	南南東	南東	南東	東南東	南東	南東	南東	南東	南南東	南南東	南南東	南東	南南東	南南東	南南東	南東	南東
風速（m/s）	1.7	2.0	1.4	1.4	1.0	1.6	1.7	0.9	1.2	1.1	1.4	1.7	1.9	1.8	1.7	1.8	1.7	2.1	2.0	1.6	1.4	1.2

3/15/2011																						
モニタリングポスト	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50
MP1（μSv/h）	16.0	15.9	15.8	15.8	15.7	15.7	15.7	15.6	15.6	15.6	15.5	15.5	15.4	15.3	15.3	15.2	15.2	15.1	15.1	15.0	15.0	15.0
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	17.5	17.4	17.3	17.2	17.2	17.1	17.1	17.0	17.0	17.0	17.0	17.0	17.0	16.9	16.8	16.8	16.6	16.5	16.5	16.4	16.4	16.4
MP4（μSv/h）	9.86	9.81	9.75	9.72	9.70	9.67	9.64	9.65	9.60	9.58	9.54	9.54	9.49	9.46	9.40	9.41	9.38	9.35	9.35	9.35	9.31	9.28
MP5（μSv/h）	10.1	10.1	10.1	10.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.99	9.98	9.93	9.92	9.93	9.74	9.72	9.74	9.70	9.70	9.68
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測

9/16/2011 10:01 PM

風向	東北東	東	東	東南東	東南東	南東	南東	東南東	南東	東南東	南東	東南東	東南東	南東	南東	東	東南東	東南東	東南東	東	東	東
風速（m/s）	1.2	1.7	1.8	1.1	1.4	1.7	1.4	1.8	2.7	2.5	2.1	1.7	2.3	2.2	2.7	2.8	4.4	3.6	4.2	4.4	5.8	5.0

福島第二（2F）（事業者のモニタリングポスト）

3/15/2011												
モニタリングポスト	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	15.0	14.9	14.9	14.8	14.8	14.7	14.6	14.4	14.4	14.3	14.3	14.2
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	16.3	16.3	16.2	16.1	16.2	15.9	16.0	15.9	15.9	15.8	15.7	15.7
MP4（μSv/h）	9.29	9.25	9.16	9.11	9.05	9.03	9.20	9.01	9.03	9.02	9.00	8.99
MP5（μSv/h）	9.46	9.43	9.43	9.43	9.31	9.13	8.93	8.85	8.78	8.78	8.77	8.78
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東	東	東	東	東	東	東	東北東	東北東	東北東	北東	北東
風速（m/s）	5.3	4.8	5.6	5.9	5.9	5.6	6.1	4.8	4.2	5.3	4.6	4.0

3/16/2011																						
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:25	2:30	2:40	2:50	3:00	3:30	4:00
MP1（μSv/h）	14.2	14.2	14.1	14.1	17.4	33.1	34.7	39.3	32.4	31.1	34.8	35.5	35.3	38.1	50.6	45.0	37.3	35.8	36.4	34.1	31.6	29.6
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	15.6	15.5	15.4	15.3	20.6	42.6	43.6	46.9	40.6	39.5	44.0	46.0	44.9	48.0	60.0	55.4	50.5	47.9	46.9	45.5	41.5	38.6
MP4（μSv/h）	8.99	8.90	8.87	8.79	10.00	31.8	28.5	33.5	28.3	27.8	33.7	31.2	32.6	35.7	39.0	45.2	35.2	33.4	32.1	31.0	28.4	25.9
MP5（μSv/h）	8.70	8.37	8.18	8.18	8.78	31.8	27.6	31.5	25.6	25.7	31.8	27.8	30.7	36.0	37.1	43.5	32.9	30.1	29.7	28.3	25.7	23.9
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北東	北	北北西	北北西	北北西	北北西	北北西	北	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北	北北西	北北西	北北西	北
風速（m/s）	4.1	3.3	4.4	5.5	5.8	5.8	6.0	5.3	4.7	5.0	5.1	6.2	7.0	7.3	7.0	6.8	7.2	6.8	6.6	7.5	8	8.4

3/16/2011																						
モニタリングポスト	4:30	5:00	5:30	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50	8:00	8:10	8:20	8:30	8:40	8:50
MP1（μSv/h）	28.1	27.1	29.5	25.3	25.1	24.8	24.7	24.3	24.1	23.8	23.5	23.4	23.3	23.2	23.0	22.8	22.7	22.5	22.4	22.2	22.1	21.9
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	36.6	34.9	33.7	32.6	32.1	31.9	31.5	31.0	30.8	30.5	30.4	29.8	29.5	29.3	29.1	28.9	28.7	28.4	28.3	28.2	28.1	27.9
MP4（μSv/h）	24.5	23.3	22.4	21.7	21.4	21.1	20.8	20.5	20.3	20.1	19.8	19.7	19.5	19.4	19.2	19.0	18.9	18.8	18.6	18.5	18.2	18.1
MP5（μSv/h）	22.2	21.2	20.7	19.9	19.4	19.2	19.2	19.2	19.2	18.6	18.0	17.9	17.9	17.9	17.9	17.9	17.9	17.9	16.7	16.7	16.7	16.7
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北	北	北	北	北	北	北北西	北北西	北	北	北北西	北北西	北北西	北	北北西	北北西	北北西	北北西	北北西	北	北	北
風速（m/s）	7.4	8.3	9.3	9.2	8.0	8.0	6.7	6.9	7.3	7.8	7.3	7.1	7.9	8.1	6.8	6.3	4.7	4.5	5.6	6.1	5.6	5.0

福島第二（2F）（事業者のモニタリングポスト）

3/16/2011

モニタリングポスト	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50	12:00	12:10	12:20	12:30
MP1（μSv/h）	21.7	21.7	21.5	45.6	120.0	87.8	72.3	68.1	61.9	58.7	57.4	54.4	56.3	51.2	49.8	48.8	49.7	47.8	48.9	47.6	44.2	43.3
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	27.6	27.6	27.4	27.1	42.0	99.0	76.8	55.6	50.3	47.3	45.3	43.4	44.7	41.2	40.0	39.4	40.6	39.2	38.6	40.5	37.8	36.3
MP4（μSv/h）	18.0	17.9	17.7	17.8	80.0	87.7	75.4	41.8	38.2	38.6	33.9	32.7	32.6	31.0	29.3	29.1	29.6	29.5	29.4	29.9	28.0	26.4
MP5（μSv/h）	16.7	16.7	16.6	16.7	60.0	112.0	65.3	39.0	31.8	31.8	29.7	29.7	27.7	27.7	25.7	25.7	25.8	26.5	25.7	26.0	23.9	23.9
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北	北	北	北北東	北	北北東	北北東	北東	北東	北東	北東	北東	北東	北東	北東	東北東	東北東	東北東	東北東	東	東北東	北東
風速（m/s）	4.9	4.8	4.5	3.9	4.0	5.8	5.2	5.3	5.4	4.2	5.9	5.2	6.5	6.1	5.0	5.7	6.8	6.2	5.3	4.9	4.5	6.1

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モニタリングポスト	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50	16:00	16:10
MP1（μSv/h）	42.8	41.2	40.8	40.1	38.9	38.0	37.7	37.2	36.4	35.9	35.2	34.5	34.5	34.2	33.5	33.2	32.8	32.5	31.9	31.6	31.5	31.0
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	35.6	34.9	34.9	34.5	33.9	33.8	33.2	32.7	32.4	32.1	31.9	31.5	31.1	30.8	30.6	30.4	29.9	29.8	29.7	29.5	29.1	29.0
MP4（μSv/h）	26.0	25.2	25.2	24.9	24.4	24.0	23.8	23.5	23.3	23.1	22.9	22.6	22.3	22.1	21.8	21.6	21.5	21.2	21.1	20.8	20.7	20.6
MP5（μSv/h）	23.4	22.2	22.2	21.1	20.7	20.7	20.7	20.6	20.1	19.8	19.4	19.2	19.2	19.2	19.2	19.2	19.2	18.9	18.3	17.9	17.9	17.8
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西	西北西	北西	北北西	北北西	北北西	北西	北西	北	北北西	北北西	北北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西
風速（m/s）	1.8	4.0	9.3	8.9	7.3	7.1	9.0	9.0	12.0	10.6	10.7	10.7	11.1	10.7	11.8	9.6	11.4	13.6	11.7	10.6	13.5	12.3

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モニタリングポスト	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）	30.5	30.3	30.1	29.9	29.5	29.3	29.0	28.9	28.7	28.6	28.4	28.2	28.1	27.9	27.9	27.9	27.7	27.4	27.3	27.3	27.2	26.8
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	29.1	28.8	28.6	28.5	28.4	28.4	28.2	28.1	28.0	27.9	27.7	27.6	27.6	27.4	27.2	27.1	27.1	27.0	26.9	26.9	26.9	28.6
MP4（μSv/h）	20.4	20.2	20.1	20.0	19.9	19.7	19.7	19.6	19.5	19.5	19.3	19.2	19.1	19.1	19.0	18.9	18.9	18.9	18.7	18.6	18.6	18.6
MP5（μSv/h）	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.9	17.1	16.6	16.6	16.6	16.6	16.7	16.6	16.6	16.6	16.7	16.7	16.7
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	西北西	北西
風速（m/s）	11.0	8.6	6.9	7.9	8.1	9.0	10.2	7.8	8.1	7.0	6.7	9.2	8.4	8.5	8.2	7.2	7.2	7.3	5.6	5.4	4.5	4.2

3/16/2011

モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30
MP1（μSv/h）	26.8	26.7	26.7	26.6	26.6	26.4	26.4	26.1	25.9	25.8	25.7	25.6	25.6	25.5	25.5	25.4	25.3	25.4	25.3	25.2	25.2	25.1
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	26.6	26.5	26.5	26.3	26.2	26.1	25.9	26.1	25.9	25.8	25.8	25.8	25.7	25.7	25.6	25.6	25.5	25.5	25.5	25.4	25.5	25.3
MP4（μSv/h）	18.5	18.4	18.4	18.3	18.2	18.2	18.2	18.1	18.1	18.0	18.0	17.9	17.9	17.8	17.7	17.8	17.7	17.6	17.6	17.7	17.6	17.6
MP5（μSv/h）	16.7	16.6	16.6	16.7	16.5	16.5	16.5	16.4	16.4	16.3	16.2	16.1	16.1	16.1	16.1	16.0	15.9	15.9	15.9	15.7	15.7	15.8
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西北西	北西	北西	北北西	北北西	北北西	北	北西	北北西	北西	西	西	西	西	西	西北西	北西	北西	北西	西	西北西	西
風速（m/s）	3.3	3.9	3.0	3.1	2.9	3.4	3.3	2.2	2.7	2.2	2.5	4.1	5.9	4.4	3.3	3.5	4.8	5.8	6.8	3.6	5.1	7.5

福島第二（2F）（事業者のモニタリングポスト）

3/16/2011		
モニタリングポスト	23:40	23:50
MP1（μSv/h）	25.2	25.1
MP2（μSv/h）	点検中	点検中
MP3（μSv/h）	25.3	25.2
MP4（μSv/h）	17.4	17.4
MP5（μSv/h）	15.7	15.6
MP6（μSv/h）	欠測	欠測
MP7（μSv/h）	欠測	欠測
風向	西	西北西
風速（m/s）	8.6	6.3

福島第二（2F）（事業者のモニタリングポスト）

3/17/2011																						
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	25.0	24.9	24.9	24.8	24.7	24.8	24.7	24.6	24.5	24.4	24.3	24.4	24.3	24.2	24.2	24.2	24.1	24.1	24.0	24.0	24.0	23.8
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	25.2	25.0	25.0	25.0	25.0	25.0	25.1	24.9	24.7	24.7	24.8	24.6	24.7	24.5	24.6	24.5	24.5	24.4	24.3	24.2	24.3	24.3
MP4（μSv/h）	17.4	17.4	17.4	17.4	17.4	17.3	17.3	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.1	17.1	17.1	17.1	17.0
MP5（μSv/h）	15.6	15.5	15.5	15.6	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.6	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西北西	西北西	北西	西	西北西	西	西北西	西北西	西北西	西北西	西北西	西	西	西北西	西	西	西	西	西	西	西	西
風速（m/s）	6.9	6.1	4.2	4.3	5.5	5.2	5.8	6.8	7.3	6.8	6.0	7.2	5.9	5.0	6.0	8.7	10.0	9.6	10.9	9.6	12.6	12.4

3/17/2011																						
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30
MP1（μSv/h）	23.9	23.8	23.7	23.6	23.6	23.6	23.5	23.6	23.6	23.6	23.5	23.5	23.5	23.5	23.5	23.4	23.4	23.4	23.3	23.3	23.3	23.3
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	24.2	24.2	24.2	24.0	23.9	24.0	23.9	23.9	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.6	23.7	23.6	23.6	23.5	23.5
MP4（μSv/h）	17.0	17.0	16.9	16.9	16.8	16.8	16.8	16.7	16.7	16.6	16.7	16.6	16.6	16.6	16.6	16.5	16.5	16.5	16.5	16.5	16.5	16.5
MP5（μSv/h）	15.5	15.5	15.4	15.4	15.4	15.4	15.4	15.2	15.1	15.2	15.1	15.1	15.1	15.0	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西	西	西	西	西	西	西北西	西	西	西	西	西	西	西	西	西	西	西	西北西	西	西	西
風速（m/s）	11.4	12.3	11.7	11.3	12.6	8.7	9.5	9.4	8.6	10.5	11.7	10.8	11.0	10.5	11.2	15.2	12.8	13.1	13.0	15.1	17.2	16.9

3/17/2011																						
モニタリングポスト	7:40	7:50	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
MP1（μSv/h）	23.3	23.2	23.2	23.2	23.2	23.1	23.0	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.8	22.8	22.8	22.7	22.8	22.7	22.6	22.6
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	23.5	23.5	23.5	23.5	23.4	23.4	23.5	23.4	23.3	23.4	23.4	23.2	23.2	23.1	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1
MP4（μSv/h）	16.4	16.4	16.4	16.3	16.3	16.3	16,3	16.3	16.3	16.2	16.1	16.1	16.1	16.1	16.0	16.1	16.1	16.0	16.0	16.1	16.0	16.0
MP5（μSv/h）	14.8	14.8	14.8	14.8	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.6	14.6	14.6	14.6	14.6	14.6	14.5	14.5	14.5	14.5
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西	西	西	西	西	西	西	西	西	西	西	西	西	西	西	西	西	西	西	西	西	西
風速（m/s）	18.1	16.5	18.8	19.1	19.0	16.8	16.1	16.7	19.2	17.3	14.5	15.7	14.6	14.3	16.7	17.6	16.4	16.8	17.8	14.2	13.6	11.9

3/17/2011																						
モニタリングポスト	11:20	11:30	11:40	11:50	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50
MP1（μSv/h）	22.4	22.5	22.5	22.5	22.4	22.4	22.3	22.4	22.4	22.2	22.2	22.2	22.2	22.2	22.1	22.0	22.2	22.1	22.2	22.1	22.1	22.0
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	23.0	23.0	22.9	22.9	22.8	22.8	22.9	22.8	22.8	22.7	22.6	22.7	22.6	22.6	22.5	22.6	22.5	22.5	22.5	22.5	22.5	22.4
MP4（μSv/h）	16.0	15.9	15.9	15.9	15.9	15.9	15.9	15.7	15.8	15.8	15.8	15.8	15.7	15.7	15.7	15.7	15.7	15.6	15.6	15.6	15.5	15.6
MP5（μSv/h）	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.2	14.2	14.2	14.2	14.2
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西	西北西	北西	西	北西	西	西	西	西	西	西北西	西北西	西北西	西	北西	北西	北西	北西	北西	西	西	北西
風速（m/s）	11.6	7.9	7.9	7.9	6.0	9.2	11.2	9.2	8.2	8.7	9.1	7.5	8.8	7.3	8.5	8.4	8.7	9.2	8.1	8.0	7.4	3.2

3/17/2011																						
モニタリングポスト	15:00	15:10	15:20	15:30	15:40	15:50	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30
MP1（μSv/h）	21.9	21.9	21.9	21.8	21.8	21.8	21.8	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.6	21.6	21.4	21.5	21.4	21.4
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	22.5	22.4	22.4	22.4	22.4	22.4	22.4	22.3	22.3	22.3	22.2	22.1	22.2	22.1	22.0	22.0	22.0	22.0	21.9	22.0	21.9	22.0
MP4（μSv/h）	15.6	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.4	15.5	15.4	15.3	15.4	15.3	15.3	15.3	15.3	15.3	15.3	15.2	15.3
MP5（μSv/h）	14.2	14.2	14.2	13.5	13.6	14.2	14.1	14.1	14.1	14.1	14.1	14.2	14.1	14.1	14.0	14.1	14.0	14.0	14.0	14.0	14.0	14.0
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西	北西	西	西	西	西	西	北西	北西	北北西	西北西	西	西	西	西	西	西	西	西	西北西	西	西
風速（m/s）	5.3	3.6	6.3	6.9	8.4	9.2	7.8	4.6	2.5	4.2	3.7	2.0	5.0	10.6	11.2	14.5	12.3	11.4	13.9	14.2	13.6	12.1

3/17/2011																						
モニタリングポスト	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10
MP1（μSv/h）	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.2	21.2	21.2	21.2	21.2	21.1	21.1	21.1	21.1	21.1	21.0	21.0
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	21.9	21.9	21.9	21.9	21.9	21.7	21.8	21.8	21.8	21.6	21.6	21.6	21.7	21.7	21.6	21.5	21.6	21.6	21.5	21.5	21.5	21.5
MP4（μSv/h）	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.1	15.2	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.0
MP5（μSv/h）	14.0	14.0	14.0	13.9	14.0	13.9	13.9	13.9	13.8	13.9	13.8	13.8	13.8	13.8	13.8	13.7	13.7	13.7	13.7	13.7	13.6	13.6
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西		西北西	西	西	西	西北西	西	北西	西北西	西北西	西北西	北北西	北	西北西	西	北西	北東	北西	北西	北西	西北西
風速（m/s）	11.0	9.5	9.2	11.4	10.3	9.5	8.7	8.1	6.2	6.7	5.2	4.1	2.6	5.1	4.0	3.9	1.5	0.9	2.6	3.1	3.7	2.8

3/17/2011										
モニタリングポスト	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	21.1	21.0	21.0	21.0	20.9	21.0	20.9	20.8	20.8	20.8
MP2（μSv/h）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/h）	21.5	21.5	21.5	21.4	21.4	21.4	21.4	21.4	21.3	21.3
MP4（μSv/h）	15.1	15.0	15.0	14.9	15.0	14.9	14.9	14.9	14.9	14.8
MP5（μSv/h）	13.6	13.5	13.6	13.5	13.4	13.4	13.4	13.4	13.4	13.4
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測

MP7（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北西	西北西	北西	西北西	西	西	西	西	西
風速（m/ｓ）	2.6	2.3	1.7	2.8	6.7	6.9	8.7	8.3	7.2	5.0

福島第二（2F）（事業者のモニタリングポスト）

3/18/2011																						
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30
MP1（μSv/ｈ）	20.8	20.8	20.7	20.7	20.7	20.7	20.7	20.7	20.6	20.6	20.6	20.6	20.6	20.7	20.5	20.5	20.5	20.5	20.4	20.5	20.4	20.4
MP2（μSv/ｈ）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/ｈ）	21.3	21.3	21.3	21.3	21.2	21.1	21.0	21.1	21.1	21.1	21.0	21.0	20.9	21.0	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
MP4（μSv/ｈ）	14.8	14.8	14.8	14.8	14.7	14.7	14.7	14.6	14.6	14.7	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.5	14.6	14.6
MP5（μSv/ｈ）	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
MP6（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西北西	西北西	西	西	西	西北西	北西	北西	北西	北西	北西	北西	北西	西北西	北西	北西	北北西	北北西	北	北	北	北西
風速（m/ｓ）	5.2	8.1	8.0	7.7	6.8	7.0	7.3	6.1	5.6	6.4	6.5	6.7	7.7	7.2	6.0	5.2	5.1	2.3	3.4	3.9	3.9	3.1

3/18/2011																						
モニタリングポスト	3:40	3:50	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10
MP1（μSv/ｈ）	20.3	20.3	20.4	20.3	20.3	20.3	20.3	20.2	20.3	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.1	20.1	20.1	20.1	20.0	20.1
MP2（μSv/ｈ）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中
MP3（μSv/ｈ）	20.9	20.9	20.8	20.8	20.8	20.8	20.8	20.7	20.7	20.7	20.5	20.5	20.6	20.5	20.5	20.5	20.5	20.5	20.4	20.4	20.4	20.4
MP4（μSv/ｈ）	14.6	14.6	14.5	14.5	14.5	14.5	14.5	14.4	14.5	14.5	14.4	14.5	14.4	14.3	14.3	14.3	14.3	14.3	14.3	14.2	14.2	14.2
MP5（μSv/ｈ）	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.0	13.0	12.9	12.8	12.6	12.7	12.5	12.5
MP6（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北西	北西	北西	北西	北北西	北	北	北	北	北	北	北	北	北西	西	北北西	北北西	西北西	北西	北西	北西	北北西
風速（m/ｓ）	3.0	3.1	2.8	2.6	4.2	5.4	5.0	4.5	2.9	3.0	3.4	2.0	1.8	1.1	1.4	2.8	3.6	2.8	5.9	6.6	5.0	2.8

3/18/2011																						
モニタリングポスト	7:20	7:30	7:40	7:50	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50
MP1（μSv/ｈ）	20.1	20.0	20.0	20.0	20.0	19.8	19.8	19.8	19.7	19.8	19.8	19.7	19.7	19.7	19.7	19.7	19.7	19.6	19.5	19.5	19.5	19.4
MP2（μSv/ｈ）	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	点検中	11.9	11.9	11.9	11.9	11.8	11.8	11.8	11.7	11.7	11.8	11.7
MP3（μSv/ｈ）	20.3	20.4	20.4	20.3	20.3	20.3	20.2	20.3	20.1	20.2	20.1	20.1	20.1	20.0	20.0	20.0	19.9	19.9	19.9	19.9	19.9	19.8
MP4（μSv/ｈ）	14.2	14.2	14.2	14.2	14.1	14.1	14.2	14.1	14.1	14.1	14.0	14.0	14.0	13.9	13.9	13.9	13.9	13.9	13.9	13.8	13.8	13.8
MP5（μSv/ｈ）	12.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4
MP6（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測

9/16/2011 10:01 PM

MP7（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北西	北	西北西	北北西	北西	北西	北	北西	北北西	北北西	北北西	北北西	北北西	北北西	西北西	西北西	北西	北西	北西	北西	北西
風速（m/ｓ）	1.3	1.4	1.7	2.8	6.5	5.8	4.4	3.2	3.9	7.2	5.6	4.9	7.6	5.0	5.8	6.1	5.7	4.1	4.0	3.4	3.2	3.9

福島第二（2F）（事業者のモニタリングポスト）

3/18/2011																						
モニタリングポスト	11:00	11:10	11:20	11:30	11:40	11:50	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30
MP1（μSv/h）	19.4	19.4	19.4	19.3	19.3	19.3	19.3	19.2	19.2	19.2	19.2	19.2	19.4	19.3	19.4	19.6	19.6	19.8	19.3	19.3	19.2	19.2
MP2（μSv/h）	11.7	11.7	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.6	11.6	11.6	11.7	11.7	11.9	11.8	12.0	12.2	11.7	11.7	11.6	11.6
MP3（μSv/h）	19.8	19.8	19.8	19.8	19.6	19.7	19.7	19.5	19.6	19.5	19.6	19.5	19.6	19.5	19.8	19.8	20.0	19.9	19.7	19.6	19.6	19.5
MP4（μSv/h）	13.8	13.8	13.7	13.8	13.8	13.7	13.7	13.7	13.7	13.7	13.6	13.6	13.7	13.7	13.8	13.8	14.1	14.1	13.8	13.8	13.8	13.7
MP5（μSv/h）	12.4	12.4	12.3	12.4	12.3	12.3	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.2	12.5	12.5	12.5	12.5	12.5	12.3	12.3	12.3
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	西	南西	南南東	南南東	南	南南東	南東	南東	南東	南南東	南東	南東	南東	南東	南東	南東	南東	東南東	東南東	東	東
風速（m/s）	2.7	1.9	2.1	5.4	5.6	5.7	5.8	5.4	5.1	5.7	4.9	3.8	3.6	4.4	3.0	4.1	3.6	1.9	3.7	4.2	4.3	4.5

3/18/2011																						
モニタリングポスト	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10
MP1（μSv/h）	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.0	19.0	18.9	18.9	18.9	18.8	18.8	18.7	18.7	18.7	18.7	18.7	18.7	18.7
MP2（μSv/h）	11.6	11.6	11.6	11.6	11.6	11.6	11.5	11.5	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.3	11.3	11.3	11.3	11.3	11.3	11.3
MP3（μSv/h）	19.5	19.5	19.5	19.5	19.4	19.4	19.4	19.3	19.3	19.3	19.3	19.2	19.3	19.2	19.2	19.2	19.2	19.1	19.1	19.0	19.1	19.1
MP4（μSv/h）	13.7	13.7	13.7	13.7	13.7	13.6	13.6	13.5	13.5	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.4	13.3	13.3	13.4	13.3
MP5（μSv/h）	12.2	12.2	12.3	12.2	12.2	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.8
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東南東	南東	東南東	東南東	南東	南東	南南東	南	南東	東南東	南	南南東	南南東	南	南南東	南南東	南南東	南	南	南	南	南
風速（m/s）	3.3	3.1	2.9	2.8	3.3	2.5	3.0	1.7	2.2	0.6	2.2	2.4	1.4	2.3	3.9	2.4	2.0	2.0	1.7	3.3	2.5	2.2

3/18/2011																						
モニタリングポスト	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50
MP1（μSv/h）	18.7	18.7	18.7	18.7	18.7	18.7	18.6	18.6	18.6	18.7	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5
MP2（μSv/h）	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.2	11.3	11.2	11.2	11.2	11.2	11.2	11.2	11.2
MP3（μSv/h）	19.0	18.9	19.0	18.9	19.0	19.0	18.9	18.9	18.8	18.9	18.9	18.9	18.8	18.9	18.8	18.9	18.8	18.8	18.8	18.8	18.8	18.9
MP4（μSv/h）	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.2	13.3	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.1	13.1	13.1	13.1	13.1
MP5（μSv/h）	11.9	11.8	11.9	11.9	11.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.7	11.8
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南	南	南	南	南	南	南西	南	南	南南西	南南西	南西	南西	西南西	南西	南西	西南西	西南西	西南西	西南西	西南西	西
風速（m/s）	2.2	2.2	1.6	4.2	4.5	3.6	4.3	3.1	2.2	3.8	3.7	5.0	5.8	1.7	3.2	2.5	5.1	5.6	5.8	6.1	5.9	5.6

福島第二（2F）（事業者のモニタリングポスト）

3/18/2011													
モニタリングポスト	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50	0:00
MP1（μSv/h）	18.5	18.5	18.5	18.4	18.4	18.4	18.3	18.3	18.3	18.3	18.2	18.2	18.2
MP2（μSv/h）	11.2	11.2	11.1	11.2	11.1	11.1	11.2	11.1	11.1	11.1	11.1	11.1	11.1
MP3（μSv/h）	18.8	18.8	18.8	18.8	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.6	18.7
MP4（μSv/h）	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.0	12.9	12.9	12.9
MP5（μSv/h）	11.8	11.9	11.6	11.6	11.8	11.9	11.9	11.7	11.7	11.7	11.7	11.7	11.7
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西	西	西	西	西南西	南西	西南西	南西	南西	南西	南西	南	南西
風速（m/s）	5.0	5.0	3.9	4.5	3.9	2.5	2.6	2.3	2.0	2.5	1.7	1.4	0.3

福島第二（2F）（事業者のモニタリングポスト）

3/19/2011																								
モニタリングポスト	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50	4:00
MP1（μSv/h）	18.2	18.2	18.2	18.1	18.1	18.1	18.1	18.1	18.1	18.0	18.0	17.9	18.0	18.0	17.9	17.8	17.9	17.8	17.8	17.9	17.8	17.8	17.7	17.7
MP2（μSv/h）	10.9	11.0	11.0	11.0	10.8	10.9	10.9	10.9	10.8	10.9	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.7	10.7	10.7
MP3（μSv/h）	18.7	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.4	18.4	18.4	18.4	18.4	18.3	18.4	18.3	18.3	18.3	18.2	18.3	18.2	18.2	18.2	18.2
MP4（μSv/h）	12.9	12.9	12.9	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.7	12.8	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.6	12.6
MP5（μSv/h）	11.7	11.7	11.6	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.5	11.6	11.6	11.5	11.5	11.5	11.5	11.4	11.5	11.4
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南西	南西	南	南	南	南	南	南南西	南	南南西	南南西	南	南	南	南	南	南	南	南	南	南	南南西	南	南
風速（m/s）	1.6	1.4	0.6	0.6	1.2	1.5	3.5	3.6	3.6	5.4	5.1	5.8	6.5	6.6	5.8	5.6	4.9	4.4	3.6	4.1	5.8	4.9	3.3	3.8

3/19/2011																								
モニタリングポスト	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50	8:00
MP1（μSv/h）	17.7	17.6	17.0	17.7	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.5	17.5	17.5	17.5	17.5	17.5	17.4	17.4	17.4	17.4	17.3	17.3	17.3
MP2（μSv/h）	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	10.7	10.6	10.6	10.7	10.6	10.6	10.6	10.5	10.5	10.5	10.5
MP3（μSv/h）	18.1	18.0	18.0	18.0	17.9	18.0	17.9	17.9	17.9	17.8	17.9	17.9	17.8	17.8	17.8	17.8	17.7	17.7	17.8	17.7	17.7	17.7	17.7	17.7
MP4（μSv/h）	12.6	12.6	12.6	12.6	12.6	12.5	12.6	12.6	12.5	12.5	12.5	12.5	12.5	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.3	12.3	12.3
MP5（μSv/h）	11.4	11.5	11.4	11.4	11.4	11.4	11.3	11.3	11.3	11.2	11.2	11.2	11.1	11.1	11.1	11.2	11.1	11.0	11.0	11.0	11.0	10.9	10.9	10.9
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南	南南西	南	南	南	南	南南西	南南西	南西	南西	南南西	南	南南西	南	南	南	南	南南西	南南西	南南西	南	南南西	南南西	南

9/16/2011 10:01 PM

風速（m/s）	4.0	5.9	5.6	3.6	5.1	5.2	5.9	5.0	7.2	8.3	6.6	6.1	6.1	6.2	7.7	6.4	6.5	6.0	5.7	4.2	4.0	3.9	4.4	5.5

3/19/2011																								
モニタリングポスト	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50	12:00
MP1（μSv/h）	17.3	17.3	17.3	17.2	17.2	17.2	17.1	17.0	17.1	17.1	17.1	17.0	16.9	17.0	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.8	16.9	16.8
MP2（μSv/h）	10.5	10.5	10.4	10.4	10.4	10.3	10.3	10.3	10.2	10.3	10.2	10.2	10.2	10.2	10.2	10.1	16.1	10.6	10.6	10.6	10.6	10.6	10.6	10.6
MP3（μSv/h）	17.6	17.7	17.6	17.7	17.6	17.6	17.5	17.4	17.4	17.5	17.4	17.4	17.4	17.4	17.3	17.3	17.3	17.3	17.2	17.2	17.1	17.1	17.1	17.1
MP4（μSv/h）	12.3	12.3	12.3	12.2	12.2	12.2	12.2	12.2	12.2	12.1	12.1	12.1	12.1	12.1	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.9	11.9	11.8
MP5（μSv/h）	10.9	10.9	10.9	10.9	10.9	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南西	西	南西	南	南	南南東	南	南	南	南	南	南	南	南	南南東	南東	南東	南南東	南南東	南南東	南東	南南東	南南東	南南東
風速（m/s）	5.8	1.7	2.9	2.5	1.7	3.5	4.1	4.3	6.3	6.4	7.7	6.8	7.1	7.8	8.1	4.6	5.0	7.5	8.0	8.3	6.3	7.4	8.3	8.2

福島第二（2F）（事業者のモニタリングポスト）

3/19/2011																								
モニタリングポスト	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50	16:00
MP1（μSv/h）	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7	16.8	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.6	16.6
MP2（μSv/h）	10.6	10.5	10.5	10.5	10.4	10.5	10.5	10.4	10.4	10.4	10.4	10.4	10.2	10.3	10.3	10.3	10.2	10.3	10.3	10.3	10.2	10.2	10.2	10.2
MP3（μSv/h）	17.0	17.0	17.1	17.0	17.0	17.0	17.0	17.0	17.0	16.9	16.9	17.0	17.0	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
MP4（μSv/h）	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.7	11.8	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.6	11.5
MP5（μSv/h）	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.7	10.7	10.8	10.7	10.7	10.7	10.6	10.6	10.6	10.5	10.5	10.5	10.6	10.5	10.4	10.4
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南南東	南南東	南南東	南南西	西	西	西	西	西北西	西北西	西	西	西	西	西	西	西	西北西	西	西北西	西	西	西	西
風速（m/s）	9.4	6.3	5.6	5.0	8.9	11.2	10.2	11.9	11.0	7.2	6.0	7.1	5.8	8.6	5.4	8.6	10.6	8.3	8.1	4.1	6.9	5.0	2.8	3.3

3/19/2011																								
モニタリングポスト	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50	20:00
MP1（μSv/h）	16.5	16.5	16.5	16.5	16.5	16.4	16.913	16.867	16.840	16.890	16.820	16.800	16.827	16.723	16.720	16.743	16.803	16.773	16.747	16.740	16.730	16.707	16.710	16.657
MP2（μSv/h）	10.2	10.2	10.2	10.2	10.2	10.2	10.220	10.190	10.220	10.180	10.210	10.207	10.160	10.193	10.157	10.167	10.163	10.167	10.153	10.143	10.133	10.107	10.090	10.083
MP3（μSv/h）	16.9	16.8	16.8	16.9	16.8	16.8	17.027	17.067	17.003	17.040	17.027	17.007	16.997	16.963	16.890	16.860	16.890	16.980	16.853	16.887	16.797	16.797	16.807	16.820
MP4（μSv/h）	11.6	11.6	11.5	11.6	11.5	11.5	11.633	11.640	11.683	11.680	11.647	11.660	11.663	11.643	11.650	11.637	11.593	11.617	11.620	11.607	11.590	11.547	11.557	11.550
MP5（μSv/h）	10.4	10.4	10.4	10.4	10.4	10.3	11.567	11.560	11.567	11.567	11.567	11.567	11.567	11.527	11.567	11.560	11.507	11.553	11.513	11.507	11.467	11.467	11.467	11.467
MP6（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	13.020	12.997	13.003	12.970	12.960	12.980	12.967	12.960	12.967	12.937	12.930	12.887	12.917	12.863	12.933	12.883	12.920	12.887
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西	西	西	西	西	西	西	西	西	西	西	西	西北西	西	西北西	北西	西北西	西	西北西	西北西	西北西	西北西	西北西	西北西
風速（m/s）	6.2	7.7	9.7	10.7	7.7	7.9	8.0	5.5	6.8	2.7	5.4	6.1	3.0	2.6	3.5	1.8	2.5	3.7	2.7	5.3	6.5	5.5	4.7	2.6

3/19/2011																								
モニタリングポスト	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50	0:00
MP1（μSv/h）	16.710	16.623	16.613	16.610	16.590	16.583	16.550	16.547	16.583	16.510	16.557	16.517	16.483	16.470	16.470	16.420	16.453	16.423	16.420	16.433	16.443	16.367	16.400	16.353
MP2（μSv/h）	10.103	10.083	10.097	10.077	10.077	10.080	10.037	10.000	10.730	9.990	10.027	10.017	10.003	9.997	9.973	9.967	9.990	9.950	9.933	9.970	9.923	9.910	9.953	9.903
MP3（μSv/h）	16.800	16.817	16.763	16.760	16.727	16.737	16.703	16.707	16.710	16.713	16.650	16.657	16.657	16.603	16.663	16.620	16.627	16.560	16.533	16.493	16.537	16.480	16.553	16.503
MP4（μSv/h）	11.560	11.503	11.523	11.513	11.497	11.480	11.497	11.477	11.440	11.493	11.507	11.457	11.457	11.447	11.443	11.470	11.440	11.387	11.423	11.420	11.387	11.410	11.400	11.367
MP5（μSv/h）	11.467	11.373	11.467	11.387	11.467	11.467	11.367	11.380	11.367	11.367	11.367	11.367	11.373	11.367	11.313	11.360	11.313	11.273	11.280	11.267	11.267	11.287	11.267	11.267
MP6（μSv/h）	12.867	12.867	12.810	12.837	12.827	12.787	12.807	12.800	12.770	12.793	12.787	12.747	12.730	12.743	12.730	12.703	12.717	12.710	12.703	12.663	12.673	12.650	12.643	12.590
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西北西	北北西	北北西	北	南	南	南南西	西南西	西南西	西南西	西	西北西	西	西南西	西	西南西	西南西	西	西	西	西	西南西	西	西
風速（m/s）	1.4	1.6	1.8	0.9	3.2	1.9	1.8	3.4	5.1	8.8	10.8	11.9	10.8	5.7	4.8	6.8	7.1	8.4	9.0	8.3	6.8	6.0	7.1	6.3

福島第二（2F）（事業者のモニタリングポスト）

3/20/2011																								
モニタリングポスト	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50	4:00
MP1（μSv/h）	16.340	16.333	16.300	16.927	16.267	16.327	16.243	16.243	16.257	16.200	16.227	16.160	16.153	16.133	16.090	16.117	16.147	16.123	16.087	16.027	16.020	16.073	15.957	15.970
MP2（μSv/h）	9.920	9.863	9.917	9.887	9.863	9.880	9.867	9.840	9.890	9.813	9.820	9.783	9.770	9.757	9.787	9.750	9.733	9.743	9.710	9.727	9.710	9.687	9.720	9.697
MP3（μSv/h）	16.483	16.460	16.407	16.410	16.427	16.363	16.327	16.377	16.343	16.333	16.297	16.263	16.253	16.293	16.233	16.207	16.093	16.173	16.130	16.147	16.080	16.153	16.100	16.117
MP4（μSv/h）	11.323	11.323	11.303	11.320	11.303	11.300	11.303	11.290	11.233	11.310	11.277	11.267	11.247	11.190	11.187	11.197	11.210	11.150	11.177	11.170	11.157	11.093	11.130	11.130
MP5（μSv/h）	11.267	11.260	11.213	11.207	11.300	11.167	11.167	11.173	11.167	11.167	11.140	11.133	11.067	11.120	11.073	11.113	11.073	11.073	11.073	11.067	11.073	10.973	10.973	10.973
MP6（μSv/h）	12.613	12.647	12.603	12.600	11.167	12.597	12.563	12.557	12.587	12.533	12.503	12.513	12.527	12.523	12.527	12.490	12.470	12.460	12.487	12.443	12.423	12.447	12.453	12.387
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西	西南西	西	西	西	西南西	西北西	西	西北西	北西	北西	北西	西北西	西北西	西北西	西北西	西北西	西北西	西北西	西北西	西北西	西北西	西北西	西北西
風速（m/s）	6.8	7.7	10.2	9.6	6.4	7.9	9.1	8.9	9.0	10.8	9.4	9.4	10.3	9.0	11.2	8.8	10.5	9.7	8.8	9.8	8.6	8.8	9.0	6.9

3/20/2011																								
モニタリングポスト	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50	8:00
MP1（μSv/h）	16.007	16.010	15.953	15.973	15.940	15.937	15.910	15.900	15.910	18.700	20.417	17.670	20.740	17.830	17.177	16.870	19.260	21.310	20.917	20.984	19.613	19.030	19.127	18.153
MP2（μSv/h）	9.667	9.663	9.693	9.660	9.673	9.647	9.653	9.643	9.647	10.020	16.447	10.903	14.283	11.443	10.787	10.640	12.560	14.973	15.303	14.313	13.543	12.443	12.077	11.403
MP3（μSv/h）	16.130	16.050	16.073	16.083	16.087	16.033	16.017	16.043	16.037	16.040	24.170	17.930	19.593	18.590	17.777	17.330	20.087	21.017	23.634	20.984	20.460	19.863	19.963	19.510
MP4（μSv/h）	11.083	11.110	11.107	11.080	11.087	11.057	11.060	11.060	11.043	11.133	19.093	12.487	15.200	12.433	13.427	12.733	16.243	16.413	21.604	16.437	15.540	15.287	16.093	14.427
MP5（μSv/h）	10.973	10.973	10.973	10.973	10.973	10.973	10.973	10.973	10.973	11.387	20.974	12.533	12.533	15.500	14.153	13.013	15.927	17.160	25.774	17.227	15.687	16.147	16.393	14.200
MP6（μSv/h）	12.360	12.333	12.370	12.400	12.360	12.353	12.313	12.333	12.343	16.200	18.430	13.497	14.823	15.540	14.193	13.573	14.993	15.853	21.450	15.593	15.467	17.017	15.437	14.340
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西北西	西北西	西北西	北西	北西	北西	北西	北北西	北北西	北	北東	北東	北東	北東	北東	北北東	北北東	北東	北北東	北北東	北北東	北	南	東
風速（m/s）	6.1	4.0	3.8	3.8	4.4	5.5	5.2	.4.7	3.9	1.2	3.3	6.0	6.3	6.0	4.7	4.4	5.0	4.1	4.1	3.7	3.3	1.8	0.8	0.9

3/20/2011																								
モニタリングポスト	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50	12:00
MP1（μSv/h）	17.680	17.250	17.170	17.063	16.980	16.900	16.830	16.760	16.647	16.553	16.603	16.467	16.430	16.413	16.333	16.263	16.257	16.230	16.143	16.027	16.070	16.027	15.923	15.937
MP2（μSv/h）	10.913	10.303	10.227	10.173	10.153	10.077	10.053	10.013	9.973	9.893	9.887	9.863	9.830	9.770	9.780	9.757	9.730	9.683	9.693	9.657	9.617	9.603	9.570	9.563
MP3（μSv/h）	18.550	17.657	17.553	17.470	17.360	17.267	17.117	17.030	17.010	16.913	16.800	16.770	16.753	16.683	16.560	16.517	16.523	16.510	16.403	16.390	16.360	16.220	16.270	16.163
MP4（μSv/h）	13.650	12.923	12.693	12.573	12.470	12.390	12.297	12.217	12.110	12.023	11.983	11.907	11.870	11.800	11.773	11.697	11.720	11.630	11.570	11.520	11.497	11.480	11.427	11.420
MP5（μSv/h）	13.193	12.240	12.053	11.953	11.920	11.807	11.760	11.707	11.587	11.567	11.480	11.467	11.420	11.367	11.320	11.267	11.267	11.220	11.167	11.167	11.073	11.073	11.073	11.067
MP6（μSv/h）	13.860	13.240	13.187	13.117	13.050	13.003	12.937	12.897	12.820	12.810	12.767	12.713	12.670	12.640	12.587	12.527	12.537	12.460	12.500	12.453	12.460	12.400	12.383	12.337
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東北東	東北東	北東	東北東	東北東	東	南東	南東	東南東	南東	南東	東南東	東北東	東	北東	北東	北東	北東	北東	東	北東	北東	北東	北東
風速（m/s）	1.6	2.5	3.3	4.3	3.0	3.2	1.5	1.8	2.7	2.6	2.2	1.9	1.3	1.1	3.3	2.7	2.5	2.2	1.9	1.6	2.2	2.9	2.4	1.2

福島第二（2F）（事業者のモニタリングポスト）

3/20/2011																								
モニタリングポスト	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50	16:00
MP1（μSv/h）	15.967	15.917	15.880	15.850	15.790	15.787	15.797	15.710	15.717	15.713	15.687	15.697	15.667	15.643	15.587	15.553	15.543	15.560	15.507	15.453	15.470	15.457	15.473	15.453
MP2（μSv/h）	9.567	9.527	9.527	9.507	9.513	9.487	9.487	9.463	9.423	9.420	9.403	9.400	9.377	9.340	9.353	9.330	9.333	9.340	9.367	9.283	9.300	9.270	9.280	9.293
MP3（μSv/h）	16.060	16.163	16.117	16.103	16.050	15.987	15.987	15.933	15.947	15.863	15.900	15.850	15.803	15.803	15.780	15.743	15.777	15.730	15.723	15.693	15.693	15.663	15.610	15.663
MP4（μSv/h）	11.403	11.343	11.320	11.270	11.263	11.257	11.190	11.180	11.127	11.133	11.097	11.067	11.057	11.057	11.030	10.997	10.970	10.940	10.923	10.967	10.920	10.883	10.843	10.880
MP5（μSv/h）	10.973	10.973	10.973	10.880	10.873	10.873	10.873	10.873	10.847	10.780	10.780	10.813	10.780	10.773	10.733	10.707	10.687	10.680	10.680	10.680	10.627	10.680	10.587	10.633
MP6（μSv/h）	12.347	12.277	12.307	12.263	12.210	12.193	12.147	12.160	12.130	12.123	12.123	12.063	12.063	12.063	12.043	12.033	12.077	12.020	11.960	12.000	11.963	11.937	11.943	11.930
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北東	東	東北東	東	東	東	東南東	南南東	東南東	東南東	南南東	南南東	南東	南東	南南東	南東	南南東	南南東	南南東	南	南	南南西	南	南
風速（m/s）	2.0	1.3	1.7	2.6	2.5	2.5	2.2	1.9	1.5	1.4	1.9	2.4	1.8	2.7	2.5	1.9	2.2	3.2	3.6	2.9	2.9	0.7	0.4	1.2

3/20/2011																								
モニタリングポスト	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50	20:00
MP1（μSv/h）	15.477	15.423	15.390	15.357	15.387	15.380	15.350	15.340	15.347	15.327	15.323	15.270	15.307	15.263	15.250	15.290	15.210	15.223	15.213	15.183	15.137	15.150	15.153	15.173
MP2（μSv/h）	9.280	9.283	9.233	9.267	9.230	9.243	9.203	9.230	9.207	9.210	9.227	9.190	9.230	9.197	9.180	9.160	9.197	9.187	9.147	9.133	9.200	9.173	9.160	9.170
MP3（μSv/h）	15.583	15.557	15.593	15.500	15.540	15.497	15.520	15.517	15.537	15.437	15.503	15.450	15.453	15.400	15.360	15.383	15.393	15.333	15.393	15.360	15.357	15.370	15.310	15.317
MP4（μSv/h）	10.883	10.870	10.827	10.850	10.803	10.803	10.820	10.787	10.817	10.823	10.767	10.753	10.750	10.777	10.730	10.740	10.680	10.717	10.703	10.703	10.717	10.680	10.697	10.683
MP5（μSv/h）	10.587	10.587	10.580	10.580	10.587	10.587	10.587	10.587	10.553	10.540	10.587	10.520	10.480	10.480	10.513	10.480	10.480	10.480	10.433	10.487	10.447	10.480	10.487	10.440
MP6（μSv/h）	11.900	11.900	11.890	11.863	11.880	11.860	11.853	11.847	11.843	11.863	11.803	11.843	11.820	11.820	11.820	11.803	11.787	11.737	11.767	11.730	11.767	11.783	11.763	11.763
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北北西	西	北	南	南	南南西	南	東北東	南西	南	西南西	西	西南西	北西	南西	南西	西南西	南西	北北東	北東	北東	北東	南
風速（m/s）	0.6	0.8	0.7	0.2	0.2	0.3	1.2	0.7	0.1	0.8	0.6	0.5	0.6	0.8	0.5	1.3	1.1	1.3	0.3	0.7	0.6	0.5	0.9	0.0

3/20/2011																								
モニタリングポスト	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50	0:00
MP1（μSv/h）	15.203	15.127	15.150	15.140	15.173	15.127	15.093	15.073	15.097	14.997	15.060	15.097	15.923	17.843	15.900	15.823	15.667	15.617	15.357	15.377	15.377	15.273	15.243	15.213
MP2（μSv/h）	9.143	9.123	9.157	9.140	9.140	9.117	9.097	9.093	9.083	9.120	9.067	9.090	9.200	10.477	9.813	9.693	9.610	9.657	9.437	9.447	9.363	9.313	9.303	9.270
MP3（μSv/h）	15.280	15.270	15.330	15.353	15.263	15.337	15.247	15.247	15.193	15.203	15.247	15.260	15.213	15.573	15.393	15.723	15.647	15.757	15.513	15.507	15.423	15.370	15.400	15.353
MP4（μSv/h）	10.670	10.677	10.650	10.670	10.653	10.673	10.627	10.610	10.620	10.573	10.620	10.607	10.587	10.957	10.900	11.127	11.013	11.167	11.007	10.857	10.907	10.817	10.873	10.787
MP5（μSv/h）	10.400	10.427	10.433	10.387	10.473	10.387	10.387	10.387	10.387	10.380	10.380	10.387	10.380	10.680	10.933	11.067	10.880	11.120	10.973	10.760	10.780	10.680	10.680	10.580
MP6（μSv/h）	11.680	11.720	11.707	11.717	11.693	11.717	11.687	11.697	11.717	11.660	11.653	11.613	11.633	12.037	12.517	12.293	12.077	12.133	12.040	11.900	11.890	11.790	11.810	11.780
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北東	西北西	南南東	東北東	北北東	北北東	北	北	北	北北西	北北西	北北西	北	北	北北西	北北西	北	北	北	北	北北西	北北西	北北西	北北西
風速（m/s）	0.5	0.0	0.2	0.5	1.4	1.3	1.3	1.1	1.4	1.9	2.2	2.4	2.5	2.4	1.2	0.8	0.6	2.3	5.1	2.5	1.3	1.6	1.9	2.4

福島第二（2F）（事業者のモニタリングポスト）

3/21/2011																								
モニタリングポスト	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50	4:00
MP1（μSv/h）	15.153	15.113	15.130	15.070	15.060	15.103	15.193	15.243	15.350	15.587	15.420	15.757	15.497	16.813	16.227	15.260	15.037	15.030	15.027	14.950	15.040	14.943	14.973	14.940
MP2（μSv/h）	9.223	9.193	9.137	9.113	9.093	9.110	9.143	9.220	9.293	9.370	9.373	9.513	9.490	10.510	9.877	9.167	9.003	8.997	8.990	8.977	8.957	8.990	8.957	8.943
MP3（μSv/h）	15.273	15.277	15.237	15.213	15.180	15.137	15.160	15.110	15.260	15.317	15.363	15.413	15.247	16.433	15.583	15.030	15.030	14.977	14.993	14.943	14.973	14.953	14.950	14.960
MP4（μSv/h）	10.730	10.673	10.693	10.640	10.637	10.603	10.610	10.623	10.690	10.760	10.800	10.820	10.880	11.757	12.027	10.517	10.467	10.457	10.460	10.430	10.433	10.467	10.450	10.427
MP5（μSv/h）	10.533	10.487	10.487	10.387	10.387	10.387	10.380	10.413	10.433	10.480	10.633	10.640	10.913	11.633	12.513	10.433	10.287	10.287	10.287	10.227	10.287	10.240	10.220	10.187
MP6（μSv/h）	11.733	11.693	11.677	11.633	11.607	11.660	11.613	11.667	11.663	11.697	11.747	11.707	11.923	12.087	13.337	11.780	11.517	11.547	11.513	11.470	11.510	11.507	11.483	11.497
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北北西	北北西	北北西	北	北	北北西	北西	北北西	北西	北	北北西	北西	北西	北西	西北西	西北西	西北西	北西	北北西	西北西	北西	北西	西北西
風速（m/s）	1.3	1.7	1.6	2.0	3.2	1.9	1.8	1.4	1.1	1.3	1.3	1.4	1.3	1.1	0.9	0.5	0.6	0.5	0.4	1.0	1.0	0.7	1.4	0.4

3/21/2011																								
モニタリングポスト	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50	8:00
MP1（μSv/h）	14.883	14.930	14.883	14.840	14.893	15.123	15.580	14.997	14.923	14.917	15.013	14.957	14.823	14.737	14.690	14.633	14.563	14.547	14.473	14.473	14.467	14.487	15.623	15.413
MP2（μSv/h）	8.960	8.920	8.927	8.907	8.917	8.950	9.670	9.027	9.000	8.953	9.260	9.063	8.917	8.837	8.797	8.747	8.633	8.627	8.553	8.617	8.590	9.017	12.857	10.767
MP3（μSv/h）	14.937	14.897	14.870	14.893	14.880	14.853	15.290	14.983	15.007	14.973	15.240	15.193	15.107	14.877	14.757	14.727	14.677	14.567	14.707	15.710	16.007	20.413	24.880	22.844
MP4（μSv/h）	10.450	10.460	10.433	10.380	10.413	10.407	11.043	10.730	10.547	10.540	10.710	10.740	10.740	10.407	10.340	10.237	10.173	10.170	10.113	10.763	10.863	13.090	19.050	17.527
MP5（μSv/h）	10.187	10.193	10.193	10.187	10.100	10.153	10.873	10.667	10.333	10.387	10.533	10.633	10.613	10.193	10.193	10.073	9.947	9.900	9.833	10.387	10.480	11.860	19.647	18.053
MP6（μSv/h）	11.433	11.450	11.417	11.423	11.457	11.433	11.863	11.693	11.440	11.473	11.627	11.547	11.573	11.357	11.333	11.277	11.190	11.183	11.047	11.057	11.167	11.373	13.073	16.087
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北北西	北北西	北	北	北	北東	北北東	北北東	北北東	北東	北東	北北東	北北東	北北東	北	北北東	北	北	北	北	北	北	北
風速（m/s）	0.7	0.5	1.9	1.8	1.3	0.9	2.5	2.9	2.9	3.7	2.9	3.3	3.5	3.0	5.6	6.1	5.4	6.5	5.8	5.0	4.4	4.3	3.3	4.6

3/21/2011																								
モニタリングポスト	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50	12:00
MP1（μSv/h）	20.987	36.294	50.254	34.704	33.504	35.174	38.697	24.467	23.794	22.160	21.834	21.374	21.094	20.884	20.760	20.423	20.060	21.597	23.924	27.280	23.367	21.844	21.180	20.927
MP2（μSv/h）	20.380	38.340	42.694	24.630	18.920	24.397	17.813	13.593	12.667	12.127	11.977	11.823	11.683	11.550	11.610	11.437	11.317	11.773	15.060	18.283	15.753	12.980	12.127	12.247
MP3（μSv/h）	28.370	34.600	28.524	20.160	18.797	18.727	17.970	17.653	17.447	17.273	17.263	17.100	17.057	16.997	16.953	16.960	16.940	16.903	18.830	22.074	22.647	20.113	20.163	21.924
MP4（μSv/h）	22.714	28.377	26.327	18.713	15.777	16.687	15.243	13.660	13.500	13.403	13.330	13.263	13.250	13.190	13.187	13.153	13.187	13.167	15.187	17.647	18.713	15.643	15.057	16.243
MP5（μSv/h）	21.687	30.114	28.907	20.053	16.767	17.547	16.427	12.700	12.607	12.507	12.460	12.347	12.347	12.347	12.300	12.347	12.307	12.347	14.913	17.393	19.247	14.920	14.113	15.407
MP6（μSv/h）	16.027	23.500	31.797	26.607	24.197	20.367	21.160	15.370	15.250	14.847	14.723	14.607	14.533	14.463	14.420	14.337	14.310	14.400	16.170	18.193	18.703	16.520	15.413	15.277
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北	北	北	北北東	北北東	北	北北東	北	北	北	北	北	北	北	北	北	北	北北東	北	北北東	北北東	北	北	北
風速（m/s）	5.4	4.2	3.7	6.2	5.3	13.7	6.6	7.4	7.1	6.3	8.0	8.2	8.8	7.9	6.3	5.0	6.4	5.6	5.0	3.5	6.3	7.0	6.5	6.3

福島第二（2F）（事業者のモニタリングポスト）

3/21/2011																								
モニタリングポスト	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50	16:00
MP1（μSv/h）	20.597	20.427	20.260	20.107	19.887	19.500	19.293	19.067	18.887	18.727	18.463	18.307	18.120	17.880	17.740	17.613	17.460	17.373	17.173	17.097	17.033	16.930	16.800	16.750
MP2（μSv/h）	12.000	11.880	12.197	12.417	12.147	11.630	11.293	11.173	11.097	10.993	10.877	10.727	10.640	10.477	10.413	10.327	10.200	10.153	10.203	10.140	10.080	10.073	9.997	9.957
MP3（μSv/h）	20.573	20.700	25.507	27.727	25.510	23.097	21.447	21.140	20.860	20.603	20.303	20.023	19.847	19.527	19.310	19.227	18.960	18.827	18.713	18.587	18.427	18.273	18.147	18.007
MP4（μSv/h）	15.377	15.307	18.253	19.037	17.800	16.210	15.260	15.067	14.917	14.790	14.617	14.453	14.380	14.167	13.990	14.050	13.860	13.870	13.903	13.823	13.720	13.627	13.493	13.397
MP5（μSv/h）	14.253	14.273	16.920	16.947	16.933	15.013	13.927	13.740	13.613	13.487	13.373	13.193	13.073	12.900	12.720	12.767	12.660	12.607	12.700	12.600	12.533	12.473	12.440	12.340
MP6（μSv/h）	15.233	15.133	15.383	15.547	15.690	15.347	14.843	14.697	14.603	14.463	14.343	14.210	14.070	13.903	13.827	13.820	13.740	13.700	13.770	13.710	13.600	13.583	13.523	13.427
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	7.290	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北東	北	北北東	北	北	北北東	北北東	北北東	北北東	北北東	北東	北東	北東	北東	北東	北東	北東	北東	北東	北東	北東	北東	北東	東北東
風速（m/s）	7.1	8.5	6.9	6.4	5.5	6.4	4.1	4.3	6.5	5.7	6.5	5.6	5.0	6.4	6.3	7.7	5.7	6.2	6.5	6.2	5.0	4.8	4.8	4.4

3/21/2011																								
モニタリングポスト	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50	20:00
MP1（μSv/h）	17.377	17.697	18.033	18.017	18.213	18.430	18.287	18.137	18.003	17.830	17.723	17.637	17.483	17.393	17.333	17.210	17.177	17.103	16.987	16.927	16.800	16.713	16.683	16.617
MP2（μSv/h）	10.783	11.360	11.830	11.850	12.063	12.310	12.210	12.063	11.997	11.850	11.700	11.557	11.507	11.430	11.297	11.277	11.120	11.097	10.987	10.953	10.900	10.843	10.727	10.710
MP3（μSv/h）	18.703	19.340	20.007	19.827	19.797	20.130	19.977	19.667	19.543	19.303	19.233	19.033	18.930	18.763	18.627	18.460	18.390	18.287	18.183	18.033	17.907	17.837	17.790	17.703
MP4（μSv/h）	14.330	14.980	15.737	15.660	15.770	16.127	15.913	15.760	15.680	15.510	15.337	15.230	15.090	14.977	14.910	14.790	14.710	14.623	14.517	14.413	14.340	14.257	14.157	14.083
MP5（μSv/h）	13.093	13.640	14.340	14.373	14.440	14.707	14.613	14.513	14.373	14.267	14.127	14.073	13.920	13.787	13.787	13.687	13.587	13.540	13.487	13.433	13.340	13.240	13.193	13.107
MP6（μSv/h）	14.293	15.097	15.863	16.030	15.977	16.313	16.227	16.023	15.943	15.783	15.593	15.513	15.420	15.303	15.183	15.110	14.997	14.957	14.813	14.763	14.737	14.593	14.577	14.470
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東北東	東北東	東	東	東	東北東	東	東	東	東北東	東北東	東北東	北東	北東	北東	北東	北東	北東	北東	北東	北北東	北北東	北北東	北
風速（m/s）	3.1	3.0	2.8	2.9	3.2	3.1	3.3	3.5	3.6	3.3	2.9	2.6	2.6	2.0	1.9	2.2	1.6	1.4	1.1	1.2	2.2	1.8	2.0	2.2

3/21/2011																							
モニタリングポスト	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	16.570	16.533	16.400	16.363	16.313	16.237	16.617	27.777	24.767	20.427	21.244	25.794	23.964	20.680	21.164	21.477	20.977	21.257	19.533	18.960	18.580	18.350	18.390
MP2（μSv/h）	10.667	10.633	10.537	10.490	10.497	10.443	10.583	20.037	19.770	16.260	15.897	17.097	25.594	15.273	15.000	16.183	15.620	14.590	13.247	12.553	12.583	11.893	12.127
MP3（μSv/h）	17.630	17.493	17.420	17.407	17.273	17.223	17.200	18.900	26.220	25.140	22.697	21.710	26.324	28.017	20.797	21.307	19.370	20.173	18.893	18.000	17.767	17.640	17.610
MP4（μSv/h）	14.043	13.977	13.903	13.833	13.793	13.753	13.693	14.157	19.700	23.404	20.380	17.690	22.524	29.884	20.347	18.333	17.013	16.710	15.357	15.133	14.983	14.757	14.453
MP5（μSv/h）	13.093	13.000	13.000	12.907	12.907	12.867	12.800	13.053	17.740	28.707	25.840	20.240	21.194	33.107	26.247	20.487	19.160	16.613	16.500	15.393	15.053	14.860	14.473
MP6（μSv/h）	14.417	14.387	14.347	14.207	14.173	14.127	14.073	14.170	16.543	21.870	21.790	17.807	18.390	26.530	18.433	16.757	16.920	15.577	15.923	15.383	14.787	14.890	14.937
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北	北西	北	北北西	北北西	北北西	北	北西	西北西	北北西	西北西	西	西	西	北北西	北西	西南西	西北西	北西	西北西	西	北北西	北北西
風速（m/s）	1.8	1.5	1.3	2.2	2.4	2.4	2.2	2.1	3.6	2.0	2.7	4.7	8.2	5.7	0.3	0.6	0.3	0.1	0.3	0.2	3.6	0.8	0.4

福島第二（2F）（事業者のモニタリングポスト）

3/22/2011																							
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	18.187	17.870	17.880	17.917	17.953	18.153	18.277	18.007	17.667	17.497	17.463	17.847	17.840	17.403	17.263	16.903	16.943	16.653	16.497	16.440	16.373	16.323	16.243	16.187
MP2（μSv/h）	11.920	11.683	11.673	11.567	11.743	11.840	12.010	11.733	11.423	11.327	11.247	11.480	11.767	11.397	11.183	10.850	10.817	10.643	10.500	10.420	10.357	10.340	10.233	10.263
MP3（μSv/h）	17.570	17.423	17.453	17.397	17.437	17.643	17.567	17.437	17.240	17.110	17.057	17.077	17.330	17.393	17.010	16.920	16.670	16.637	16.450	16.380	16.340	16.313	16.247	16.197
MP4（μSv/h）	14.283	14.293	14.587	14.500	14.577	14.530	14.503	14.527	14.400	14.090	13.870	13.793	13.983	14.387	13.973	13.903	13.507	13.600	13.300	13.250	13.143	13.110	13.090	13.013
MP5（μSv/h）	14.573	14.367	14.860	14.567	14.667	14.653	14.513	14.473	14.567	14.207	13.920	13.713	13.833	14.367	13.880	13.820	13.293	13.467	13.000	12.900	12.800	12.753	12.700	12.607
MP6（μSv/h）	14.930	14.730	14.793	14.837	14.793	14.723	14.670	14.740	14.607	14.467	14.173	14.033	14.193	14.560	14.147	14.113	13.717	13.893	13.570	13.460	13.413	13.387	13.333	13.317
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西	西北西	西	西	西	西	西北西	西	西	西南西	西	西南西	北北西	北	北北西	西	北北西	北北西	北北西	西	北北西	北	北	北
風速（m/s）	6.3	1.6	2.9	1.5	8.8	8.2	1.8	4.4	4.6	1.1	4.1	2.0	0.9	2.3	0.8	2.6	1.7	2.7	1.1	4.4	1.1	1.9	2.2	2.0

3/22/2011																							
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	16.160	16.140	16.100	16.213	17.327	19.673	18.193	18.620	18.310	17.980	17.803	17.690	17.463	17.250	17.173	17.103	16.910	16.763	16.683	16.490	16.463	16.440	16.380	16.263
MP2（μSv/h）	10.180	10.147	10.083	10.187	11.027	13.457	11.027	11.367	11.100	10.963	10.833	10.730	10.620	10.477	10.447	10.327	10.263	10.147	10.093	9.977	9.937	9.923	9.913	9.843
MP3（μSv/h）	16.153	16.177	16.073	16.160	17.037	16.577	16.457	16.650	16.673	16.573	16.483	16.380	16.237	16.157	16.093	15.983	16.017	15.880	15.800	15.710	15.777	15.673	15.667	15.597
MP4（μSv/h）	12.987	12.930	12.937	12.930	14.000	13.177	13.283	14.240	14.133	13.963	13.860	13.773	13.853	13.507	13.357	13.357	13.180	13.057	13.033	12.907	12.847	12.820	12.780	12.753
MP5（μSv/h）	12.607	12.527	12.507	12.507	13.433	13.040	12.940	14.160	13.993	13.687	13.580	13.413	13.200	13.087	13.000	12.860	12.700	12.607	12.507	12.373	12.347	12.293	12.247	12.213
MP6（μSv/h）	13.270	13.193	13.193	13.217	13.743	13.897	14.467	17.233	16.990	16.603	16.287	16.023	15.823	15.470	15.340	15.130	14.967	14.783	14.673	14.397	14.300	14.220	14.150	14.017
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北	北	北北東	北北東	北	北	北	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西
風速（m/s）	1.5	0.8	2.2	3.7	4.3	4.6	4.9	6.1	7.1	7.3	6.8	8.0	5.8	5.7	5.5	6.6	7.2	5.9	6.6	7.8	6.8	6.9	6.9	6.2

3/22/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/h）	16.220	16.107	16.087	16.007	15.910	15.913	15.847	15.787	15.760	15.737	15.663	15.593	15.550	15.510	15.387	15.413	15.330	15.340	15.300	15.247	15.220	15.183	15.130	15.157
MP2（μSv/h）	9.823	9.770	9.743	9.730	9.667	9.697	9.633	9.637	9.580	9.580	9.547	9.533	9.520	9.470	9.423	9.403	9.323	9.323	9.317	9.300	9.283	9.283	9.263	9.263
MP3（μSv/h）	15.567	15.550	15.563	15.440	15.477	15.450	15.447	15.377	15.333	15.350	15.313	15.333	15.323	15.243	15.193	15.117	15.103	15.127	15.107	15.020	15.033	15.080	15.067	15.017
MP4（μSv/h）	12.700	12.643	12.583	12.587	12.560	12.523	12.497	12.447	12.467	12.423	12.387	12.370	12.370	12.290	12.213	12.160	12.170	12.100	12.137	12.113	12.043	12.053	12.037	12.007
MP5（μSv/h）	12.153	12.127	12.060	12.047	11.960	11.953	11.953	11.947	11.893	11.907	11.853	11.807	11.760	11.753	11.660	11.660	11.560	11.467	11.467	11.467	11.467	11.433	11.407	11.380
MP6（μSv/h）	13.970	13.843	13.780	13.707	13.660	13.600	13.537	13.467	13.443	13.350	13.360	13.300	13.230	13.180	13.093	13.003	12.923	12.883	12.813	12.767	12.790	12.737	12.720	12.673
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北西	北西	北西	北西	北西	北西	北西	北北西	北北西	北北西	北北西	北	北北西	北北西	北北西	北北西	南西	北	北北西	北	北	北	北北西	北北西
風速（m/s）	6.5	6.5	6.8	6.6	5.4	4.9	3.8	4.7	4.2	3.6	3.9	4.0	2.8	2.1	3.3	3.8	1.4	3.0	3.3	2.9	3.0	3.5	2.5	3.0

福島第二（2F）（事業者のモニタリングポスト）

3/22/2011																			※					
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/h）	15.103	15.147	15.120	15.067	15.027	15.040	14.980	14.947	14.977	14.970	15.043	17.023	27.080	37.954	50.240	49.404	42.264	43.274	49.137	35.667	34.847	33.027	32.030	31.004
MP2（μSv/h）	9.217	9.213	9.197	9.227	9.197	9.213	9.183	9.227	9.173	9.157	9.197	10.097	11.110	35.497	42.387	39.347	30.564	30.410	27.444	20.557	18.973	17.087	16.583	16.110
MP3（μSv/h）	14.963	14.973	15.007	14.977	14.987	14.977	14.900	14.933	14.960	14.917	14.880	14.883	15.180	15.433	33.410	37.620	35.400	35.664	30.900	33.897	26.187	24.477	23.590	23.050
MP4（μSv/h）	12.027	11.980	11.987	11.970	11.970	11.987	11.920	11.937	11.963	11.907	11.910	11.887	12.113	15.360	33.177	35.780	35.740	29.424	26.357	28.927	21.004	19.737	19.027	18.623
MP5（μSv/h）	11.373	11.413	11.407	11.373	11.373	11.367	11.360	11.367	11.373	11.300	11.307	11.307	11.467	17.693	33.207	37.767	38.960	28.980	26.987	28.667	20.473	19.000	18.293	17.887
MP6（μSv/h）	12.657	12.613	12.610	12.617	12.547	12.567	12.520	12.470	12.460	12.473	12.450	12.460	12.770	18.403	28.297	30.274	33.717	27.834	26.014	28.264	21.794	19.733	19.287	18.947
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	22.200	欠測	欠測	欠測	欠測	欠測
風向	北北西	北	北	北	北	北北西	北	北	北	北	北北東	北	北	北北東	北北東	北北東	北北東	北東	北東	北東	北東	北北東	北東	北北東
風速（m/s）	3.0	2.5	2.9	2.9	3.3	2.5	2.7	3.4	4.3	3.9	3.5	2.8	2.5	1.9	2.6	3.1	2.9	3.5	2.9	3.0	2.8	2.5	3.7	3.5

※：MP-7については、東電社員が測定結果（1日1回）

3/22/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）	30.194	29.330	28.520	27.770	27.084	26.500	25.877	25.320	24.860	24.367	23.884	23.410	23.047	22.627	22.197	21.837	21.500	21.197	20.874	20.630	20.287	20.010	19.763	19.620
MP2（μSv/h）	15.743	15.413	15.080	14.743	14.447	14.173	13.870	13.667	13.443	13.183	13.010	12.800	12.597	12.487	12.297	12.100	11.967	11.820	11.683	11.543	11.457	11.283	11.190	11.113
MP3（μSv/h）	22.657	22.204	21.840	21.460	21.134	20.777	20.493	20.263	19.883	19.713	19.417	19.180	18.933	18.823	18.627	18.357	18.187	18.027	17.870	17.700	17.607	17.433	17.290	17.140
MP4（μSv/h）	18.280	17.893	17.583	17.303	17.030	16.783	16.483	16.317	16.057	15.803	15.623	15.420	15.250	15.040	14.913	14.727	14.607	14.487	14.340	14.173	14.023	13.947	13.830	13.717
MP5（μSv/h）	17.500	17.200	16.820	16.520	16.227	15.927	15.680	15.487	15.307	15.053	14.860	14.667	14.467	14.267	14.173	13.980	13.880	13.680	13.587	13.433	13.293	13.193	13.113	13.000
MP6（μSv/h）	18.600	18.307	17.973	17.660	17.433	17.183	16.973	16.667	16.460	16.240	16.057	15.850	15.667	15.480	15.310	15.230	15.023	14.897	14.793	14.640	14.507	14.393	14.287	14.143
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北東	北北東	北東	北東	北東	東北東	北東	北東	北北西	西北西	西	北北西	西	西	北	北	北	北	北	北西	北	北北西	北	北北西
風速（m/s）	3.3	3.3	2.7	2.7	2.2	1.9	1.8	0.4	0.5	0.5	4.6	1.0	4.8	0.4	0.7	1.1	0.8	1.1	1.2	1.1	0.9	1.1	0.8	1.5

3/22/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	19.557	19.463	19.583	19.733	19.363	19.537	19.217	19.027	18.700	18.907	18.427	18.640	18.320	18.220	17.957	17.563	17.307	17.107	16.927	16.773	16.727	16.667	16.560	16.440
MP2（μSv/h）	11.127	11.187	11.370	11.503	11.463	11.633	11.477	11.300	11.140	11.340	10.900	11.167	11.003	10.987	10.757	10.447	10.250	10.150	10.013	9.917	9.903	9.840	9.820	9.727
MP3（μSv/h）	17.057	17.000	17.090	17.240	17.183	16.990	17.300	16.850	16.700	16.787	16.760	16.457	16.520	16.523	16.363	16.127	16.037	15.893	15.777	15.667	15.603	15.523	15.537	15.397
MP4（μSv/h）	13.637	13.550	13.650	13.823	13.770	13.820	13.877	13.723	13.543	13.483	13.500	13.163	13.297	13.167	13.100	13.003	12.863	12.727	12.590	12.517	12.427	12.420	12.373	12.347
MP5（μSv/h）	12.900	12.800	12.900	13.100	13.100	13.253	13.327	13.387	12.967	12.853	12.800	12.507	12.527	12.347	12.413	12.347	12.147	11.953	11.907	11.753	11.660	11.620	11.573	11.620
MP6（μSv/h）	14.057	13.970	13.943	14.077	14.117	14.160	14.080	14.197	13.910	13.867	13.717	13.680	13.523	13.470	13.437	13.400	13.247	13.113	13.003	12.917	12.827	12.760	12.730	12.720
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西北西	北西	北	北	西北西	西北西	北北西	北北西	北北西	北	北北西	北西	北北西	北西	北西	北西	北西	北西	西北西	北西	西南西	西北西	西	北西
風速（m/s）	4.0	1.9	2.0	1.4	5.2	3.2	2.0	2.2	2.6	2.4	2.1	1.9	2.4	2.7	2.8	3.3	2.7	3.0	3.2	3.2	1.8	1.8	1.3	2.2

福島第二（2F）（事業者のモニタリングポスト）

3/23/2011																								
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	16.337	16.260	16.067	16.060	15.887	15.700	15.660	15.570	15.537	15.470	15.393	15.410	15.290	15.243	15.180	15.190	15.103	15.083	15.000	14.953	14.953	14.953	14.907	14.873
MP2（μSv/h）	9.703	9.627	9.560	9.447	9.333	9.233	9.193	9.177	9.113	9.080	9.043	8.973	8.960	8.960	8.960	8.907	8.897	8.877	8.867	8.837	8.837	8.837	8.797	8.803
MP3（μSv/h）	15.347	15.200	15.130	15.047	14.967	14.833	14.790	14.803	14.737	14.650	14.603	14.570	14.540	14.500	14.490	14.517	14.477	14.433	14.383	14.350	14.350	14.350	14.310	14.360
MP4（μSv/h）	12.243	12.123	12.060	11.937	11.847	11.797	11.750	11.723	11.667	11.650	11.557	11.547	11.527	11.453	11.487	11.460	11.417	11.413	11.403	11.367	11.367	11.367	11.307	11.340
MP5（μSv/h）	11.467	11.367	11.267	11.167	11.040	10.973	10.880	10.873	10.873	10.780	10.760	10.680	10.680	10.680	10.680	10.680	10.673	10.627	10.593	10.580	10.580	10.580	10.580	10.587
MP6（μSv/h）	12.620	12.503	12.407	12.297	12.187	12.103	12.053	12.007	11.930	11.900	11.810	11.820	11.793	11.823	11.770	11.763	11.713	11.743	11.703	11.697	11.697	11.697	11.687	11.667
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北西	北西	北北西	北西	北西	北北西	北北西	北	北	北	北	北	北	北	北	北北西	北	北	北	北	北	北	北	北北西
風速（m/s）	2.7	3.9	5.0	4.8	4.4	4.3	4.5	5.7	6.6	8.2	8.2	7.4	9.1	8.6	9.9	8.4	9.7	9.0	9.9	7.7	7.7	7.7	8.6	8.3

3/23/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	14.860	14.797	14.773	14.723	14.740	14.713	14.630	14.670	14.593	14.577	14.553	14.423	14.520	14.507	14.460	14.450	14.467	14.400	14.403	14.380	14.347	14.390	14.343	14.337
MP2（μSv/h）	8.813	8.787	8.790	8.803	8.773	8.737	8.740	8.713	8.723	8.700	8.683	8.680	8.640	8.657	8.653	8.643	8.620	8.603	8.593	8.570	8.603	8.570	8.570	8.563
MP3（μSv/h）	14.293	14.317	14.250	14.260	14.260	14.213	14.227	14.223	14.170	14.117	14.173	14.167	14.123	14.133	14.093	14.080	14.060	14.027	14.057	14.053	13.987	14.007	14.017	13.983
MP4（μSv/h）	11.313	11.313	11.273	11.253	11.260	11.263	11.237	11.220	11.193	11.193	11.197	11.153	11.173	11.170	11.133	11.153	11.127	11.130	11.113	11.080	11.097	11.117	11.050	11.053
MP5（μSv/h）	10.587	10.587	10.587	10.587	10.480	10.520	10.480	10.480	10.480	10.480	10.487	10.480	10.433	10.480	10.480	10.427	10.387	10.407	10.380	10.387	10.387	10.387	10.380	10.387
MP6（μSv/h）	11.630	11.643	11.620	11.600	11.623	11.597	11.580	11.550	11.607	11.580	11.533	11.577	11.567	11.510	11.487	11.497	11.480	11.487	11.480	11.480	11.450	11.423	11.417	11.467
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北	北	北	北	北	北	北	北	北	北	北	北	北	北	北	北	北	北	北	北	北	北	北	北
風速（m/s）	8.6	8.5	8.0	7.8	8.3	7.7	7.5	7.1	7.6	7.5	8.7	8.6	8.2	8.7	9.1	8.5	9.9	8.9	9.6	8.6	8.6	8.0	9.4	8.9

3/23/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/ｈ）	14.307	15.697	16.200	19.693	17.380	17.463	16.780	16.483	16.347	16.143	16.010	15.917	15.783	15.657	15.590	15.533	15.453	15.407	15.323	15.187	15.380	15.260	15.133	15.073
MP2（μSv/ｈ）	8.573	8.923	9.273	11.147	10.563	10.817	9.570	9.350	9.277	9.197	9.190	9.097	9.057	9.067	9.067	9.027	8.983	8.943	8.903	8.917	9.307	9.120	9.077	8.967
MP3（μSv/ｈ）	13.953	13.980	14.407	15.590	17.423	18.627	17.130	16.520	16.220	16.110	15.933	15.813	15.693	15.613	15.510	15.453	15.397	15.447	15.227	15.357	15.853	15.540	15.277	15.163
MP4（μSv/ｈ）	11.060	11.077	11.377	13.130	13.253	13.147	12.330	12.273	12.070	12.013	11.920	11.873	11.780	11.750	11.770	11.667	11.737	11.787	11.657	11.693	11.933	12.607	11.713	11.700
MP5（μSv/ｈ）	10.380	10.380	10.613	13.813	12.420	12.147	11.567	11.620	11.367	11.367	11.213	11.167	11.153	11.113	11.073	11.073	11.053	11.173	10.920	11.220	11.287	11.713	11.153	11.067
MP6（μSv/ｈ）	11.443	11.463	12.017	14.217	13.800	12.843	12.550	12.540	12.447	12.383	12.273	12.233	12.183	12.117	12.127	12.083	12.073	11.997	11.940	11.970	12.023	12.107	11.987	11.973
MP7（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北	北	北	北	北	北北東	北北東	北北東	北北東	北北東	北北東	北北東	北北東	北北東	北北東	北北東	北北東	北北東	北北東	北北東	北北東	北	北北東	北北東
風速（m/ｓ）	7.7	8.1	7.9	7.4	7.2	7.7	9.0	8.9	10.2	10.3	8.2	8.2	9.2	10.1	7.5	7.0	7.7	8.0	7.4	7.1	8.6	6.0	5.4	6.5

福島第二（2F）（事業者のモニタリングポスト）

3/23/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/ｈ）	15.023	14.927	14.853	14.873	15.750	20.500	17.983	20.920	17.483	17.703	17.797	17.530	17.373	17.117	16.940	16.823	16.710	16.590	16.517	16.447	16.133	16.013	15.907	15.813
MP2（μSv/ｈ）	8.987	8.927	8.900	8.990	9.303	11.683	10.363	12.877	9.973	10.347	10.447	10.313	10.077	9.867	9.800	9.720	9.697	9.613	9.570	9.910	9.357	9.317	9.240	9.207
MP3（μSv/ｈ）	15.070	15.007	14.930	14.987	15.350	17.373	16.193	17.070	16.417	16.213	16.297	16.117	16.047	15.883	16.010	15.663	15.630	15.617	15.513	15.763	15.167	15.083	15.050	14.963
MP4（μSv/ｈ）	11.590	11.550	11.513	11.633	11.950	12.763	12.863	13.457	12.787	12.677	12.847	12.803	12.650	12.523	12.497	12.357	12.320	12.307	12.320	12.373	12.050	11.957	11.860	11.807
MP5（μSv/ｈ）	10.973	10.973	10.880	10.913	11.140	12.053	12.287	12.300	12.127	11.853	12.147	12.093	12.000	11.853	11.760	11.660	11.660	11.660	11.660	11.660	11.393	11.213	11.167	11.073
MP6（μSv/ｈ）	11.943	11.873	11.870	11.867	12.090	12.903	14.307	14.193	13.990	13.533	13.860	13.837	13.637	13.510	13.370	13.247	13.173	13.187	13.083	12.963	12.843	12.727	12.613	12.570
MP7（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北	北	北	北北西	北	北東	北北東	北北東	北北東	北北東	北東	北東	北東	北北東	北北東	北東	東北東	東北東	東北東	北東	北東	北東	北北東	北北東
風速（m/ｓ）	6.0	6.2	4.7	3.1	2.5	2.5	4.7	4.4	3.8	5.7	8.6	7.6	7.2	6.6	5.9	3.6	3.2	3.5	2.9	4.0	5.0	4.1	4.4	3.7

3/23/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/ｈ）	15.727	15.600	15.443	15.383	15.313	15.277	15.267	15.210	15.163	15.110	15.030	14.883	14.830	14.773	14.653	14.730	14.613	14.563	14.547	14.513	14.443	14.437	14.403	14.337
MP2（μSv/ｈ）	9.160	9.070	9.090	9.047	9.020	9.000	9.067	8.977	8.983	8.903	8.833	8.767	8.723	8.677	8.657	8.680	8.620	8.610	8.530	8.567	8.540	8.510	8.493	8.460
MP3（μSv/ｈ）	14.920	14.833	14.773	14.657	14.733	14.707	14.760	14.770	14.557	14.497	14.397	14.343	14.257	14.260	14.173	14.157	14.103	14.087	13.990	14.007	13.940	13.933	13.860	13.867
MP4（μSv/ｈ）	11.720	11.720	11.647	11.617	11.577	11.620	11.657	11.583	11.490	11.447	11.343	11.333	11.273	11.190	11.167	11.143	11.127	11.063	11.037	11.007	11.010	10.970	10.963	10.900
MP5（μSv/ｈ）	11.047	11.067	10.973	10.920	10.880	10.873	10.900	10.873	10.860	10.827	10.707	10.587	10.587	10.527	10.487	10.433	10.420	10.380	10.387	10.387	10.367	10.293	10.287	10.233
MP6（μSv/ｈ）	12.490	12.453	12.370	12.343	12.303	12.283	12.170	12.127	12.030	12.007	12.017	11.940	11.857	11.800	11.763	11.757	11.737	11.673	11.660	11.597	11.567	11.503	11.510	11.517
MP7（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北東	北東	北北東	北東	北東	北北東	北北東	北	北	北北東	北北西	北	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北西	北北西	北西
風速（m/ｓ）	2.1	2.5	4.1	2.0	1.6	0.7	0.9	0.4	0.5	2.3	2.6	5.5	6.9	6.1	5.8	6.1	5.2	5.2	4.2	5.8	6.0	4.2	3.6	3.8

3/23/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	14.277	14.263	14.220	14.240	14.183	14.130	14.113	14.093	14.047	14.037	13.967	13.963	13.967	13.987	13.920	13.903	13.873	13.860	13.800	13.810	13.773	13.773	13.783	13.737
MP2（μSv/h）	8.437	8.423	8.367	8.380	8.357	8.380	8.357	8.323	8.310	8.300	8.293	8.287	8.233	8.253	8.237	8.220	8.203	8.220	8.207	8.140	8.170	8.120	8.157	8.133
MP3（μSv/h）	13.867	13.793	13.740	13.763	13.763	13.707	13.700	13.693	13.587	13.623	13.587	13.553	13.583	13.490	13.603	13.473	13.470	13.473	13.440	13.410	13.380	13.397	13.367	13.353
MP4（μSv/h）	10.897	10.883	10.843	10.830	10.797	10.820	10.763	10.733	10.737	10.703	10.707	10.667	10.700	10.640	10.633	10.610	10.577	10.570	10.543	10.557	10.533	10.523	10.480	10.507
MP5（μSv/h）	10.213	10.187	10.187	10.187	10.160	10.093	10.093	10.093	10.040	10.040	10.000	10.000	9.993	10.000	9.993	9.993	9.973	9.893	9.920	9.900	9.893	9.900	9.840	9.847
MP6（μSv/h）	11.447	11.443	11.420	11.407	11.363	11.330	11.280	11.280	11.293	11.230	11.217	11.233	11.197	11.180	11.170	11.170	11.147	11.123	11.107	11.077	11.053	11.040	11.007	11.007
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北西	北西	北西	北西	北西	北西	北西	北西	北北西	北北西	北北西	北北西	北西	北西	北北西	北西	北北西	北西	西北西	北西	北西	北西	北西
風速（m/s）	5.0	6.6	8.5	8.3	7.5	6.1	6.7	6.9	5.5	4.0	3.3	4.7	6.5	7.2	6.1	6.4	6.6	6.5	6.7	7.1	4.7	7.0	6.4	6.1

福島第二（2F）（事業者のモニタリングポスト）

3/24/2011																								
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	13.693	13.730	13.647	13.653	13.610	13.613	13.583	13.630	13.580	13.600	13.527	13.540	13.540	13.473	13.480	13.513	13.497	13.487	13.473	13.427	13.393	13.410	13.417	13.337
MP2（μSv/h）	8.103	8.047	8.117	8.117	8.070	8.080	8.050	8.007	8.047	8.027	8.017	8.040	7.997	7.993	7.973	7.967	7.987	7.987	7.973	7.967	7.943	7.927	7.920	7.927
MP3（μSv/h）	13.350	13.320	0.000	13.323	13.287	13.257	13.257	13.207	13.230	13.217	13.257	13.177	13.160	13.127	13.097	13.143	13.103	13.107	13.123	13.120	13.087	13.017	13.073	13.037
MP4（μSv/h）	10.477	10.460	10.460	10.463	10.420	10.443	10.433	10.403	10.410	10.377	10.403	10.390	10.347	10.350	10.323	10.327	10.303	10.263	10.267	10.297	10.250	10.277	10.267	10.250
MP5（μSv/h）	9.827	9.800	9.800	9.800	9.800	9.800	9.700	9.800	9.747	9.700	9.700	9.693	9.720	9.700	9.700	9.700	9.680	9.600	9.653	9.607	9.600	9.600	9.607	9.600
MP6（μSv/h）	11.013	11.017	10.940	10.970	10.943	10.927	10.910	10.917	10.940	10.863	10.860	10.860	10.827	10.827	10.853	10.837	10.797	10.810	10.750	10.770	10.773	10.747	10.690	10.740
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	西北西	北西	西北西	西北西	西北西	北西	北北西	北北西	北北西	北西	西北西	西北西	北西	北西	北西	北西	北西	北西	北西	北北西	北北西	北西	西北西
風速（m/s）	5.0	3.6	3.0	3.0	5.3	6.9	4.7	4.1	3.8	2.8	2.9	4.6	3.2	1.8	4.1	4.4	3.7	3.1	2.6	2.0	3.0	3.2	2.6	3.4

3/24/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	13.407	13.360	13.367	13.323	13.353	13.303	13.307	13.323	13.283	13.253	13.253	13.237	13.240	13.193	13.257	13.240	13.200	13.177	13.210	13.200	13.143	13.127	13.163	13.157
MP2（μSv/h）	7.913	7.897	7.883	7.880	7.900	7.873	7.860	7.837	7.837	7.833	7.827	7.790	7.823	7.810	7.843	7.803	7.757	7.807	7.777	7.793	7.770	7.777	7.763	7.723
MP3（μSv/h）	13.023	13.013	13.007	12.997	12.967	12.947	12.978	12.987	12.957	12.923	12.963	12.923	12.950	12.880	12.857	12.883	12.897	12.867	12.817	12.823	12.847	12.810	12.807	12.810
MP4（μSv/h）	10.230	10.230	10.227	10.230	10.170	10.187	10.190	10.153	10.133	10.193	10.143	10.133	10.100	10.127	10.093	10.110	10.100	10.053	10.053	10.037	10.050	10.050	10.040	10.023
MP5（μSv/h）	9.600	9.607	9.580	9.547	9.547	9.600	9.507	9.500	9.507	9.507	9.507	9.507	9.427	9.507	9.400	9.407	9.407	9.407	9.407	9.407	9.407	9.407	9.407	9.407
MP6（μSv/h）	10.717	10.727	10.687	10.677	10.680	10.650	10.667	10.640	10.650	10.630	10.603	10.603	10.617	10.610	10.560	10.587	10.560	10.560	10.527	10.540	10.553	10.523	10.510	10.517
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北西	北西	北	北西	西	北北西	南	南西	南西	南西	南南西	西南西	西	西北西	西北西	北	北北西	西	西	西	南南西	南西	南南西
風速（m/s）	3.3	2.4	1.9	1.9	1.1	0.6	0.1	0.4	1.2	1.9	2.2	1.9	2.7	1.1	1.0	1.2	0.4	0.4	3.0	9.4	3.3	0.6	2.1	1.9

3/24/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/h）	13.127	13.137	13.137	13.093	13.080	13.073	13.067	13.087	13.060	13.047	12.980	12.990	12.967	13.000	12.957	12.997	12.973	12.957	12.983	12.940	12.930	12.903	12.930	12.883
MP2（μSv/h）	7.747	7.753	7.750	7.740	7.743	7.733	7.697	7.707	7.720	7.680	7.710	7.680	7.677	7.643	7.637	7.650	7.647	7.670	7.617	7.630	7.620	7.590	7.600	7.610
MP3（μSv/h）	12.810	12.737	12.773	12.730	12.710	12.723	12.707	12.693	12.670	12.660	12.653	12.650	12.667	12.620	12.617	12.613	12.627	12.577	12.527	12.547	12.570	12.567	12.540	12.523
MP4（μSv/h）	10.013	10.007	9.980	9.967	9.983	9.960	9.963	9.923	9.960	9.907	9.880	9.903	9.873	9.850	9.813	9.863	9.847	9.827	9.823	9.817	9.790	9.783	9.753	9.797
MP5（μSv/h）	9.407	9.313	9.380	9.313	9.320	9.313	9.313	9.313	9.313	9.313	9.260	9.267	9.287	9.267	8.647	8.820	9.167	9.213	9.213	9.180	9.147	9.173	9.147	9.113
MP6（μSv/h）	10.497	10.490	10.470	10.480	10.453	10.463	10.437	10.447	10.420	10.407	10.427	10.410	10.427	10.393	10.350	10.427	10.373	10.380	10.343	10.297	10.333	10.347	10.337	10.330
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南西	南南西	南南西	南	南東	南東	南東	南	南南東	南	南南東	南南東	南東	南東	南南東	南東	南南東	南南東	南南東	南南東	南南東	南東	南南東	南南東
風速（m/s）	2.1	1.5	2.3	2.5	3.2	3.9	4.1	4.1	3.8	3.6	4.7	4.3	4.2	3.9	4.6	5.0	5.3	4.5	4.3	5.3	6.1	5.1	5.7	6.5

福島第二（2F）（事業者のモニタリングポスト）

3/24/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/h）	12.887	12.873	12.870	12.660	12.827	12.880	12.793	12.830	12.837	12.800	12.757	12.763	12.803	12.770	12.767	12.767	12.777	12.767	12.757	12.733	12.713	12.680	12.680	12.647
MP2（μSv/h）	7.603	7.593	7.587	7.587	7.597	7.583	7.573	7.570	7.567	7.560	7.577	7.530	7.547	7.533	7.510	7.557	7.543	7.487	7.517	7.520	7.510	7.480	7.510	7.493
MP3（μSv/h）	12.497	12.493	12.550	12.510	12.470	12.513	12.433	12.443	12.467	12.470	12.423	12.390	12.407	12.383	12.390	12.403	12.357	12.357	12.353	12.360	12.327	12.310	12.340	12.307
MP4（μSv/h）	9.737	9.723	9.723	9.717	9.697	9.720	9.693	9.677	9.683	9.693	9.660	9.653	9.660	9.657	9.647	9.640	9.617	9.640	9.613	9.653	9.573	9.577	9.560	9.587
MP5（μSv/h）	9.113	9.167	9.120	9.113	9.120	9.113	9.120	9.120	9.120	9.113	9.113	9.020	9.047	9.020	9.020	9.020	9.020	9.020	9.020	9.020	9.020	9.013	9.020	9.020
MP6（μSv/h）	10.337	10.343	10.277	10.287	10.273	10.280	10.280	10.270	10.257	10.257	10.263	10.257	10.253	10.263	10.280	10.240	10.233	10.243	10.230	10.203	10.217	10.213	10.217	10.190
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	5.560	欠測	欠測	欠測	欠測	欠測
風向	南南東	南南東	南南東	南南東	南南東	南南東	南南東	南南東	南	南南東	南南東	南南東	南	南南東	南南東	南南東	南	南	南	南	南	南	南	南
風速（m/s）	6.9	6.8	6.5	7.2	8.6	8.5	7.4	6.5	9.3	7.8	8.6	9.4	10.7	9.9	9.5	10.2	10.1	10.2	8.5	9.4	10.3	11.3	10.1	10.5

3/24/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）	12.663	12.700	12.663	12.673	12.630	12.620	12.573	12.583	12.573	12.557	12.577	12.557	12.533	12.510	12.553	12.547	12.567	12.533	12.543	12.533	12.497	12.497	12.520	12.470
MP2（μSv/h）	7.480	7.457	7.443	7.487	7.453	7.430	7.440	7.457	7.433	7.437	7.433	7.417	7.400	7.393	7.383	7.383	7.390	7.403	7.377	7.363	7.370	7.370	7.340	7.340
MP3（μSv/h）	12.337	12.277	12.287	12.293	12.290	12.280	12.263	12.203	12.227	12.203	12.270	12.167	12.220	12.153	12.183	12.133	12.177	12.130	12.167	12.140	12.153	12.167	12.177	12.143
MP4（μSv/h）	9.590	9.567	9.563	9.553	9.553	9.553	9.530	9.543	9.560	9.533	9.550	9.500	9.530	9.513	9.530	9.503	9.527	9.467	9.443	9.467	9.463	9.447	9.450	9.480
MP5（μSv/h）	8.993	8.920	8.940	8.920	8.953	8.913	8.920	8.920	8.920	8.920	8.913	8.920	8.867	8.920	8.920	8.880	8.873	8.873	8.853	8.820	8.827	8.820	8.827	8.820
MP6（μSv/h）	10.143	10.177	10.160	10.143	10.137	10.143	10.123	10.103	10.120	10.093	10.117	10.143	10.127	10.090	10.100	10.067	10.073	10.087	10.057	10.077	10.067	10.047	10.060	10.037
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南	南	南	南	南	南	南	南	南	南南西	南南西	西南西	西南西	西南西	西南西	南西	西南西	西南西	西	西北西	北西	西北西	北西	北西
風速（m/s）	9.4	8.3	6.3	4.8	6.4	4.1	7.2	7.5	7.8	5.8	2.6	1.5	1.6	4.1	4.2	4.2	3.9	4.4	4.0	4.0	4.1	3.6	3.8	4.4

3/24/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	12.510	12.427	12.457	12.480	12.477	12.450	12.447	12.440	12.417	12.433	12.373	12.403	12.387	12.387	12.367	12.387	12.360	12.383	12.343	12.357	12.320	12.303	12.317	12.287
MP2（μSv/h）	7.333	7.373	7.340	7.350	7.313	7.303	7.333	7.307	7.303	7.277	7.283	7.283	7.303	7.277	7.283	7.290	7.253	7.247	7.247	7.253	7.213	7.257	7.220	7.217
MP3（μSv/h）	12.113	12.053	12.093	12.067	12.123	12.057	12.090	12.053	12.067	12.020	12.023	12.040	12.027	12.020	12.037	12.027	11.993	11.920	11.977	11.943	11.957	11.947	11.940	11.900
MP4（μSv/h）	9.467	9.460	9.463	9.420	9.410	9.410	9.397	9.423	9.407	9.390	9.377	9.407	9.380	9.383	9.357	9.373	9.350	9.347	9.310	9.360	9.333	9.307	9.287	9.317
MP5（μSv/h）	8.820	8.820	8.820	8.820	8.827	8.820	8.793	8.727	8.753	8.720	8.740	8.720	8.720	8.727	8.720	8.727	8.727	8.720	8.720	8.720	8.653	8.627	8.720	8.673
MP6（μSv/h）	10.060	10.017	10.003	10.010	9.960	10.000	10.007	9.987	9.993	9.973	9.960	9.927	9.973	9.930	9.947	9.937	9.913	9.907	9.900	9.890	9.900	9.863	9.873	9.883
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北西	北北西	北北西	北北西	北北西	北北西	北	北	北	北北西	北北西	北	北	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北西	北北西	北西	北西
風速（m/s）	4.7	4.4	5.1	5.8	6.7	7.1	4.7	4.4	4.8	4.8	3.0	5.0	5.0	5.5	4.9	6.0	5.4	5.6	4.0	3.1	4.2	3.3	3.8	3.9

福島第二（2F）（事業者のモニタリングポスト）

3/25/2011																								
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	12.297	12.297	12.280	12.287	12.277	12.227	12.247	12.217	12.220	12.200	12.237	12.210	12.190	12.177	12.170	12.203	12.173	12.120	12.133	12.143	12.097	12.133	12.100	12.077
MP2（μSv/h）	7.220	7.217	7.213	7.187	7.193	7.183	7.173	7.170	7.183	7.167	7.150	7.177	7.173	7.180	7.140	7.150	7.143	7.113	7.133	7.137	7.113	7.100	7.097	7.113
MP3（μSv/h）	11.890	11.933	11.887	11.887	11.890	11.887	11.847	11.853	11.843	11.847	11.867	11.827	11.840	11.803	11.857	11.810	11.760	11.770	11.753	11.810	11.783	11.750	11.760	11.683
MP4（μSv/h）	9.293	9.307	9.307	9.297	9.277	9.230	9.240	9.267	9.213	9.247	9.200	9.200	9.207	9.203	9.200	9.180	9.173	9.197	9.133	9.183	9.180	9.143	9.130	9.127
MP5（μSv/h）	8.627	8.627	8.627	8.627	8.627	8.627	8.627	8.627	8.627	8.627	8.627	8.627	8.613	8.627	8.567	8.533	8.533	8.533	8.533	8.527	8.533	8.533	8.493	8.533
MP6（μSv/h）	9.877	9.827	9.870	9.823	9.803	9.800	9.823	9.820	9.803	9.827	9.793	9.803	9.783	9.743	9.777	9.757	9.767	9.717	9.727	9.733	9.713	9.727	9.700	9.697
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西北西	西北西	西北西	西北西	南西	南南西	南南西	南南東	南南西	南南東	東	北北西	北西	北北西	北	北	北	北	北	北北西	北北西	北北西	北北西	北北西
風速（m/s）	4.7	4.4	3.4	1.9	2.5	2.8	1.9	0.9	0.9	0.8	0.4	0.9	3.9	4.1	2.4	2.2	3.0	2.6	2.6	3.3	3.7	4.7	5.2	3.6

3/25/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	12.087	12.093	12.070	12.087	12.043	12.033	12.067	12.020	12.033	13.777	12.993	18.173	12.717	13.137	13.803	12.203	12.093	12.067	12.040	12.010	12.047	12.010	12.013	12.013
MP2（μSv/h）	7.090	7.093	7.077	7.080	7.060	7.063	7.067	7.030	7.053	7.290	7.293	10.597	7.447	7.297	7.153	7.070	7.057	7.040	7.007	6.997	7.027	7.003	6.983	7.040
MP3（μSv/h）	11.677	11.680	11.677	11.667	11.680	11.690	11.687	11.647	11.710	11.660	11.670	11.663	12.203	11.687	11.657	11.613	11.640	11.610	11.550	11.573	11.543	11.567	11.543	11.540
MP4（μSv/h）	9.113	9.133	9.090	9.090	9.087	9.107	9.073	9.067	9.060	9.057	9.063	9.077	10.970	9.577	9.183	9.173	9.147	9.110	9.143	9.120	9.117	9.093	9.057	9.073
MP5（μSv/h）	8.533	8.480	8.447	8.473	8.473	8.473	8.433	8.433	8.433	8.427	8.433	8.433	10.520	9.407	8.720	8.667	8.627	8.627	8.567	8.560	8.527	8.533	8.533	8.500
MP6（μSv/h）	9.717	9.670	9.683	9.663	9.633	9.660	9.667	9.667	9.623	9.620	9.613	9.640	11.540	10.490	9.743	9.667	9.643	9.607	9.617	9.567	9.593	9.607	9.570	9.557
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北北西	北北西	北西	北西	北西	北西	北西	北	北北西	西北西	北西	北西	北西	北西	北西	北西	北西	北西	北北西	北西	北西	北北西	北北西
風速（m/s）	4.3	5.0	5.1	5.7	6.1	6.3	5.5	1.1	1.1	2.1	4.0	2.5	2.2	2.0	2.6	2.5	2.2	2.5	2.2	3.3	3.5	3.6	3.5	3.3

3/25/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/h）	12.040	18.670	21.737	24.850	18.083	17.560	17.270	16.780	16.937	16.317	16.040	15.727	15.543	15.277	15.040	14.877	14.737	14.507	14.423	14.283	14.107	14.030	13.870	13.773
MP2（μSv/h）	7.020	9.087	14.597	21.447	9.993	9.200	9.117	8.793	9.190	8.757	8.573	8.447	8.290	8.187	8.093	8.043	7.977	7.880	7.837	7.797	7.763	7.707	7.667	7.630
MP3（μSv/h）	11.567	11.663	15.243	17.277	17.533	14.967	13.917	13.703	13.870	13.583	13.360	13.300	13.110	12.990	12.880	12.817	12.680	12.613	12.553	12.503	12.397	12.423	12.327	12.280
MP4（μSv/h）	9.047	9.083	12.067	13.833	13.113	11.620	10.737	10.587	10.540	10.407	10.170	10.150	10.077	9.973	9.853	9.763	9.707	9.687	9.590	9.550	9.550	9.507	9.473	9.433
MP5（μSv/h）	8.527	8.533	10.887	14.713	13.507	11.373	10.573	10.287	10.153	10.073	9.787	9.607	9.700	9.607	9.407	9.287	9.220	9.167	9.120	9.087	9.020	8.973	8.920	8.820
MP6（μSv/h）	9.547	9.570	11.673	13.677	14.300	11.567	11.173	11.023	10.933	10.897	10.667	10.660	10.647	10.573	10.463	10.380	10.323	10.310	10.213	10.180	10.167	10.140	10.117	10.020
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北	北	北	北北西	北北東	北北東	北北東	北東	北東	東北東	北東	東北東	北東	東北東	北東	東	東	東南東	東	東南東	東南東	東南東	南東	南東
風速（m/s）	3.5	2.3	2.2	3.6	5.1	5.1	5.0	4.3	3.3	4.1	5.3	4.1	4.5	2.1	2.6	3.1	3.6	3.1	3.5	3.1	3.2	3.3	1.4	3.5

福島第二（2F）（事業者のモニタリングポスト）

3/25/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/h）	13.683	13.553	13.430	13.390	13.297	13.167	13.107	12.997	12.943	12.907	12.777	12.793	12.677	12.590	12.560	12.457	12.483	12.457	12.397	12.360	12.287	12.283	12.260	12.227
MP2（μSv/h）	7.600	7.517	7.510	7.437	7.390	7.383	7.357	7.313	7.303	7.267	7.237	7.220	7.193	7.187	7.147	7.133	7.107	7.080	7.057	7.060	7.013	7.020	7.010	6.973
MP3（μSv/h）	12.233	12.147	12.103	12.033	11.983	11.967	11.920	11.853	11.827	11.803	11.737	11.737	11.673	11.640	11.627	11.597	11.610	11.540	11.527	11.540	11.497	11.450	11.453	11.417
MP4（μSv/h）	9.390	9.310	9.243	9.243	9.223	9.183	9.157	9.117	9.107	9.083	9.040	9.017	9.013	8.973	8.960	8.960	8.930	8.873	8.860	8.847	8.833	8.833	8.820	8.800
MP5（μSv/h）	8.820	8.767	8.727	8.673	8.640	8.627	8.627	8.580	8.533	8.527	8.527	8.447	8.427	8.427	8.373	8.387	8.333	8.333	8.280	8.293	8.287	8.233	8.233	8.240
MP6（μSv/h）	10.013	9.923	9.910	9.870	9.827	9.783	9.770	9.777	9.723	9.693	9.697	9.677	9.677	9.630	9.593	9.577	9.600	9.543	9.510	9.483	9.483	9.450	9.463	9.410
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	5.300	欠測	欠測	欠測	欠測	欠測
風向	東南東	南東	南東	東南東	南東	南東	南南東	南東	東南東	南東	南東	南東	南南東	南東	南東	南東	南東	南東	南南東	東南東	東	東	東	南東
風速（m/s）	4.2	3.1	3.2	2.5	4.8	5.3	3.4	3.3	2.7	2.5	3.7	3.4	2.1	3.7	2.2	2.7	3.2	3.0	2.1	2.2	2.0	1.1	2.5	2.2

3/25/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）	12.200	12.147	12.080	12.033	12.017	12.000	11.980	11.933	11.937	11.907	11.863	11.873	11.840	11.800	11.800	11.763	11.757	11.743	11.693	11.673	11.680	11.653	11.577	11.560
MP2（μSv/h）	7.000	6.970	6.940	6.943	6.920	6.917	6.907	6.870	6.890	6.830	6.837	6.853	6.830	6.820	6.813	6.820	6.776	6.790	6.757	6.787	6.733	6.747	6.693	6.647
MP3（μSv/h）	11.383	11.407	11.370	11.343	11.300	11.293	11.253	11.267	11.240	11.247	11.197	11.217	11.233	11.173	11.170	11.177	11.183	11.163	11.160	11.100	11.077	11.113	11.033	10.927
MP4（μSv/h）	8.753	8.763	8.757	8.727	8.687	8.727	8.693	8.687	8.647	8.673	8.630	8.627	8.680	8.653	8.613	8.590	8.627	8.590	8.600	8.623	8.577	8.573	8.467	8.460
MP5（μSv/h）	8.193	8.233	8.187	8.153	8.140	8.140	8.133	8.133	8.033	8.133	8.127	8.053	8.040	8.040	8.040	8.040	8.040	8.040	8.033	7.993	8.040	7.987	7.940	7.840
MP6（μSv/h）	9.413	9.407	9.413	9.393	9.400	9.340	9.333	9.303	9.313	9.300	9.307	9.307	9.270	9.293	9.273	9.250	9.260	9.220	9.233	9.227	9.210	9.193	9.100	9.087
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南東	南東	南南東	南南東	東南東	東	東	東	東南東	東南東	東	南東	東	南南東	東南東	東	東	西	北東	東北東	東	東北東	東北東	東北東
風速（m/s）	2.8	2.6	1.8	3.3	2.5	3.5	4.3	1.7	1.8	2.0	2.9	1.7	0.8	1.1	1.9	1.9	3.2	2.1	0.4	0.8	2.4	2.5	3.3	4.7

3/25/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	11.530	11.530	11.420	11.363	11.380	11.377	11.337	11.327	11.317	11.300	11.307	11.313	11.277	12.673	13.247	12.557	12.433	12.280	12.597	12.240	12.303	12.123	12.033	11.987
MP2（μSv/h）	6.607	6.557	6.523	6.490	6.517	6.473	6.483	6.470	6.433	6.493	6.467	6.463	6.473	8.323	8.137	7.173	7.180	7.063	7.093	7.023	7.093	7.013	6.897	6.877
MP3（μSv/h）	10.937	10.853	11.840	10.823	10.777	10.773	10.757	10.737	10.810	10.737	10.740	10.750	10.733	12.833	12.213	11.607	11.780	11.680	11.557	11.457	11.480	11.453	11.323	11.363
MP4（μSv/h）	8.427	8.363	8.343	8.280	8.263	8.263	8.223	8.253	8.270	8.283	8.257	8.257	8.267	9.620	9.103	8.657	8.853	8.760	8.737	8.593	8.637	8.623	8.567	8.530
MP5（μSv/h）	7.840	7.740	7.647	7.647	7.647	7.647	7.647	7.647	7.647	7.647	7.647	7.647	7.647	9.100	8.433	8.033	8.193	8.120	8.093	7.987	8.033	8.033	7.940	7.940
MP6（μSv/h）	9.043	8.967	8.877	8.870	8.840	8.803	8.793	8.810	8.823	8.820	8.803	8.820	8.830	9.623	9.757	9.253	9.297	9.187	9.140	9.170	9.190	9.193	9.120	9.103
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東	東北東	北東	北北東	北東	北東	北北東	北北東	北	北	北	北	北北西	北	北	北西	北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西
風速（m/s）	3.6	5.0	2.9	5.3	3.7	4.2	5.4	6.2	5.3	4.8	5.2	5.2	6.2	6.7	6.1	6.6	7.7	7.2	6.0	6.8	7.5	7.2	6.9	7.0

福島第二（2F）（事業者のモニタリングポスト）

3/26/2011																								
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	12.000	11.997	11.893	11.827	11.803	11.773	11.713	11.747	11.680	11.640	11.613	11.600	11.560	11.477	11.473	11.427	11.417	11.330	11.327	11.270	11.213	11.253	11.150	11.160
MP2（μSv/h）	6.910	6.897	6.823	6.780	6.763	6.790	6.757	6.743	6.727	6.693	6.700	6.643	6.617	6.593	6.577	6.517	6.510	6.460	6.447	6.390	6.353	6.347	6.353	6.340
MP3（μSv/h）	11.343	11.310	11.237	11.237	11.183	11.143	11.107	11.140	11.077	11.060	11.017	11.020	10.987	10.953	10.893	10.893	10.877	10.807	10.767	10.723	10.700	10.620	10.630	10.577
MP4（μSv/h）	8.537	8.567	8.523	8.480	8.477	8.460	8.430	8.413	8.393	8.413	8.393	8.343	8.363	8.320	8.313	8.280	8.230	8.200	8.163	8.150	8.120	8.070	8.113	8.063
MP5（μSv/h）	7.947	7.940	7.940	7.893	7.840	7.873	7.847	7.847	7.800	7.833	7.800	7.747	7.747	7.727	7.693	7.700	7.633	7.607	7.547	7.453	7.453	7.453	7.453	7.453
MP6（μSv/h）	9.150	9.100	9.090	9.083	9.040	9.033	9.000	8.977	8.983	8.970	8.957	8.937	8.917	8.857	8.870	8.813	8.827	8.737	8.697	8.643	8.610	8.563	8.550	8.547
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北	北北西	北北西	北西	北北西	北北西	北西	北北西	北北西	北北西	北北西
風速（m/s）	8.2	8.0	8.7	8.1	8.9	7.5	8.3	8.3	8.5	8.3	9.0	9.1	8.8	9.2	8.1	8.1	6.5	9.9	8.6	9.0	9.3	9.9	10.3	10.5

3/26/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	11.170	11.113	11.153	11.127	11.050	11.037	11.043	11.053	11.000	11.003	11.027	11.030	11.030	10.953	10.993	10.983	10.977	10.963	10.973	10.920	10.937	10.960	10.933	10.917
MP2（μSv/h）	6.330	6.303	6.290	6.283	6.263	6.243	6.277	6.250	6.213	6.263	6.283	6.247	6.247	6.243	6.237	6.227	6.237	6.267	6.227	6.227	6.257	6.237	6.237	6.217
MP3（μSv/h）	10.613	10.580	10.610	10.530	10.487	10.527	10.493	10.503	10.480	10.473	10.470	10.470	10.433	10.440	10.460	10.427	10.410	10.430	10.443	10.437	10.413	10.433	10.447	10.420
MP4（μSv/h）	8.060	8.067	8.037	8.037	8.020	8.003	7.983	7.993	8.000	8.000	7.983	7.943	7.963	7.970	8.017	7.957	7.970	7.970	7.977	7.950	7.963	7.977	7.963	7.943
MP5（μSv/h）	7.347	7.380	7.353	7.353	7.353	7.353	7.347	7.353	7.353	7.353	7.353	7.353	7.353	7.333	7.353	7.327	7.307	7.353	7.353	7.353	7.253	7.353	7.353	7.353
MP6（μSv/h）	8.547	8.547	8.520	8.497	8.477	8.483	8.447	8.460	8.443	8.453	8.463	8.477	8.433	8.443	8.447	8.437	8.437	8.497	8.467	8.467	8.453	8.403	8.453	8.433
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西
風速（m/s）	10.8	9.7	9.7	10.2	9.5	10.1	9.2	9.1	9.4	8.8	8.8	10.0	8.6	8.6	9.2	9.4	9.7	8.5	8.3	7.5	7.0	6.2	5.5	6.3

3/26/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/h）	10.933	10.933	10.933	10.877	10.920	10.883	10.893	10.910	10.867	10.860	10.893	10.870	10.973	10.903	10.913	10.887	10.850	10.840	10.833	10.873	10.817	10.837	10.803	10.817
MP2（μSv/h）	6.217	6.230	6.213	6.223	6.233	6.220	6.203	6.203	6.183	6.220	6.223	6.217	6.240	6.190	6.183	6.190	6.190	6.177	6.180	6.160	6.173	6.167	6.133	6.163
MP3（μSv/h）	10.437	10.360	10.380	10.370	10.367	10.403	10.340	10.393	10.323	10.380	10.363	10.367	10.320	10.280	10.213	10.233	10.170	10.230	10.237	10.243	10.207	10.217	10.220	10.230
MP4（μSv/h）	7.957	7.933	7.913	7.927	7.930	7.900	7.957	7.933	7.930	7.933	7.913	7.900	7.887	7.813	7.810	7.840	7.833	7.807	7.820	7.837	7.777	7.850	7.863	7.823
MP5（μSv/h）	7.347	7.347	7.253	7.353	7.293	7.273	7.253	7.280	7.353	7.280	7.293	7.253	7.253	7.200	7.207	7.227	7.153	7.180	7.253	7.153	7.253	7.160	7.200	7.153
MP6（μSv/h）	8.420	8.433	8.427	8.440	8.460	8.467	8.433	8.433	8.417	8.427	8.413	8.460	8.437	8.353	8.317	8.337	8.320	8.337	8.340	8.333	8.300	8.357	8.370	8.353
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北西	北北西	北北西	北	北	北	北北西	北	北	北	北	北	北	北	西北西	北西	北西	北西	北北西	北北西	北北西	北西	北西	北西
風速（m/s）	7.1	7.3	8.9	7.1	7.9	7.9	8.6	8.2	8.6	8.3	6.6	7.0	6.1	5.8	7.4	6.9	7.4	10.9	12.0	12.8	11.3	10.5	11.1	10.2

福島第二（2F）（事業者のモニタリングポスト）

3/26/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/h）	10.817	10.807	10.767	10.743	10.757	10.747	10.717	10.743	10.710	10.713	10.727	10.727	10.683	10.660	10.677	10.677	10.667	10.687	10.663	10.673	10.640	10.607	10.610	10.653
MP2（μSv/h）	6.127	6.153	6.123	6.123	6.123	6.137	6.117	6.113	6.113	6.140	6.130	6.100	6.090	6.107	6.087	6.123	6.097	6.123	6.087	6.097	6.090	6.073	6.077	6.087
MP3（μSv/h）	10.157	10.200	10.173	10.170	10.190	10.170	10.187	10.147	10.123	10.170	10.130	10.153	10.110	10.117	10.123	10.080	10.113	10.093	10.103	10.140	10.077	10.073	10.083	10.030
MP4（μSv/h）	7.807	7.827	7.823	7.833	7.810	7.813	7.817	7.803	7.817	7.783	7.757	7.813	7.770	7.743	7.780	7.753	7.763	7.733	7.750	7.753	7.727	7.733	7.747	7.683
MP5（μSv/h）	7.160	7.153	7.153	7.153	7.153	7.160	7.153	7.153	7.160	7.160	7.153	7.113	7.100	7.133	7.107	7.113	7.107	7.160	7.160	7.080	7.153	7.113	7.160	7.053
MP6（μSv/h）	8.357	8.387	8.353	8.333	8.330	8.350	8.353	8.367	8.357	8.370	8.347	8.343	8.323	8.323	8.347	8.293	8.323	8.310	8.337	8.313	8.327	8.327	8.303	8.317
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	4.650	欠測	欠測	欠測	欠測	欠測
風向	北北西	北西	北北西	北北西	北北西	北西	北西	北西	北北西	北西	北西	北西	北西	北西	北西	北北西	北西	北西	北西	北西	北西	北西	北西	西北西
風速（m/s）	13.8	11.1	11.2	13.7	11.6	11.7	11.0	10.5	12.0	9.9	9.4	9.5	11.2	10.2	6.6	6.9	6.7	6.8	3.8	5.1	6.2	4.5	5.5	4.4

3/26/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）	10.587	10.637	10.600	10.590	10.543	10.583	10.590	10.570	10.557	10.553	10.543	10.500	10.537	10.573	10.520	10.520	10.510	10.473	10.487	10.500	10.427	10.503	10.457	10.460
MP2（μSv/h）	6.060	6.073	6.067	6.070	6.030	6.080	6.063	6.057	6.053	6.007	6.020	6.017	6.020	6.023	6.017	5.983	6.013	5.997	6.030	5.967	6.010	6.000	5.970	5.973
MP3（μSv/h）	10.070	10.043	10.070	10.063	10.003	10.017	10.007	10.047	10.003	10.037	10.010	10.007	10.000	9.937	9.980	9.977	9.957	9.977	9.973	9.970	9.957	9.930	9.937	9.913
MP4（μSv/h）	7.717	7.723	7.723	7.700	7.700	7.690	7.697	7.703	7.707	7.690	7.690	7.657	7.643	7.663	7.667	7.663	7.627	7.643	7.623	7.623	7.637	7.623	7.610	7.593
MP5（μSv/h）	7.053	7.060	7.053	7.053	7.053	7.053	7.060	7.060	7.053	7.060	7.060	7.060	7.060	7.060	7.060	7.053	7.060	7.060	7.013	7.007	7.060	7.027	6.967	6.960
MP6（μSv/h）	8.307	8.290	8.283	8.303	8.273	8.297	8.260	8.250	8.317	8.227	8.243	8.243	8.243	8.210	8.213	8.243	8.250	8.217	8.240	8.240	8.213	8.197	8.197	8.193
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北西	北西	北西	西北西	西北西	西北西	北北西	北西	北西	北北西	北北西	北北西	北西	北西	北西	西北西	西北西	北西	北西	北西	北西	北西	北西
風速（m/s）	6.6	4.4	2.3	3.7	5.4	7.4	6.9	5.0	3.6	3.3	3.3	6.6	11.1	7.9	7.6	6.2	6.9	8.6	7.2	6.5	5.3	4.4	5.6	6.1

3/26/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	10.433	10.423	10.437	10.427	10.423	10.440	10.400	10.360	10.430	10.387	10.370	10.347	10.383	10.370	10.353	10.353	10.363	10.340	10.353	10.343	10.323	10.317	10.323	10.297
MP2（μSv/h）	5.987	5.963	5.953	5.967	5.967	5.947	5.953	5.933	5.933	5.937	5.950	5.923	5.953	5.930	5.910	5.903	5.923	5.900	5.890	5.877	5.907	5.877	5.897	5.897
MP3（μSv/h）	9.953	9.920	9.907	9.923	9.920	9.930	9.890	9.890	9.857	9.873	9.853	9.860	9.840	9.810	9.833	9.847	9.813	9.817	9.800	9.803	9.797	9.777	9.747	9.777
MP4（μSv/h）	7.627	7.577	7.613	7.607	7.597	7.590	7.610	7.570	7.620	7.540	7.567	7.530	7.550	7.560	7.540	7.517	7.513	7.530	7.513	7.513	7.523	7.517	7.510	7.493
MP5（μSv/h）	6.960	7.013	6.960	6.960	6.960	6.967	6.960	6.960	6.960	6.960	6.960	6.913	6.967	6.907	6.913	6.913	6.913	6.887	6.867	6.887	6.913	6.893	6.867	6.867
MP6（μSv/h）	8.167	8.213	8.177	8.180	8.170	8.173	8.187	8.157	8.157	8.130	8.117	8.127	8.127	8.090	8.117	8.120	8.103	8.130	8.090	8.093	8.087	8.073	8.073	8.070
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北西	北西	北西	西北西	西北西	西北西	北西	西北西	北西	北西	北西	北西	西北西	西	西	西北西	西北西	西北西	西北西	西北西	西北西	西北西	西北西
風速（m/s）	6.7	5.6	5.9	5.5	6.1	6.7	7.4	7.1	8.0	8.5	7.7	6.3	5.1	5.0	5.0	6.8	7.5	8.4	9.4	8.9	8.6	7.8	7.8	9.5

福島第二（2F）（事業者のモニタリングポスト）

3/27/2011																								
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	10.283	10.270	10.257	10.270	10.270	10.273	10.213	10.233	10.267	10.257	10.197	10.240	10.223	10.207	10.183	10.210	10.200	10.190	10.167	10.163	10.173	10.187	10.153	10.127
MP2（μSv/h）	5.863	5.870	5.877	5.870	5.857	5.853	5.870	5.837	5.863	5.850	5.837	5.863	5.830	5.807	5.817	5.833	5.807	5.797	5.833	5.817	5.783	5.823	5.787	5.780
MP3（μSv/h）	9.780	9.783	9.780	9.743	9.730	9.740	9.753	9.690	9.730	9.713	9.737	9.753	9.650	9.727	9.690	9.680	9.687	9.643	9.657	9.677	9.643	9.657	9.633	9.640
MP4（μSv/h）	7.500	7.467	7.487	7.493	7.450	7.457	7.467	7.467	7.437	7.443	7.440	7.423	7.433	7.440	7.440	7.413	7.403	7.380	7.397	7.423	7.397	7.363	7.363	7.370
MP5（μSv/h）	6.867	6.867	6.867	6.867	6.867	6.867	6.867	6.867	6.867	6.847	6.860	6.767	6.813	6.787	6.767	6.820	6.767	6.767	6.813	6.767	6.767	6.767	6.767	6.767
MP6（μSv/h）	8.083	8.077	8.063	8.080	8.037	8.037	8.027	8.023	8.030	8.030	8.027	8.007	7.980	7.993	7.983	8.003	7.990	7.987	7.983	7.957	7.943	7.970	7.927	7.987
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北西	西北西	西北西	西北西	北西	西北西	北西	西北西	西北西	北西	北西	北西	西北西	西北西	北西	西北西	北西	北西	北西	西北西	北西	北西	北北西
風速（m/s）	7.8	6.7	7.7	6.6	6.9	5.6	5.2	5.0	4.6	7.0	6.8	6.2	6.9	7.1	4.7	4.5	5.2	6.0	6.0	5.3	5.7	6.6	7.7	5.6

3/27/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	10.133	10.133	10.127	10.113	10.097	10.137	10.117	10.093	10.040	10.087	10.083	10.070	10.073	10.080	10.073	10.073	10.007	10.013	10.027	10.027	10.033	9.993	9.993	9.983
MP2（μSv/h）	5.803	5.780	5.780	5.777	5.783	5.753	5.777	5.773	5.727	5.753	5.730	5.747	5.740	5.733	5.750	5.737	5.710	5.723	5.723	5.707	5.683	5.707	5.683	5.723
MP3（μSv/h）	9.637	9.687	9.613	9.570	9.533	9.547	9.587	9.563	9.533	9.520	9.550	9.563	9.570	9.500	9.510	9.547	9.543	9.527	9.473	9.483	9.493	9.483	9.463	9.453
MP4（μSv/h）	7.357	7.363	7.363	7.377	7.350	7.353	7.333	7.327	7.320	7.347	7.327	7.320	7.320	7.283	7.300	7.277	7.297	7.290	7.273	7.257	7.263	7.227	7.267	7.230
MP5（μSv/h）	6.773	6.767	6.767	6.767	6.713	6.747	6.720	6.767	6.667	6.700	6.713	6.740	6.667	6.673	6.673	6.667	6.667	6.673	6.667	6.673	6.667	6.673	6.673	6.667
MP6（μSv/h）	7.957	7.927	7.967	7.933	7.917	7.953	7.907	7.937	7.910	7.917	7.903	7.913	7.903	7.900	7.877	7.890	7.860	7.890	7.870	7.867	7.867	7.857	7.893	7.843
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北北西	北西	北西	北西	西北西	北西	北西	北西	北西	西北西	西北西	西北西	西北西	西	西北西	西北西	西北西	西北西	西	西北西	西北西	西北西	北西
風速（m/s）	5.4	5.7	4.8	5.5	5.0	5.0	4.4	5.0	4.6	4.9	5.8	7.7	6.9	7.9	8.5	7.4	7.5	5.3	5.3	7.3	7.3	5.5	4.6	5.3

3/27/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/h）	9.970	9.993	9.983	9.960	9.943	9.953	9.937	9.940	9.983	9.920	9.893	9.923	9.920	9.943	9.940	9.920	9.890	9.907	9.913	9.970	10.327	9.997	9.990	9.940
MP2（μSv/h）	5.700	5.697	5.680	5.680	5.687	5.687	5.700	5.643	5.687	5.650	5.637	5.677	5.687	5.640	5.643	5.650	5.670	5.647	5.673	5.643	5.913	5.680	5.670	5.660
MP3（μSv/h）	9.440	9.440	9.453	9.470	9.440	9.467	9.413	9.410	9.433	9.407	9.420	9.410	9.407	9.367	9.397	9.363	9.390	9.360	9.360	9.397	9.360	9.363	9.327	9.313
MP4（μSv/h）	7.270	7.207	7.260	7.200	7.203	7.240	7.223	7.187	7.183	7.177	7.210	7.223	7.180	7.180	7.227	7.173	7.157	7.180	7.153	7.157	7.140	7.137	7.110	7.120
MP5（μSv/h）	6.627	6.640	6.667	6.660	6.673	6.567	6.627	6.567	6.567	6.607	6.567	6.567	6.567	6.567	6.567	6.567	6.567	6.567	6.520	6.567	6.567	6.553	6.520	6.513
MP6（μSv/h）	7.813	7.833	7.823	7.820	7.820	7.790	7.810	7.817	7.800	7.807	7.817	7.833	7.790	7.770	7.770	7.790	7.767	7.737	7.770	7.780	7.753	7.753	7.737	7.703
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北北西	北北西	北北西	北西	北	北北西	北北東	北東	北北東	北北東	北東	北東	北東	北北東	北	北北西	北	北西	西北西	西北西	西北西	西北西	西北西
風速（m/s）	4.8	3.6	4.7	3.0	2.1	3.9	4.0	1.6	3.3	2.4	2.8	2.2	3.0	1.7	2.8	3.1	3.9	3.0	3.6	2.5	3.0	2.8	3.3	2.1

福島第二（2F）（事業者のモニタリングポスト）

3/27/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/h）	9.903	9.910	9.947	9.937	9.907	9.887	9.890	9.870	9.863	9.817	9.857	9.850	9.833	9.833	9.830	9.777	9.777	9.800	9.773	9.780	9.757	9.717	9.740	9.733
MP2（μSv/h）	5.650	5.613	5.643	5.620	5.653	5.627	5.603	5.620	5.617	5.617	5.597	5.583	5.583	5.593	5.563	5.560	5.583	5.573	5.577	5.530	5.540	5.543	5.553	5.557
MP3（μSv/h）	9.313	9.367	9.333	9.333	9.293	9.323	9.267	9.310	9.283	9.277	9.263	9.280	9.277	9.247	9.250	9.267	9.273	9.217	9.213	9.197	9.200	9.230	9.187	9.197
MP4（μSv/h）	7.107	7.110	7.113	7.110	7.113	7.107	7.090	7.127	7.110	7.080	7.067	7.053	7.047	7.063	7.043	7.067	7.043	7.060	7.043	7.037	6.993	7.013	7.017	7.017
MP5（μSv/h）	6.467	6.467	6.473	6.540	6.467	6.467	6.473	6.467	6.467	6.473	6.473	6.467	6.467	6.467	6.467	6.467	6.413	6.413	6.473	6.467	6.464	6.413	6.433	6.387
MP6（μSv/h）	7.747	7.743	7.720	7.717	7.703	7.703	7.740	7.670	7.667	7.680	7.700	7.693	7.683	7.677	7.680	7.657	7.703	7.677	7.653	7.640	7.663	7.650	7.657	7.613
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西北西	西	北西	西	西	北西	北西	西北西	北西	西北西	北西	西北西	北西	北西	北北西	北北西	北北西	北北西	西北西	西北西	北西	北西	北北西	北北西
風速（m/s）	5.8	4.8	3.3	3.6	5.9	5.2	3.6	4.6	4.7	5.8	6.9	6.6	6.5	6.5	8.1	6.6	6.8	4.7	6.2	8.1	8.6	3.7	2.9	2.2

3/27/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）	9.753	9.720	9.753	9.700	9.693	9.730	9.660	9.660	9.670	9.693	9.653	9.707	9.663	9.680	9.643	9.640	9.607	9.837	9.623	9.630	9.627	9.620	9.610	9.580
MP2（μSv/h）	5.570	5.583	5.523	5.507	5.533	5.547	5.520	5.513	5.500	5.513	5.490	5.493	5.467	5.477	5.460	5.463	5.477	5.480	5.490	5.477	5.457	5.477	5.483	5.467
MP3（μSv/h）	9.207	9.190	9.207	9.180	9.153	9.190	9.160	9.160	9.137	9.177	9.153	9.147	9.117	9.137	9.093	9.100	9.107	9.130	9.093	9.087	9.117	9.113	9.103	9.063
MP4（μSv/h）	7.007	7.013	7.000	6.990	7.020	6.997	6.990	6.997	6.977	6.957	6.973	6.980	6.943	6.947	6.963	6.950	6.957	6.943	6.967	6.943	6.927	6.927	6.907	6.893
MP5（μSv/h）	6.460	6.373	6.367	6.367	6.453	6.373	6.373	6.367	6.367	6.367	6.373	6.373	6.373	6.373	6.373	6.373	6.320	6.373	6.367	6.373	6.280	6.360	6.307	6.373
MP6（μSv/h）	7.637	7.600	7.590	7.633	7.603	7.637	7.630	7.607	7.583	7.567	7.580	7.577	7.600	7.590	7.547	7.593	7.577	7.567	7.540	7.537	7.537	7.530	7.527	7.517
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北西	北西	西	北北西	北北東	北北西	北西	西北西	西北西	西北西	西	北西	北西	北西	北西	北西	北北西	北北西	北北西	北西	北北西	北北西	北	北北西
風速（m/s）	2.0	3.8	5.0	3.7	2.2	2.0	3.0	5.0	7.0	4.8	4.4	5.4	6.3	6.9	7.1	5.9	4.7	5.9	5.1	5.3	5.9	6.6	5.2	4.5

3/27/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	9.607	9.560	9.570	9.583	9.580	9.550	9.543	9.577	9.580	9.533	9.530	9.523	9.487	9.507	9.533	9.537	9.487	9.487	9.470	9.497	9.487	9.443	9.460	9.437
MP2（μSv/h）	5.440	5.480	5.437	5.430	5.443	5.457	5.430	5.420	5.430	5.417	5.430	5.417	5.403	5.420	5.353	5.387	5.380	5.400	5.400	5.380	5.383	5.383	5.367	5.360
MP3（μSv/h）	9.080	9.040	9.060	9.067	9.023	9.047	9.030	9.037	9.080	9.037	9.043	9.033	9.033	9.057	8.997	9.023	8.980	8.973	8.997	8.967	8.963	8.953	8.987	8.993
MP4（μSv/h）	6.897	6.890	6.893	6.883	6.877	6.900	6.900	6.883	6.920	6.880	6.877	6.867	6.857	6.857	6.853	6.817	6.837	6.830	6.820	6.833	6.817	6.803	6.830	6.817
MP5（μSv/h）	6.287	6.367	6.280	6.327	6.273	6.273	6.273	6.273	6.273	6.273	6.273	6.273	6.273	6.273	6.273	6.273	6.280	6.273	6.273	6.273	6.273	6.273	6.220	6.233
MP6（μSv/h）	7.510	7.513	7.520	7.513	7.500	7.503	7.497	7.533	7.483	7.493	7.450	7.493	7.483	7.467	7.493	7.467	7.437	7.437	7.453	7.447	7.447	7.423	7.423	7.437
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北北西	北西	西北西	北西	北北西	北北西	北	北北西	北北西	西北西	北北西	北北西	北北西	西北西	北西	北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西
風速（m/s）	2.7	3.9	2.3	1.6	3.7	4.4	2.6	3.6	4.6	3.3	3.3	2.1	3.0	2.2	3.9	2.6	2.5	3.7	3.9	4.4	4.7	3.3	3.7	3.3

福島第二（2F）（事業者のモニタリングポスト）

3/28/2011																								
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	9.437	9.450	9.417	9.430	9.440	9.467	9.413	9.393	9.400	9.377	9.400	9.410	9.387	9.380	9.323	9.380	9.353	9.383	9.323	9.340	9.340	9.347	9.343	9.293
MP2（μSv/h）	5.350	5.380	5.353	5.330	5.373	5.350	5.353	5.347	5.340	5.343	5.037	5.013	5.033	4.997	5.027	5.030	5.003	5.000	5.000	5.010	5.010	4.987	5.007	4.997
MP3（μSv/h）	8.963	8.910	8.933	8.947	8.920	8.890	8.930	8.930	8.863	8.867	8.847	8.880	8.910	8.910	8.873	8.890	8.863	8.897	8.837	8.850	8.873	8.817	8.850	8.803
MP4（μSv/h）	6.823	6.810	6.800	6.793	6.800	6.783	6.813	6.790	6.797	6.760	6.763	6.767	6.747	6.773	6.747	6.750	6.750	6.737	6.770	6.703	6.710	6.770	6.703	6.717
MP5（μSv/h）	6.227	6.187	6.227	6.193	6.207	6.187	6.193	6.187	6.187	6.780	6.180	6.180	6.187	6.187	6.187	6.187	6.187	6.187	6.187	6.180	6.180	6.180	6.187	6.187
MP6（μSv/h）	7.447	7.403	7.407	7.440	7.427	7.400	7.397	7.340	7.407	7.373	7.370	7.353	7.380	7.333	7.337	7.353	7.343	7.337	7.347	7.313	7.320	7.333	7.333	7.313
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北	北	北	北北西	西北西	北西	西北西	北西	北西	西北西	西北西	北西	北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北	北
風速（m/s）	3.6	4.2	4.2	3.5	5.4	4.1	5.2	3.7	2.9	2.7	4.6	3.9	4.0	3.3	4.8	5.4	4.1	4.3	3.1	3.0	2.5	1.4	0.9	0.8

3/28/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	9.333	9.313	9.287	9.300	9.293	9.260	9.307	9.250	9.253	9.267	9.260	9.230	9.250	9.227	9.210	9.250	9.240	9.233	9.203	9.240	9.210	9.193	9.193	9.190
MP2（μSv/h）	5.003	4.980	4.983	4.980	4.993	4.967	4.973	4.963	4.977	4.950	4.963	4.937	4.940	4.950	4.957	4.923	4.920	4.917	4.960	4.947	4.933	4.923	4.927	4.923
MP3（μSv/h）	8.817	8.797	8.783	8.777	8.797	8.797	8.787	8.807	8.790	8.783	8.720	8.730	8.787	8.760	8.747	8.743	8.723	8.750	8.777	8.723	8.710	8.710	8.727	8.713
MP4（μSv/h）	6.717	6.693	6.683	6.700	6.687	6.687	6.680	6.697	6.667	6.660	6.667	6.623	6.660	6.680	6.673	6.643	6.620	6.633	6.620	6.613	6.613	6.640	6.633	6.613
MP5（μSv/h）	6.187	6.147	6.173	6.140	6.107	6.087	6.133	6.087	6.087	6.087	6.087	6.087	6.087	6.087	6.087	6.087	6.087	6.087	6.087	6.087	6.087	6.040	6.053	6.087
MP6（μSv/h）	7.277	7.300	7.297	7.283	7.320	7.273	7.287	7.267	7.267	7.240	7.277	7.267	7.277	7.287	7.273	7.243	7.243	7.233	7.243	7.207	7.220	7.197	7.217	7.207
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西	西北西	西北西	北西	西北西	西北西	西北西	西	西	西	西	西	西	西	西	西	西	西	南南西	西南西	南西	西南西	南南西	南
風速（m/s）	6.4	3.5	2.1	0.6	1.3	1.6	0.9	2.2	3.8	2.4	3.3	5.7	6.8	1.6	6.4	5.5	1.8	1.1	0.1	2.7	2.6	1.5	0.9	1.7

3/28/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/h）	9.223	9.173	9.217	9.170	9.167	9.137	9.180	9.150	9.160	9.127	9.120	9.077	9.130	9.137	9.113	9.153	9.117	9.077	9.077	9.073	9.110	9.090	9.080	9.117
MP2（μSv/h）	4.903	4.933	4.913	4.893	4.923	4.910	4.897	4.897	4.880	4.880	4.870	4.897	4.890	4.880	4.883	4.890	4.880	4.877	4.873	4.853	4.860	4.860	4.867	4.843
MP3（μSv/h）	8.710	8.717	8.660	8.680	8.667	8.707	8.660	8.657	8.657	8.637	8.643	8.653	8.613	8.673	8.623	8.617	8.587	8.590	8.600	8.603	8.607	8.607	8.560	8.600
MP4（μSv/h）	6.620	6.613	6.580	6.610	6.590	6.550	6.573	6.550	6.553	6.547	6.540	6.547	6.540	6.533	6.513	6.550	6.523	6.527	6.503	6.510	6.500	6.517	6.470	6.483
MP5（μSv/h）	6.087	6.087	6.027	5.993	6.000	5.993	5.993	5.993	5.987	5.993	5.987	5.987	5.987	5.987	5.987	5.940	5.927	5.987	5.940	5.940	5.927	5.893	5.893	5.887
MP6（μSv/h）	7.213	7.197	7.183	7.197	7.207	7.170	7.173	7.177	7.187	7.200	7.163	7.177	7.177	7.163	7.143	7.163	7.127	7.123	7.140	7.140	7.137	7.127	7.123	7.120
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西北西	西南西	南西	南南西	南南東	南南東	南東	南東	南南東	南南東	南南東	南東	南東	東南東	東南東	東南東	南東	南東	東南東	南東	南東	南	南南東	南南東
風速（m/s）	1.4	1.2	1.3	2.4	1.6	2.7	3.0	2.1	2.9	4.2	4.8	4.7	3.9	4.1	4.5	3.8	3.8	2.2	3.2	3.6	4.4	4.4	3.4	4.4

福島第二（2F）（事業者のモニタリングポスト）

3/28/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/h）	9.080	9.073	9.070	9.053	9.043	9.053	9.010	9.043	9.033	9.053	9.030	9.017	9.000	9.017	9.027	8.980	9.003	8.993	8.997	8.973	8.980	8.933	8.940	8.997
MP2（μSv/h）	4.850	4.850	4.860	4.843	4.827	4.827	4.830	4.810	4.847	4.823	4.823	4.827	4.823	4.807	4.770	4.827	4.810	4.787	4.810	4.807	4.793	4.787	4.783	4.807
MP3（μSv/h）	8.570	8.573	8.573	8.573	8.530	8.543	8.540	8.527	8.543	8.537	8.510	8.473	8.510	8.513	8.500	8.490	8.477	8.483	8.493	8.493	8.483	8.470	8.440	8.443
MP4（μSv/h）	6.490	6.500	6.480	6.477	6.477	6.467	6.450	6.473	6.427	6.473	6.420	6.483	6.440	6.410	6.410	6.450	6.443	6.413	6.417	6.423	6.397	6.337	6.373	6.400
MP5（μSv/h）	5.887	5.900	5.893	5.893	5.887	5.887	5.893	5.893	5.893	5.887	5.893	5.893	5.893	5.893	5.893	5.893	5.893	5.833	5.893	5.853	5.493	5.833	5.893	5.847
MP6（μSv/h）	7.110	7.113	7.097	7.097	7.067	7.090	7.077	7.063	7.080	7.087	7.073	7.087	7.080	7.063	7.077	7.063	7.067	7.067	7.030	7.060	7.053	7.027	7.010	7.017
MP7（μSv/h）	3.870	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南南東	南南東	南南東	南南東	南南東	南東	東南東	南東	南東	南東	南東	南東	南東	東南東	東	東南東	東	東	南南東	南東	東北東	東北東	東北東	北
風速（m/s）	5.7	4.7	6.1	5.2	4.1	3.9	3.7	3.8	2.5	2.9	2.7	2.9	3.3	2.3	1.9	2.1	3.6	2.9	2.5	1.9	2.3	2.2	1.7	0.2

3/28/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）	8.950	8.933	8.907	8.913	8.913	8.937	8.917	8.917	8.890	8.893	8.867	8.867	8.863	8.843	8.873	8.867	8.847	8.847	8.863	8.837	8.833	8.817	8.817	8.840
MP2（μSv/h）	4.773	4.787	4.800	4.733	4.773	4.790	4.767	4.760	4.773	4.773	4.750	4.760	4.743	4.727	4.743	4.737	4.727	4.737	4.727	4.713	4.727	4.710	4.733	4.710
MP3（μSv/h）	8.443	8.440	8.477	8.427	8.410	8.450	8.403	8.400	8.403	8.390	8.407	8.377	8.383	8.373	8.370	8.380	8.360	8.373	8.370	8.333	8.343	8.330	8.347	8.320
MP4（μSv/h）	6.420	6.387	6.363	6.370	6.367	6.363	6.363	6.377	6.353	6.363	6.353	6.323	6.333	6.363	6.340	6.313	6.323	6.330	6.310	6.323	6.317	6.337	6.307	6.337
MP5（μSv/h）	5.840	5.793	5.833	5.793	5.793	5.793	5.787	5.787	5.787	5.787	5.787	5.787	5.787	5.793	5.793	5.793	5.793	5.787	5.787	5.793	5.760	5.787	5.793	5.747
MP6（μSv/h）	7.050	7.033	7.020	6.990	7.033	6.997	6.997	7.017	6.983	6.970	6.990	6.990	6.970	6.947	6.977	6.987	6.957	6.970	6.953	6.977	6.967	6.960	6.940	6.937
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南	北北西	南南西	南	南南西	南南西	南南東	南東	東	東南東	南南西	南	南	南	南	南	南	南	南	南	南南西	南南西	南	南
風速（m/s）	1.1	0.0	1.4	0.6	1.6	1.7	2.1	2.3	0.9	0.5	1.6	0.8	1.5	1.7	2.4	1.1	1.5	1.3	2.2	2.2	2.2	2.0	3.1	2.9

3/28/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	8.800	8.787	8.763	8.823	8.790	8.747	8.753	8.780	8.783	8.770	8.770	8.747	8.763	8.743	8.740	8.743	8.713	8.720	8.707	8.697	8.727	8.703	8.703	8.687
MP2（μSv/h）	4.723	4.703	4.690	4.683	4.700	4.687	4.693	4.687	4.677	4.687	4.680	4.663	4.680	4.673	4.653	4.663	4.663	4.667	4.673	4.673	4.667	4.653	4.653	4.647
MP3（μSv/h）	8.343	8.340	8.340	8.333	8.240	8.343	8.257	8.323	8.277	8.300	8.300	8.283	8.233	8.300	8.273	8.280	8.257	8.260	8.250	8:203	8.267	8.240	8.213	8.193
MP4（μSv/h）	6.323	6.310	6.303	6.293	6.300	6.283	6.280	6.267	6.273	6.287	6.287	6.267	6.243	6.263	6.257	6.267	6.273	6.243	6.250	6.247	6.210	6.230	6.233	6.243
MP5（μSv/h）	5.760	5.793	5.787	5.787	5.787	5.747	5.733	5.693	5.693	5.747	5.693	5.733	5.693	5.963	5.963	5.693	5.687	5.693	5.693	5.693	5.693	5.693	5.687	5.693
MP6（μSv/h）	6.903	6.937	6.917	6.930	6.903	6.890	6.917	6.923	6.920	6.920	6.900	6.917	6.900	6.880	6.863	6.867	6.877	6.860	6.877	6.863	6.843	6.850	6.867	6.827
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南	南南西	南南西	南南西	南	西	西北西	西北西	西北西	西北西	南南西	西	西	西南西	西南西	西南西	西南西	西	西	西北西	西北西	北西	西北西	北西
風速（m/s）	3.0	1.9	1.6	2.2	1.4	1.9	1.6	1.8	2.5	1.1	1.1	1.5	2.3	4.2	6.2	3.2	3.6	3.1	4.1	3.9	3.9	4.8	5.4	5.2

福島第二（2F）（事業者のモニタリングポスト）

3/29/2011																								
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	8.707	8.693	8.710	8.697	8.697	8.673	8.683	8.693	8.633	8.693	8.967	10.027	9.610	9.483	9.467	9.933	9.433	9.150	8.970	8.873	8.873	8.780	8.800	8.830
MP2（μSv/h）	4.667	4.647	4.670	4.657	4.633	4.657	4.637	4.640	4.613	4.657	4.730	5.677	5.633	5.390	5.420	5.833	5.437	5.047	4.920	4.867	4.817	4.823	4.797	4.813
MP3（μSv/h）	8.220	8.227	8.217	8.180	8.253	8.210	8.177	8.180	8.237	8.217	8.207	8.560	8.977	8.620	8.763	8.777	8.717	8.463	8.403	8.353	8.353	8.303	8.317	8.333
MP4（μSv/h）	6.227	6.237	6.197	6.227	6.210	6.233	6.203	6.173	6.200	6.190	6.220	6.497	7.193	6.643	6.893	6.713	6.817	6.710	6.650	6.543	6.443	6.353	6.393	6.397
MP5（μSv/h）	5.693	5.693	5.693	5.693	5.693	5.693	5.667	5.693	5.673	5.593	5.667	5.693	6.547	6.180	6.167	6.187	6.373	6.327	6.367	6.180	6.087	5.987	5.993	6.087
MP6（μSv/h）	6.817	6.850	6.843	6.843	6.810	6.837	6.823	6.837	6.833	6.807	6.827	6.997	7.197	7.057	6.947	6.910	7.080	7.177	7.177	7.093	7.043	7.010	7.050	7.050
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西北西	西	西	西	西南西	南西	東南東	東南東	南西	南西	南南東	東	東南東	東南東	東南東	南	南	北北西	北東	東北東	北北東	東	北東	東北東
風速（m/s）	5.8	6.8	5.9	5.1	0.8	0.5	0.8	1.9	2.3	1.1	0.7	0.7	1.7	1.7	0.3	0.1	0.6	0.6	0.9	0.8	0.9	0.7	1.6	1.7

3/29/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	8.837	9.013	9.220	9.023	8.973	9.090	9.060	9.203	9.017	8.923	8.743	8.823	8.827	8.813	8.837	8.783	8.803	8.763	8.717	8.717	8.693	8.683	8.677	8.630
MP2（μSv/h）	4.813	4.987	5.323	5.030	4.970	5.053	5.113	5.110	5.000	4.893	4.810	4.780	4.837	4.843	4.873	4.820	4.833	4.813	4.740	4.710	4.690	4.687	4.690	4.677
MP3（μSv/h）	8.377	8.503	8.763	8.623	8.460	8.517	8.483	8.557	8.467	8.450	8.320	8.287	8.330	8.377	8.363	8.360	8.343	8.350	8.293	8.210	8.203	8.163	8.210	8.203
MP4（μSv/h）	6.470	6.623	6.927	6.793	6.623	6.627	6.643	6.770	6.623	6.503	6.480	6.410	6.403	6.493	6.437	6.403	6.450	6.410	6.297	6.293	6.257	6.233	6.267	6.230
MP5（μSv/h）	6.060	6.187	6.567	6.373	6.273	6.373	6.273	6.413	6.247	6.133	6.060	6.087	6.087	6.087	6.087	5.993	5.993	5.893	5.787	5.787	5.767	5.747	5.787	5.793
MP6（μSv/h）	6.993	7.160	7.413	7.253	7.207	7.293	7.320	7.160	7.143	7.107	7.053	7.057	7.043	7.073	7.060	7.023	6.980	6.930	6.847	6.877	6.833	6.797	6.823	6.823
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東北東	東	東南東	東	西南西	南南西	東南東	東南東	東南東	東南東	南南東	南西	南西	南西	西南西	南西	南西	南南西	南西	南南東	東南東	南南東	南南東	南東
風速（m/s）	1.4	1.6	1.9	0.6	0.5	0.9	1.1	1.5	1.5	1.1	1.0	0.9	0.9	0.8	2.2	3.4	3.8	2.8	1.2	1.8	1.5	2.3	3.1	2.6

3/29/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/h）	8.650	8.663	8.697	8.797	8.763	8.727	8.720	8.753	8.800	8.723	8.757	8.717	8.680	8.710	8.693	8.680	8.710	8.710	8.723	8.617	8.660	8.610	8.630	8.553
MP2（μSv/h）	4.653	4.673	4.720	4.800	4.780	4.733	4.743	4.757	4.833	4.787	4.757	4.763	4.753	4.730	4.747	4.730	4.727	4.710	4.720	4.640	4.653	4.627	4.607	4.597
MP3（μSv/h）	8.193	8.163	8.227	8.270	8.233	8.210	8.210	8.240	8.273	8.310	8.243	8.273	8.280	8.217	8.243	8.247	8.223	8.203	8.223	8.160	8.170	8.153	8.130	8.127
MP4（μSv/h）	6.230	6.230	6.297	6.327	6.307	6.297	6.307	6.313	6.320	6.357	6.363	6.367	6.360	6.357	6.327	6.357	6.340	6.327	6.307	6.273	6.273	6.233	6.210	6.190
MP5（μSv/h）	5.793	5.793	5.787	5.787	5.793	5.793	5.793	5.793	5.793	5.793	5.893	5.793	5.793	5.793	5.787	5.793	5.787	5.740	5.693	5.693	5.640	5.647	5.647	5.600
MP6（μSv/h）	6.823	6.840	6.860	6.843	6.890	6.903	6.897	6.897	6.890	6.930	6.950	6.943	6.933	6.947	6.943	6.960	6.953	6.940	6.910	6.870	6.853	6.870	6.863	6.857
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東	南南東	南南東	東南東	南東	南南東	南東	南東	東	東	東	東南東	東南東	東南東	南東	南東	南東	南東	南東	南南東	南東	南南東	南南東	南南東
風速（m/s）	2.2	3.2	3.0	2.5	3.4	3.8	2.7	2.1	2.4	3.0	2.6	3.0	3.8	3.6	3.4	3.3	3.2	3.4	3.9	3.3	4.8	5.7	6.4	6.7

福島第二（2F）（事業者のモニタリングポスト）

3/29/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/h）	8.590	8.560	8.537	8.590	8.563	8.563	8.517	8.543	8.537	8.497	8.500	8.517	8.517	8.510	8.497	8.463	8.467	8.453	8.470	8.460	8.427	8.467	8.447	8.443
MP2（μSv/h）	4.593	4.587	4.597	4.607	4.570	4.580	4.570	4.567	4.570	4.553	4.573	4.577	4.580	4.560	4.547	4.550	4.550	4.543	4.553	4.537	4.543	4.523	4.523	4.517
MP3（μSv/h）	8.110	8.110	8.090	8.087	8.067	8.090	8.067	8.070	8.067	8.020	8.050	8.033	8.067	8.050	8.020	8.007	7.967	8.023	7.970	7.987	7.987	7.993	7.973	7.970
MP4（μSv/h）	6.203	6.220	6.193	6.223	6.213	6.213	6.200	6.190	6.190	6.177	6.160	6.140	6.123	6.173	6.160	6.173	6.150	6.157	6.153	6.163	6.130	6.117	6.117	6.117
MP5（μSv/h）	5.593	5.593	5.593	5.593	5.593	5.593	5.593	5.593	5.593	5.540	5.593	5.593	5.567	5.493	5.573	5.493	5.547	5.547	5.547	5.500	5.520	5.500	5.500	5.500
MP6（μSv/h）	6.843	6.797	6.807	6.833	6.830	6.820	6.780	6.777	6.817	6.777	6.773	6.787	6.780	6.783	6.753	6.767	6.763	6.753	6.760	6.767	6.767	6.723	6.727	6.730
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南南東	南南東	南東	南南東	南東	南	南南東	南南東	東南東	南東	南南東	南南東	南	南	南南東	南南西	南	南南東	南南東	南南東	南南東	南南東	南	南
風速（m/s）	7.8	6.5	4.1	5.0	3.1	5.6	4.2	2.6	0.7	2.5	3.2	4.6	4.1	2.6	1.1	2.0	3.9	1.4	2.6	2.1	2.1	1.4	4.0	5.4

3/29/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）	8.440	8.463	8.420	8.463	8.387	8.413	8.377	8.383	8.370	8.387	8.380	8.363	8.363	8.373	8.367	8.380	8.370	8.370	8.353	8.333	8.333	8.320	8.330	8.343
MP2（μSv/h）	4.527	4.540	4.503	4.533	4.490	4.493	4.500	4.507	4.503	4.480	4.487	4.487	4.470	4.487	4.483	4.503	4.460	4.467	4.477	4.467	4.467	4.463	4.467	4.450
MP3（μSv/h）	7.937	7.960	7.973	7.937	7.943	7.960	7.930	7.920	7.940	7.900	7.927	7.923	7.940	7.917	7.950	7.900	7.903	7.867	7.900	7.847	7.890	7.853	7.863	7.870
MP4（μSv/h）	6.117	6.123	6.097	6.120	6.090	6.113	6.100	6.090	6.093	6.073	6.090	6.080	6.093	6.073	6.100	6.083	6.077	6.053	6.070	6.047	6.047	6.057	6.043	6.047
MP5（μSv/h）	5.500	5.493	5.493	5.493	5.493	5.493	5.500	5.500	5.493	5.500	5.500	5.493	5.500	5.493	5.493	5.493	5.500	5.453	5.453	5.493	5.493	5.447	5.500	5.447
MP6（μSv/h）	6.733	6.720	6.717	6.733	6.737	6.703	6.720	6.740	6.693	6.720	6.687	6.697	6.683	6.690	6.677	6.687	6.683	6.660	6.660	6.670	6.677	6.657	6.660	6.650
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南	南	南	南	南	南南西	南	南	南	南南西	南南西	南西	西	西南西	南南西	南南西	南南西	南西	南西	西南西	西南西	西	西	西
風速（m/s）	5.0	2.1	4.2	5.9	5.7	0.5	3.4	5.9	6.4	6.3	4.8	2.8	1.5	0.8	4.4	5.4	4.7	1.8	3.2	4.4	3.2	5.1	7.1	5.6

3/29/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	8.323	8.337	8.290	8.277	8.280	8.290	8.293	8.297	8.290	8.280	8.270	8.270	8.257	8.257	8.280	8.263	8.260	8.243	8.247	8.243	8.247	8.190	8.217	8.233
MP2（μSv/h）	4.467	4.460	4.467	4.430	4.447	4.437	4.437	4.447	4.430	4.440	4.437	4.427	4.423	4.427	4.427	4.420	4.417	4.413	4.407	4.397	4.407	4.413	4.383	4.397
MP3（μSv/h）	7.853	7.860	7.863	7.843	7.857	7.843	7.847	7.830	7.810	7.830	7.830	7.790	7.823	7.823	7.757	7.790	7.813	7.787	7.783	7.823	7.793	7.760	7.773	7.763
MP4（μSv/h）	6.027	6.047	6.020	6.013	6.033	6.037	6.063	6.000	6.047	5.997	6.007	6.023	6.000	6.010	5.997	5.997	5.953	5.953	5.987	5.973	6.010	5.957	5.983	5.970
MP5（μSv/h）	5.400	5.400	5.453	5.400	5.500	5.400	5.433	5.400	5.400	5.400	5.400	5.400	5.400	5.400	5.400	5.400	5.407	5.400	5.400	5.400	5.400	5.400	5.400	5.400
MP6（μSv/h）	6.633	6.630	6.637	6.650	6.637	6.637	6.630	6.640	6.593	6.617	6.617	6.630	6.600	6.587	6.597	6.620	6.567	6.610	6.600	6.593	6.613	6.563	6.580	6.587
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西	西南西	南西	西南西	南西	南南東	南西	南東	北北西	北北西	北北西	北北西	北北西	北西	西	西北西	北西	西北西	西北西	北西	北西	北北西	西北西	西北西
風速（m/s）	5.7	2.8	0.8	0.8	2.3	0.0	0.0	0.1	1.9	2.2	1.9	3.7	3.1	4.0	3.9	2.2	1.7	2.2	3.3	3.6	2.7	3.1	3.0	5.5

福島第二（2F）（事業者のモニタリングポスト）

3/30/2011																								
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	8.197	8.190	8.177	8.410	8.273	8.270	8.910	8.427	8.307	8.353	8.320	8.290	8.307	8.330	8.403	8.280	8.290	8.317	8.280	8.303	8.347	8.357	8.487	8.350
MP2（μSv/h）	4.407	4.390	4.387	4.480	4.407	4.457	4.920	4.650	4.550	4.513	4.463	4.477	4.463	4.497	4.557	4.443	4.413	4.427	4.440	4.443	4.457	4.533	4.613	4.630
MP3（μSv/h）	7.767	7.760	7.737	7.760	7.783	7.787	8.133	7.937	7.883	7.880	7.803	7.810	7.823	7.840	7.823	7.770	7.730	7.757	7.770	7.737	7.740	7.740	7.813	7.840
MP4（μSv/h）	5.957	5.963	5.970	5.987	5.963	5.967	6.130	6.347	6.197	6.097	6.087	6.080	6.117	6.140	6.100	5.997	5.993	5.980	5.953	6.007	5.977	6.003	6.083	6.143
MP5（μSv/h）	5.407	5.407	5.400	5.353	5.400	5.400	5.420	5.887	5.493	5.500	5.493	5.500	5.593	5.687	5.500	5.400	5.400	5.400	5.400	5.400	5.480	5.493	5.493	5.593
MP6（μSv/h）	6.560	6.567	6.567	6.573	6.647	6.623	6.723	6.923	6.790	6.743	6.743	6.737	6.787	6.740	6.667	6.583	6.597	6.573	6.587	6.593	6.597	6.620	6.630	6.687
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西北西	西北西	西北西	北西	北	北北西	北北西	北北東	北東	北北東	北北東	北北東	北北西	南西	西南西	南西	西南西	南西	南南西	南	南南西	南	南南東	南東
風速（m/s）	6.0	7.2	7.6	2.9	4.5	3.0	1.8	3.2	2.5	2.1	2.6	1.6	0.1	0.8	1.4	2.7	3.0	3.0	1.8	1.3	1.4	1.5	3.2	2.7

3/30/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	8.343	8.437	8.333	8.247	8.163	8.160	8.180	8.157	8.160	8.157	8.147	8.160	8.137	8.157	8.160	8.147	8.133	8.097	8.147	8.147	8.140	8.150	8.207	8.117
MP2（μSv/h）	4.550	4.653	4.503	4.377	4.353	4.343	4.363	4.343	4.357	4.357	4.343	4.343	4.343	4.333	4.343	4.363	4.350	4.343	4.370	4.370	4.363	4.390	4.430	4.407
MP3（μSv/h）	7.797	7.813	7.747	7.663	7.683	7.643	7.647	7.653	7.680	7.673	7.663	7.640	7.667	7.633	7.647	7.640	7.647	7.633	7.663	7.657	7.647	7.683	7.723	7.690
MP4（μSv/h）	6.147	6.020	5.950	5.920	5.917	5.920	5.930	5.930	5.897	5.903	5.910	5.930	5.927	5.870	5.890	5.903	5.923	5.880	5.930	5.883	5.893	5.927	5.927	5.943
MP5（μSv/h）	5.493	5.400	5.347	5.307	5.387	5.393	5.333	5.347	5.307	5.300	5.300	5.313	5.333	5.300	5.307	5.300	5.307	5.307	5.300	5.300	5.307	5.307	5.347	5.313
MP6（μSv/h）	6.637	6.567	6.543	6.530	6.503	6.510	6.510	6.520	6.513	6.490	6.477	6.487	6.487	6.480	6.490	6.467	6.500	6.470	6.480	6.483	6.480	6.510	6.520	6.497
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東南東	南東	南東	南	南	南	南南西	南東	東南東	東南東	東	東	東北東	東北東	北東	北北東	北西	北	北北東	西南西	南西	北東	北東	北東
風速（m/s）	1.5	1.0	0.8	3.0	2.2	1.6	2.3	1.7	1.6	1.3	1.4	1.4	1.1	0.8	0.8	0.6	0.5	0.4	0.3	0.3	0.4	0.5	1.0	0.7

3/30/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/h）	8.160	8.137	8.130	8.400	8.423	8.553	8.460	8.247	8.377	8.510	8.420	8.353	8.360	8.350	8.400	8.443	8.190	8.147	8.153	8.147	8.153	8.150	8.157	8.147
MP2（μSv/h）	4.377	4.360	4.373	4.630	4.637	4.837	4.910	4.447	4.550	4.680	4.703	4.553	4.570	4.557	4.627	4.653	4.417	4.377	4.353	4.353	4.357	4.353	4.367	4.387
MP3（μSv/h）	7.687	7.673	7.633	7.787	7.817	8.117	8.267	7.940	7.773	7.830	7.990	7.800	7.823	7.770	7.870	7.857	7.843	7.710	7.733	7.710	7.667	7.627	7.643	7.647
MP4（μSv/h）	5.943	5.907	5.857	5.913	5.983	6.287	6.437	6.083	5.937	5.990	6.080	6.043	6.087	6.017	6.080	6.177	6.193	6.110	6.030	5.983	6.053	5.927	5.960	5.977
MP5（μSv/h）	5.320	5.300	5.307	5.307	5.367	5.693	5.787	5.593	5.400	5.500	5.400	5.447	5.453	5.400	5.513	5.687	5.693	5.540	5.400	5.307	5.400	5.307	5.300	5.400
MP6（μSv/h）	6.523	6.500	6.523	6.493	6.530	6.647	6.743	6.567	6.570	6.670	6.687	6.683	6.770	6.713	6.777	6.887	6.977	6.837	6.780	6.750	6.733	6.630	6.633	6.740
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東北東	東北東	北東	北北東	北東	東北東	北東	東北東	東	東	東	東	東	東	東	東	東南東	南東	南東	南東	南東	南東	南東	南東
風速（m/s）	1.4	1.5	1.3	1.4	1.6	2.3	2.0	2.2	0.7	3.8	1.2	1.3	2.0	3.8	3.5	3.7	3.0	2.4	2.7	2.2	2.2	2.5	2.6	2.0

福島第二（2F）（事業者のモニタリングポスト）

3/30/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/h）	8.227	8.260	8.110	8.067	8.060	8.053	8.070	8.043	8.050	8.047	8.000	8.013	8.043	8.017	8.007	7.997	8.013	7.997	7.983	7.990	7.983	7.963	7.970	7.933
MP2（μSv/h）	4.457	4.533	4.360	4.323	4.333	4.310	4.303	4.303	4.303	4.317	4.300	4.277	4.287	4.267	4.280	4.277	4.273	4.273	4.257	4.257	4.257	4.240	4.223	4.247
MP3（μSv/h）	7.697	7.790	7.610	7.597	7.587	7.590	7.610	7.593	7.560	7.553	7.550	7.533	7.553	7.530	7.543	7.490	7.543	7.503	7.480	7.483	7.467	7.487	7.470	7.473
MP4（μSv/h）	6.103	6.047	5.887	5.897	5.837	5.890	5.837	5.867	5.823	5.847	5.840	5.843	5.807	5.833	5.827	5.787	5.800	5.810	5.810	5.790	5.783	5.763	5.790	5.753
MP5（μSv/h）	5.493	5.493	5.273	5.300	5.260	5.253	5.207	5.207	5.200	5.207	5.207	5.207	5.207	5.207	5.207	5.207	5.207	5.207	5.207	5.113	5.160	5.200	5.207	5.160
MP6（μSv/h）	6.897	6.783	6.623	6.587	6.567	6.607	6.577	6.560	6.560	6.540	6.540	6.537	6.517	6.527	6.507	6.510	6.463	6.483	6.490	6.470	6.490	6.480	6.443	6.453
MP7（μSv/h）	3.750	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南東	南南東	南東	南東	南南東	南東	東南東	東南東	南東	南東	東南東	南東	南東	南東	東南東	南南西	南南西	南西	北北東	南東	北東	北西	西	南南東
風速（m/s）	2.0	1.9	1.1	2.2	1.9	2.4	2.8	1.2	1.1	2.7	2.1	1.4	0.6	1.1	0.8	2.0	0.8	0.5	0.0	0.4	1.3	0.7	0.1	0.7

3/30/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）	7.950	7.927	7.953	7.907	7.923	7.920	7.920	7.907	7.923	7.890	7.890	7.890	7.877	7.877	7.850	7.847	7.870	7.863	7.850	7.847	7.830	7.830	7.807	7.813
MP2（μSv/h）	4.247	4.243	4.217	4.207	4.217	4.243	4.233	4.217	4.210	4.233	4.210	4.200	4.200	4.203	4.190	4.187	4.217	4.193	4.190	4.170	4.187	4.143	4.147	4.130
MP3（μSv/h）	7.450	7.453	7.437	7.460	7.437	7.470	7.430	7.437	7.427	7.427	7.423	7.397	7.390	7.387	7.387	7.377	7.400	7.393	7.363	7.360	7.370	7.347	7.303	7.293
MP4（μSv/h）	5.753	5.760	5.763	5.750	5.767	5.737	5.727	5.727	5.717	5.740	5.720	5.737	5.743	5.710	5.707	5.697	5.703	5.717	5.690	5.710	5.683	5.677	5.627	5.637
MP5（μSv/h）	5.160	5.200	5.147	5.120	5.160	5.153	5.153	5.113	5.107	5.107	5.107	5.107	5.107	5.107	5.107	5.107	5.107	5.060	5.107	5.107	5.107	5.067	5.007	5.007
MP6（μSv/h）	6.463	6.450	6.423	6.457	6.430	6.447	6.443	6.443	6.400	6.380	6.397	6.400	6.380	6.390	6.373	6.357	6.383	6.353	6.340	6.327	6.350	6.337	6.307	6.290
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南南東	南南西	南	南	南西	南西	南南西	南西	南東	南南東	南	南西	西南西	南南西	南南東	南西	南南東	南南東	南東	東南東	北東	南	東南東	東南東
風速（m/s）	1.4	1.9	2.2	1.4	1.5	1.6	1.6	0.8	0.8	2.1	2.3	0.6	1.4	1.1	0.7	2.3	1.5	1.4	0.8	0.2	0.1	0.5	0.6	0.7

3/30/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	7.780	7.783	7.743	7.767	7.763	7.770	7.750	7.703	7.810	7.770	7.780	7.710	7.703	7.683	7.730	7.910	8.353	8.047	7.770	7.760	7.743	7.727	7.723	7.747
MP2（μSv/h）	4.130	4.127	4.107	4.087	4.120	4.077	4.087	4.077	4.113	4.113	4.103	4.077	4.053	4.060	4.040	4.130	4.400	4.377	4.087	4.063	4.080	4.087	4.070	4.097
MP3（μSv/h）	7.297	7.303	7.317	7.300	7.307	7.287	7.237	7.237	7.267	7.263	7.260	7.180	7.203	7.213	7.200	7.167	7.243	7.350	7.283	7.180	7.173	7.183	7.210	7.223
MP4（μSv/h）	5.623	5.627	5.627	5.633	5.627	5.613	5.620	5.573	5.577	5.580	5.620	5.580	5.547	5.530	5.513	5.547	5.667	5.723	5.647	5.573	5.547	5.527	5.550	5.587
MP5（μSv/h）	5.007	5.007	5.013	5.007	5.007	5.007	5.007	4.913	4.907	4.960	4.960	4.907	4.907	4.913	4.913	4.913	5.007	5.107	5.077	4.907	4.913	4.907	4.913	4.967
MP6（μSv/h）	6.278	6.297	6.263	6.270	6.263	6.237	6.203	6.197	6.167	6.210	6.177	6.183	6.147	6.130	6.140	6.133	6.337	6.333	6.227	6.167	6.153	6.140	6.150	6.117
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北東	北北東	北	北北西	北北西	北	北	北北東	北	北	北北東	北	北	北	北	北	北	北北東	北北東	北北東	北北東	北北東	北	北
風速（m/s）	1.3	2.9	4.1	4.6	4.9	5.4	4.5	5.3	3.7	4.7	4.3	4.5	4.4	3.6	3.1	3.2	3.0	4.1	4.1	3.9	3.6	3.5	4.9	4.7

福島第二（2F）（事業者のモニタリングポスト）

3/31/2011																								
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	7.780	7.757	7.757	7.750	7.733	7.750	7.690	7.697	7.713	7.680	7.657	7.657	7.653	7.667	7.680	7.677	7.643	7.677	7.647	7.640	7.623	7.623	7.593	7.607
MP2（μSv/h）	4.113	4.097	4.097	4.103	4.067	4.067	4.073	4.040	4.050	4.067	4.043	4.030	4.027	4.033	4.033	4.037	4.040	4.047	4.017	4.027	4.037	4.030	4.013	4.017
MP3（μSv/h）	7.203	7.193	7.173	7.203	7.140	7.157	7.140	7.120	7.140	7.157	7.123	7.117	7.127	7.113	7.113	7.123	7.130	7.143	7.107	7.113	7.083	7.060	7.070	7.077
MP4（μSv/h）	5.623	5.537	5.557	5.543	5.527	5.527	5.510	5.510	5.530	5.520	5.517	5.507	5.510	5.493	5.507	5.510	5.487	5.517	5.527	5.453	5.473	5.487	5.470	5.477
MP5（μSv/h）	4.960	4.913	4.913	4.913	4.913	4.907	4.907	4.913	4.913	4.873	4.853	4.907	4.867	4.893	4.860	4.913	4.913	4.907	4.907	4.873	4.860	4.840	4.853	4.867
MP6（μSv/h）	6.143	6.120	6.120	6.143	6.120	6.113	6.123	6.097	6.093	6.117	6.073	6.120	6.080	6.073	6.073	6.080	6.100	6.090	6.060	6.070	6.067	6.077	6.057	6.070
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北西	北北西	北	北北東	北北東	北北東	北	西北西	北西	北北西	北東	北北東	東北東	東北東	東	西南西	東南東	南東	南南東	南南東	南西	南南西	南南西	南南東
風速（m/s）	4.4	3.1	2.5	2.5	1.0	0.7	0.2	0.2	0.7	0.2	1.1	1.2	0.8	0.4	0.4	0.0	1.8	2.2	1.3	1.4	1.5	1.4	1.6	0.5

3/31/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	7.630	7.590	7.613	7.587	7.580	7.577	7.583	7.577	7.580	7.580	7.560	7.543	7.543	7.557	7.573	7.530	7.540	7.537	7.527	7.533	7.563	7.527	7.553	7.513
MP2（μSv/h）	4.030	4.023	3.993	4.000	3.987	3.973	4.023	4.003	4.000	3.993	4.000	3.987	3.993	3.990	4.000	3.983	3.987	3.970	3.987	3.980	3.987	3.983	3.987	3.960
MP3（μSv/h）	7.057	7.083	7.050	7.063	7.073	7.077	7.040	7.063	7.037	7.067	7.047	7.027	7.003	7.040	7.053	7.050	7.043	7.050	6.997	7.010	7.037	7.027	6.987	7.033
MP4（μSv/h）	5.473	5.467	5.477	5.490	5.483	5.483	5.463	5.460	5.473	5.443	5.453	5.457	5.467	5.440	5.453	5.447	5.437	5.457	5.447	5.427	5.423	5.437	5.453	5.437
MP5（μSv/h）	4.900	4.820	4.853	4.900	4.813	4.807	4.813	4.813	4.807	4.813	4.820	4.827	4.807	4.807	4.813	4.813	4.813	4.813	4.813	4.813	4.813	4.813	4.813	4.813
MP6（μSv/h）	6.070	6.060	6.057	6.063	6.063	6.047	6.050	6.047	6.033	6.023	6.037	6.033	6.060	6.023	6.003	6.033	6.030	6.033	6.020	6.023	6.053	6.027	6.010	6.047
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南東	南	南	南南西	南南西	南南西	南西	西南西	西南西	西南西	西南西	西南西	西南西	南西	南西	南西	南西	南西	西南西	西南西	西南西	西	西	西北西
風速（m/s）	1.4	2.0	1.4	1.6	1.6	1.5	2.1	2.2	2.6	3.4	4.0	2.8	3.6	1.3	1.9	2.0	1.0	1.0	0.9	1.9	2.9	3.0	4.7	4.7

3/31/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/ｈ）	7.517	7.530	7.540	7.537	7.530	7.513	7.510	7.500	7.527	7.497	7.540	7.503	7.487	7.493	7.513	7.517	7.563	7.580	7.507	7.543	7.590	7.493	7.503	7.503
MP2（μSv/ｈ）	3.983	3.993	3.970	3.990	3.970	3.953	3.963	3.967	3.973	3.963	3.963	3.980	3.970	3.960	3.973	4.003	4.050	4.023	3.993	3.977	4.023	3.983	3.960	3.983
MP3（μSv/ｈ）	7.000	7.010	7.000	7.013	6.973	6.997	7.003	7.010	6.987	6.983	6.980	6.973	6.993	7.000	7.003	6.983	7.010	7.030	7.000	7.003	7.050	6.990	6.980	6.947
MP4（μSv/ｈ）	5.427	5.410	5.423	5.427	5.433	5.440	5.397	5.440	5.430	5.413	5.433	5.410	5.423	5.403	5.410	5.417	5.453	5.470	5.417	5.413	5.443	5.413	5.403	5.423
MP5（μSv/ｈ）	4.813	4.807	4.813	4.807	4.807	4.807	4.807	4.760	4.807	4.813	4.813	4.813	4.813	4.813	4.813	4.813	4.813	4.813	4.813	4.807	4.813	4.807	4.813	4.767
MP6（μSv/ｈ）	6.020	6.007	6.040	6.043	6.027	6.010	6.003	6.027	6.020	6.013	6.020	6.017	6.000	6.023	6.003	6.063	6.067	6.050	6.070	6.047	6.060	6.027	6.017	6.030
MP7（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西	西北西	西北西	北北西	北	北北西	北北西	北北西	北北西	北	北	北北東	北北東	北東	北東	北東	北東	北東	東北東	東北東	東北東	東北東	東	南南西
風速（m/ｓ）	3.5	2.3	4.4	4.5	5.8	5.2	5.2	4.7	2.5	2.5	3.0	2.7	2.5	3.0	3.0	3.1	4.1	4.2	5.4	5.0	5.0	5.9	6.1	1.7

福島第二（2F）（事業者のモニタリングポスト）

3/31/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/ｈ）	7.600	7.603	7.630	7.647	7.610	7.607	7.603	7.590	7.590	7.610	7.560	7.587	7.577	7.563	7.503	7.503	7.497	7.497	7.493	7.510	7.517	7.517	7.507	7.510
MP2（μSv/ｈ）	4.013	4.027	4.033	4.023	4.017	3.997	4.020	4.023	4.017	4.020	4.017	4.010	4.007	4.003	3.970	3.970	3.977	3.977	3.967	3.973	3.990	3.960	3.977	3.980
MP3（μSv/ｈ）	6.977	6.993	7.020	6.957	6.957	6.967	6.957	6.967	6.980	6.970	6.950	6.947	6.943	6.953	6.890	6.890	6.897	6.893	6.907	6.860	6.910	6.863	6.890	6.893
MP4（μSv/ｈ）	5.390	5.397	5.417	5.417	5.393	5.403	5.397	5.410	5.403	5.393	5.390	5.380	5.387	5.407	5.363	5.363	5.350	5.343	5.007	4.993	4.990	5.000	5.023	4.983
MP5（μSv/ｈ）	4.793	4.807	4.813	4.813	4.813	4.813	4.760	4.760	4.713	4.760	4.760	4.713	4.713	4.713	4.713	4.713	4.713	4.713	4.713	4.713	4.713	4.713	4.713	4.713
MP6（μSv/ｈ）	6.017	6.037	6.043	6.010	6.037	6.007	6.050	6.010	6.007	6.037	6.030	6.000	6.033	6.013	5.960	5.960	5.960	5.967	5.947	5.950	5.970	5.993	5.950	5.960
MP7（μSv/ｈ）	3.250	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東	東北東	東北東	北東	北東	北東	北東	北東	北東	東北東	東南東	東南東	東北東	東	北東	北東	北西	北西	西北西	北北西	北西	北北西	北北西	北
風速（m/ｓ）	4.0	4.6	6.0	5.1	3.0	3.5	3.9	2.9	3.7	2.7	2.0	1.7	3.2	2.6	6.0	6.0	5.9	6.9	9.9	7.8	5.3	5.2	4.6	3.2

3/31/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/ｈ）	7.507	7.493	7.527	7.550	7.530	7.457	7.480	7.483	7.483	7.490	7.453	7.533	7.477	7.520	7.507	7.540	7.470	7.470	7.443	7.407	7.420	7.437	7.417	7.410
MP2（μSv/ｈ）	3.977	3.987	3.997	4.013	4.023	3.960	3.943	3.963	3.963	3.943	3.943	3.990	4.003	4.000	4.003	4.017	3.973	3.960	3.950	3.937	3.927	3.920	3.927	3.923
MP3（μSv/ｈ）	6.900	6.900	6.883	6.940	6.957	6.907	6.900	6.890	6.893	6.880	6.880	6.920	6.940	6.887	6.910	6.893	6.860	6.837	6.847	6.827	6.830	6.847	6.840	6.833
MP4（μSv/ｈ）	5.007	5.007	5.000	5.027	5.083	5.020	5.023	4.970	4.983	4.987	4.993	4.993	5.033	5.027	5.033	5.023	4.987	4.983	4.970	4.953	4.933	4.953	4.937	4.950
MP5（μSv/ｈ）	4.713	4.713	4.713	4.713	4.807	4.713	4.713	4.713	4.713	4.713	4.713	4.713	4.713	4.713	4.713	4.713	4.713	4.713	4.713	4.687	4.667	4.713	4.660	4.693
MP6（μSv/ｈ）	5.967	5.967	5.987	5.997	6.020	5.930	5.983	5.967	5.950	5.937	5.940	5.960	5.957	5.957	5.943	5.957	5.960	5.963	5.947	5.943	5.917	5.920	5.903	5.927
MP7（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東北東	北東	北東	北東	北東	北東	北東	北北東	北	北	北	北西	西北西	北東	北北西	北北西	北北西	北西	北北西	北北西	北北西	北北西	北北西	北北西
風速（m/ｓ）	2.5	4.4	4.5	3.3	3.8	3.0	2.2	1.8	1.0	1.8	1.6	3.0	3.3	1.0	1.6	2.8	4.8	5.2	5.6	7.0	7.1	6.7	6.3	6.8

3/31/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	7.413	7.397	7.423	7.403	7.380	7.400	7.420	7.360	7.390	7.370	7.380	7.390	7.377	7.363	7.347	7.367	7.337	7.343	7.347	7.337	7.333	7.303	7.330	7.307
MP2（μSv/h）	3.907	3.937	3.920	3.917	3.907	3.907	3.907	3.887	3.897	3.890	3.900	3.870	3.877	3.873	3.887	3.887	3.887	3.870	3.857	3.863	3.867	3.867	3.843	3.857
MP3（μSv/h）	6.810	6.797	6.820	6.820	6.790	6.830	6.793	6.790	6.770	6.780	6.773	6.777	6.747	6.790	6.763	6.760	6.743	6.750	6.733	6.723	6.747	6.700	6.717	6.723
MP4（μSv/h）	4.950	4.953	4.930	4.923	4.943	4.930	4.923	4.940	4.920	4.923	4.900	4.907	4.930	4.903	4.910	4.880	4.887	4.900	4.893	4.890	4.880	4.897	4.890	4.893
MP5（μSv/h）	4.713	4.667	4.613	4.613	4.660	4.640	4.613	4.613	4.620	4.613	4.613	4.613	4.660	4.613	4.613	4.620	4.620	4.620	4.613	4.613	4.613	4.613	4.620	4.613
MP6（μSv/h）	5.893	5.900	5.903	5.893	5.917	5.900	5.870	5.907	5.910	5.877	5.870	5.877	5.877	5.893	5.880	5.870	5.857	5.897	5.860	5.877	5.867	5.857	5.863	5.847
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北西	北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北北西	北	北北西	北北西	北西	北西	北西	北西	北西	北西	北西	北北西
風速（m/s）	7.8	8.1	6.7	5.5	6.0	5.7	5.7	5.6	6.0	5.5	4.6	5.2	4.8	4.8	4.6	6.3	6.3	5.2	6.4	21:36	7.4	7.4	7.9	7.1

福島第二（2F）（事業者のモニタリングポスト）

4/1/2011																								
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	7.303	7.317	7.287	7.313	7.260	7.300	7.273	7.253	7.313	7.307	7.287	7.283	7.260	7.257	7.260	7.270	7.257	7.227	7.227	7.223	7.257	7.253	7.243	7.220
MP2（μSv/h）	3.840	3.850	3.837	3.833	3.863	3.833	3.860	3.860	3.843	3.817	3.830	3.820	3.833	3.853	3.830	3.840	3.833	3.817	3.813	3.813	3.813	3.803	3.810	3.837
MP3（μSv/h）	6.730	6.673	6.717	6.733	6.743	6.713	6.710	6.690	6.713	6.690	6.693	6.707	6.697	6.693	6.687	6.683	6.687	6.663	6.670	6.673	6.670	6.640	6.637	6.643
MP4（μSv/h）	4.893	4.857	4.883	4.867	4.883	4.850	4.870	4.870	4.847	4.863	4.850	4.847	4.840	4.833	4.837	4.843	4.843	4.820	4.820	4.823	4.813	4.840	4.830	4.823
MP5（μSv/h）	4.620	4.613	4.620	4.613	4.620	4.613	4.613	4.613	4.613	4.587	4.613	4.613	4.613	4.620	4.620	4.567	4.613	4.620	4.573	4.567	4.567	4.540	4.520	4.540
MP6（μSv/h）	5.840	5.823	5.830	5.823	5.850	5.827	5.817	5.830	5.827	5.793	5.810	5.823	5.807	5.820	5.803	5.793	5.800	5.767	5.770	5.800	5.790	5.773	5.790	5.790
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	西北西	北西	北西	北西	北西	北西	北西	北西	北西	北西
風速（m/s）	6.8	6.2	5.6	5.7	4.8	4.9	4.7	4.4	5.0	5.6	5.4	4.9	4.3	3.9	3.6	4.1	4.7	5.2	5.0	4.4	4.7	6.1	5.1	4.7

4/1/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	7.223	7.240	7.210	7.200	7.207	7.210	7.223	7.223	7.190	7.190	7.183	7.167	7.193	7.183	7.150	7.167	7.187	7.183	7.160	7.160	7.170	7.150	7.157	7.173
MP2（μSv/h）	3.813	3.803	3.790	3.817	3.803	3.790	3.807	3.780	3.803	3.803	3.780	3.773	3.793	3.787	3.780	3.793	3.777	3.780	3.773	3.783	3.770	3.783	3.787	3.767
MP3（μSv/h）	6.633	6.653	6.647	6.643	6.623	6.640	6.620	6.647	6.617	6.603	6.583	6.590	6.610	6.630	6.617	6.593	6.603	6.597	6.567	6.577	6.587	6.653	6.580	6.603
MP4（μSv/h）	4.820	4.807	4.810	4.810	4.800	4.800	4.793	4.783	4.803	4.793	4.807	4.790	4.800	4.790	4.793	4.773	4.770	4.770	4.803	4.787	4.793	4.750	4.773	4.767
MP5（μSv/h）	4.567	4.513	4.573	4.520	4.513	4.540	4.520	4.513	4.520	4.520	4.520	4.520	4.520	4.520	4.520	4.520	4.520	4.520	4.513	4.513	4.520	4.520	4.520	4.520
MP6（μSv/h）	5.807	5.787	5.753	5.770	5.767	5.780	5.770	5.757	5.757	5.753	5.743	5.767	5.750	5.743	5.753	5.767	5.740	5.730	5.720	5.743	5.737	5.720	5.733	5.733
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北西	北北西	北西	北西	西北西	西南西	西	西北西	北
風速（m/s）	4.0	4.4	5.0	5.0	5.1	4.5	4.5	4.7	4.6	4.2	4.2	4.1	3.5	3.4	4.1	3.6	3.3	2.8	2.9	1.9	0.5	0.8	0.5	0.8

4/1/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/h）	7.143	7.153	7.143	7.130	7.153	7.123	7.113	7.157	7.140	7.263	7.233	7.230	7.207	7.163	7.160	7.150	7.133	7.130	7.083	7.110	7.100	7.127	7.123	7.103
MP2（μSv/h）	3.787	3.767	3.770	3.777	3.757	3.773	3.780	3.783	3.760	3.833	3.907	3.870	3.843	3.807	3.770	3.777	3.757	3.757	3.753	3.747	3.757	3.743	3.767	3.773
MP3（μSv/h）	6.657	6.603	6.583	6.583	6.550	6.547	6.567	6.547	6.553	6.557	6.620	6.663	6.630	6.617	6.577	6.550	6.550	6.563	6.543	6.543	6.540	6.520	6.510	6.563
MP4（μSv/h）	4.773	4.767	4.777	4.790	4.783	4.777	4.757	4.753	4.747	4.767	4.783	4.840	4.843	4.787	4.770	4.753	4.763	4.743	4.733	4.733	4.730	4.740	4.730	4.767
MP5（μSv/h）	4.520	4.520	4.520	4.513	4.513	4.520	4.520	4.520	4.520	4.520	4.520	4.520	4.620	4.520	4.520	4.500	4.467	4.500	4.467	4.420	4.420	4.440	4.467	4.493
MP6（μSv/h）	5.743	5.723	5.703	5.713	5.743	5.717	5.703	5.730	5.713	5.723	5.707	5.783	5.820	5.797	5.737	5.707	5.743	5.723	5.730	5.700	5.713	5.720	5.713	5.747
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北西	北北東	東北東	東南東	東	東	東南東	東	東南東	南東	東南東	東南東	東南東	南東	南東	東南東	東南東	南東	東南東	東南東	東南東	南東	南東	南東
風速（m/s）	0.8	0.3	0.8	1.6	2.5	2.9	2.7	3.6	3.6	3.3	3.5	3.5	4.1	3.3	3.3	2.5	2.5	3.3	3.1	3.8	2.4	3.4	4.2	3.0

福島第二（2F）（事業者のモニタリングポスト）

4/1/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/h）	7.110	7.073	7.100	7.103	7.077	7.070	7.097	7.120	7.070	7.090	7.090	7.070	7.083	7.070	7.073	7.057	7.043	7.063	7.087	7.057	7.040	6.997	7.060	7.033
MP2（μSv/h）	3.767	3.767	3.763	3.760	3.747	3.750	3.753	3.733	3.720	3.753	3.747	3.733	3.727	3.743	3.730	3.737	3.733	3.710	3.733	3.710	3.723	3.713	3.737	3.730
MP3（μSv/h）	6.563	6.567	6.507	6.487	6.523	6.510	6.517	6.537	6.497	6.497	6.477	6.493	6.493	6.483	6.480	6.493	6.477	6.430	6.477	6.467	6.467	6.423	6.440	6.453
MP4（μSv/h）	4.727	4.727	4.727	4.713	4.730	4.743	4.717	4.717	4.687	4.710	4.697	4.687	4.683	4.687	4.677	4.700	4.677	4.687	4.670	4.677	4.660	4.660	4.667	4.667
MP5（μSv/h）	4.473	4.473	4.420	4.420	4.420	4.420	4.427	4.420	4.420	4.420	4.420	4.420	4.420	4.420	4.420	4.420	4.420	4.420	4.420	4.420	4.420	4.420	4.427	4.420
MP6（μSv/h）	5.737	5.717	5.710	5.697	5.707	5.697	5.690	5.700	5.677	5.703	5.687	5.710	5.693	5.687	5.713	5.697	5.683	5.667	5.700	5.690	5.693	5.690	5.663	5.670
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南東	南南東	南南東	南南東	南南東	南東	南南東	南東	南東	東	南南東	南	南	南	南	南	南	南	南南東	南	南	南	南	南
風速（m/s）	2.5	2.5	3.8	4.9	4.3	5.1	5.4	4.1	3.7	3.1	6.1	9.8	9.1	9.3	9.9	9.4	11.7	12.6	10.2	11.3	11.8	10.4	10.5	12.6

4/1/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）	7.043	6.993	7.007	7.013	7.020	7.020	7.033	6.983	7.040	7.010	6.977	7.007	6.983	6.960	6.990	6.973	6.973	6.960	6.947	6.980	6.930	6.957	6.957	6.950
MP2（μSv/h）	3.707	3.713	3.710	3.713	3.727	3.713	3.707	3.707	3.717	3.713	3.710	3.703	3.687	3.683	3.693	3.667	3.680	3.673	3.683	3.670	3.677	3.680	3.680	3.673
MP3（μSv/h）	6.443	6.467	6.443	6.427	6.443	6.423	6.440	6.433	6.420	6.437	6.433	6.433	6.423	6.397	6.420	6.400	6.383	6.383	6.400	6.390	6.373	6.367	6.387	6.357
MP4（μSv/h）	4.657	4.660	4.663	4.667	4.660	4.660	4.637	4.640	4.650	4.653	4.653	4.617	4.633	4.623	4.647	4.643	4.627	4.640	4.643	4.620	4.633	4.637	4.643	4.620
MP5（μSv/h）	4.420	4.420	4.420	4.420	4.373	4.427	4.367	4.420	4.373	4.427	4.380	4.360	4.327	4.340	4.420	4.347	4.367	4.320	4.327	4.347	4.320	4.320	4.320	4.333
MP6（μSv/h）	5.680	5.673	5.680	5.647	5.673	5.663	5.667	5.647	5.663	5.667	5.643	5.640	5.650	5.637	5.643	5.647	5.637	5.627	5.653	5.660	5.627	5.633	5.617	5.647
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南	南	南	南	南	南	南	南	南	南	南南西	南南西	南	南	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西
風速（m/s）	13.0	10.8	13.2	11.8	11.3	11.9	11.9	13.0	11.9	10.6	11.2	11.6	11.5	11.4	9.9	11.1	11.5	9.4	8.8	8.0	9.3	9.6	11.6	11.4

4/1/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	6.947	6.923	6.937	6.937	6.920	6.917	6.943	6.920	6.937	6.900	6.940	6.893	6.930	6.930	6.897	6.897	6.883	6.893	6.877	6.883	6.900	6.893	6.907	6.880
MP2（μSv/h）	3.677	3.660	3.663	3.653	3.667	3.660	3.653	3.670	3.653	3.677	3.670	3.660	3.650	3.673	3.650	3.650	3.643	3.630	3.670	3.650	3.633	3.643	3.650	3.627
MP3（μSv/h）	6.380	6.367	6.383	6.380	6.337	6.383	6.377	6.357	6.320	6.357	6.320	6.340	6.350	6.330	6.347	6.327	6.343	6.343	6.330	6.280	6.307	6.333	6.323	6.310
MP4（μSv/h）	4.630	4.617	4.620	4.607	4.613	4.623	4.580	4.603	4.607	4.610	4.597	4.600	4.597	4.607	4.567	4.583	4.580	4.603	4.597	4.590	4.583	4.553	4.563	4.587
MP5（μSv/h）	4.367	4.320	4.320	4.327	4.327	4.320	4.327	4.320	4.327	4.320	4.320	4.327	4.320	4.320	4.327	4.327	4.320	4.320	4.327	4.327	4.320	4.320	4.327	4.327
MP6（μSv/h）	5.607	5.630	5.803	5.593	5.613	5.593	5.617	5.623	5.603	5.573	5.617	5.603	5.577	5.600	5.603	5.577	5.590	5.577	5.570	5.600	5.607	5.560	5.593	5.577
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南南西	南南西	南南西	南南西	南	南	南	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南西	南南西	南西	南西	南西	南西	西南西	西南西
風速（m/s）	4.1	12.5	10.4	9.7	10.2	10.3	10.4	9.4	9.6	10.8	11.9	12.6	12.5	11.9	10.5	10.4	9.7	10.8	9.4	8.5	8.7	6.7	5.8	7.4

福島第二（2F）（事業者のモニタリングポスト）

4/2/2011																								
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	6.880	6.900	6.903	6.863	6.847	6.837	6.860	6.853	6.873	6.837	6.847	6.830	6.833	6.820	6.810	6.823	6.823	6.810	6.790	6.803	6.810	6.813	6.807	6.790
MP2（μSv/h）	3.647	3.633	3.627	3.643	3.623	3.637	3.613	3.613	3.637	3.610	3.613	3.597	3.623	3.620	3.607	3.600	3.597	3.613	3.603	3.613	3.590	3.610	3.593	3.607
MP3（μSv/h）	6.323	6.333	6.303	6.293	6.297	6.300	6.280	6.273	6.287	6.283	6.287	6.290	6.273	6.280	6.263	6.243	6.260	6.267	6.247	6.267	6.230	6.243	6.243	6.250
MP4（μSv/h）	4.560	4.583	4.583	4.570	4.577	4.563	4.583	4.550	4.553	4.547	4.550	4.553	4.543	4.547	4.553	4.520	4.527	4.543	4.537	4.527	4.533	4.543	4.527	4.510
MP5（μSv/h）	4.320	4.327	4.327	4.320	4.320	4.327	4.320	4.327	4.327	4.327	4.320	4.307	4.267	4.273	4.260	4.267	4.327	4.267	4.280	4.313	4.227	4.220	4.260	4.220
MP6（μSv/h）	5.587	5.563	5.567	5.570	5.537	5.530	5.567	5.557	5.550	5.547	5.563	5.560	5.547	5.547	5.533	5.560	5.570	5.530	5.537	5.547	5.540	5.523	5.530	5.530
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南西	南西	南西	南西	南西	南西	南西	南西	南南西	南西	南西	南西	南西	南西	南西	南西	南西	南西	南西	南西	南西	南西	南西	南西
風速（m/s）	6.7	7.0	8.5	7.2	7.7	7.7	6.6	7.1	6.9	6.9	7.4	7.7	6.6	7.3	7.5	8.8	8.5	7.7	7.1	7.4	6.7	7.4	6.9	6.7

4/2/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	6.787	6.773	6.827	6.787	6.763	6.817	6.793	6.763	6.797	6.763	6.767	6.740	6.747	6.790	6.730	6.753	6.747	6.740	6.757	6.730	6.753	6.773	6.717	6.783
MP2（μSv/h）	3.593	3.600	3.573	3.590	3.577	3.590	3.583	3.573	3.573	3.567	3.593	3.557	3.563	3.583	3.583	3.567	3.560	3.550	3.567	3.583	3.563	3.570	3.557	3.537
MP3（μSv/h）	6.240	6.257	6.227	6.243	6.223	6.210	6.197	6.223	6.217	6.200	6.203	6.213	6.210	6.170	6.193	6.183	6.187	6.153	6.187	6.203	6.177	6.160	6.160	6.197
MP4（μSv/h）	4.517	4.513	4.543	4.523	4.513	4.513	4.497	4.500	4.487	4.493	4.510	4.493	4.480	4.503	4.470	4.487	4.483	4.490	4.467	4.463	4.483	4.477	4.453	4.477
MP5（μSv/h）	4.220	4.253	4.220	4.280	4.220	4.280	4.220	4.227	4.220	4.227	4.220	4.220	4.227	4.220	4.227	4.220	4.220	4.220	4.220	4.227	4.220	4.220	4.220	4.220
MP6（μSv/h）	5.503	5.547	5.513	5.510	5.527	5.500	5.500	5.503	5.510	5.493	5.503	5.513	5.493	5.483	5.510	5.500	5.510	5.483	5.493	5.503	5.507	5.487	5.480	5.483
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南西	南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南南西	南	南南西	南南西	南南西	南	北北東	北	北	北	北西	北西	西北西	東北東
風速（m/s）	7.4	6.3	7.1	6.1	5.2	4.7	4.7	4.6	4.9	4.5	4.1	5.9	5.1	4.4	3.3	0.7	0.7	1.9	2.8	3.4	3.5	2.3	1.6	2.3

4/2/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/h）	6.747	6.740	6.710	6.730	6.737	6.713	6.707	6.757	6.723	6.703	6.717	6.697	6.723	6.717	6.693	6.690	6.677	6.700	6.700	6.707	6.710	6.653	6.687	6.673
MP2（μSv/h）	3.577	3.577	3.577	3.530	3.567	3.563	3.560	3.560	3.573	3.573	3.570	3.547	3.530	3.543	3.550	3.550	3.550	3.533	3.537	3.533	3.537	3.537	3.543	3.550
MP3（μSv/h）	6.173	6.190	6.163	6.173	6.163	6.137	6.133	6.150	6.153	6.177	6.167	6.147	6.150	6.143	6.127	6.147	6.133	6.137	6.140	6.130	6.110	6.133	6.147	6.110
MP4（μSv/h）	4.463	4.480	4.470	4.460	4.457	4.467	4.470	4.467	4.473	4.450	4.453	4.450	4.450	4.453	4.463	4.457	4.440	4.433	4.457	4.437	4.450	4.443	4.417	4.417
MP5（μSv/h）	4.227	4.220	4.227	4.220	4.173	4.220	4.220	4.173	4.220	4.220	4.167	4.133	4.180	4.173	4.213	4.173	4.153	4.147	4.140	4.127	4.173	4.160	4.147	4.173
MP6（μSv/h）	5.483	5.503	5.487	5.490	5.450	5.477	5.470	5.467	5.453	5.463	5.460	5.473	5.447	5.450	5.473	5.460	5.453	5.437	5.467	5.440	5.447	5.470	5.433	5.453
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東北東	北東	北東	北北東	北北東	南東	西南西	西	西	西	北北西	西北西	西北西	西	西北西	西北西	西南西	南東	東	北	北	南東	南南東	東南東
風速（m/s）	1.3	1.8	3.0	1.1	0.8	0.7	4.7	4.7	4.9	2.5	2.2	2.6	4.3	4.4	4.1	4.9	3.9	3.3	2.7	1.3	2.5	2.8	2.4	2.5

福島第二（2F）（事業者のモニタリングポスト）

4/2/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/h）	6.693	6.693	6.650	6.650	6.667	6.660	6.650	6.650	6.660	6.660	6.640	6.617	6.617	6.630	6.620	6.647	6.657	6.647	6.620	6.610	6.607	6.610	6.617	6.593
MP2（μSv/h）	3.530	3.537	3.527	3.537	3.523	3.530	3.513	3.513	3.540	3.533	3.510	3.510	3.517	3.520	3.500	3.507	3.513	3.510	3.503	3.500	3.530	3.493	3.490	3.493
MP3（μSv/h）	6.147	6.110	6.113	6.090	6.110	6.113	6.110	6.087	6.090	6.063	6.070	6.060	6.070	6.077	6.053	6.063	6.077	6.053	6.043	6.063	6.023	6.073	6.030	6.040
MP4（μSv/h）	4.423	4.403	4.423	4.420	4.407	4.410	4.220	4.403	4.423	4.410	4.400	4.400	4.403	4.407	4.410	4.403	4.400	4.390	4.383	4.383	4.390	4.377	4.373	4.377
MP5（μSv/h）	4.127	4.127	4.127	4.120	4.127	4.127	4.127	4.120	4.127	4.127	4.120	4.120	4.127	4.127	4.127	4.127	4.120	4.127	4.120	4.127	4.127	4.127	4.120	4.120
MP6（μSv/h）	5.437	5.427	5.417	5.420	5.437	5.433	5.400	5.410	5.427	5.440	5.410	5.443	5.423	5.410	5.403	5.423	5.407	5.410	5.393	5.420	5.390	5.387	5.393	5.397
MP7（μSv/h）	2.800	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東	東南東	東南東	西南西	西北西	西	西	西	西北西	西北西	西	西北西	西	西北西	西	西	西	西	西北西	西	西	西	西	西
風速（m/s）	2.8	3.4	3.2	0.9	5.5	5.2	4.8	4.7	3.9	6.2	5.5	6.4	8.3	8.4	9.1	9.7	9.4	9.9	8.5	8.6	8.0	8.1	11.3	12.5

4/2/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）	6.587	6.610	6.577	6.560	6.573	6.583	6.560	6.567	6.560	6.590	6.540	6.530	6.543	6.530	6.537	6.523	6.540	6.507	6.520	6.500	6.520	6.497	6.517	6.470
MP2（μSv/h）	3.490	3.497	3.483	3.493	3.467	3.477	3.460	3.470	3.460	3.467	3.443	3.443	3.443	3.430	3.440	3.437	3.427	3.440	3.437	3.433	3.427	3.423	3.427	3.427
MP3（μSv/h）	6.033	6.023	6.017	6.017	6.037	6.010	6.003	5.973	6.000	6.000	5.947	5.993	5.973	5.980	5.953	5.947	5.993	5.953	5.950	5.947	5.960	5.937	5.923	5.927
MP4（μSv/h）	4.387	4.373	4.387	4.370	4.353	4.390	4.340	4.353	4.377	4.373	4.370	4.357	4.370	4.357	4.370	4.350	4.340	4.363	4.347	4.353	4.350	4.333	4.323	4.333
MP5（μSv/h）	4.120	4.127	4.127	4.127	4.120	4.120	4.127	4.073	4.127	4.127	4.120	4.120	4.120	4.127	4.087	4.073	4.067	4.027	4.113	4.027	4.120	4.073	4.073	4.033
MP6（μSv/h）	5.403	5.390	5.373	5.413	5.387	5.360	5.370	5.370	5.347	5.383	5.353	5.340	5.323	5.340	5.343	5.330	5.323	5.320	5.313	5.290	5.313	5.310	5.300	5.287
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西	西	西	西	西	西北西	西北西	西北西	西北西	西北西	西	西	西北西	西	西	西	西北西	西	西	西北西	西北西	西	西	西
風速（m/s）	13.1	14.7	11.4	14.1	13.8	15.1	15.1	14.4	16.7	12.8	15.7	18.2	15.8	15.0	13.9	15.7	17.5	15.2	16.6	17.1	17.4	14.9	15.2	20.2

4/2/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	6.513	6.487	6.517	6.493	6.493	6.463	6.470	6.493	6.477	6.450	6.473	6.437	6.450	6.437	6.477	6.447	6.453	6.417	6.437	6.433	6.420	6.433	6.400	6.427
MP2（μSv/h）	3.420	3.420	3.423	3.420	3.410	3.400	3.423	3.413	3.410	3.397	3.407	3.407	3.417	3.417	3.407	3.380	3.383	3.393	3.390	3.390	3.383	3.390	3.380	3.380
MP3（μSv/h）	5.910	5.930	5.930	5.933	5.967	5.917	5.933	5.927	5.940	5.913	5.900	5.860	5.913	5.957	5.927	5.913	5.907	5.913	5.920	5.890	5.907	5.897	5.873	5.923
MP4（μSv/h）	4.347	4.353	4.347	4.337	4.323	4.343	4.337	4.340	4.307	4.323	4.347	4.307	4.337	4.323	4.313	4.317	4.310	4.327	4.310	4.327	4.300	4.293	4.297	4.277
MP5（μSv/h）	4.080	4.027	4.060	4.067	4.073	4.027	4.080	4.027	4.027	4.027	4.027	4.027	4.027	4.027	4.027	4.027	4.027	4.027	4.027	4.027	4.027	4.027	4.027	4.027
MP6（μSv/h）	5.263	5.283	5.280	5.283	5.283	4.403	4.397	4.393	4.393	4.383	4.390	4.370	4.387	4.383	4.360	4.377	4.367	4.370	4.380	4.380	4.357	4.353	4.360	4.350
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西	西	西	西	西	西	西	西	西	西	西	西	西	西	西北西	西北西	西北西	西北西	西	西北西	北西	北北西	西北西	北西
風速（m/s）	16.5	16.4	19.6	17.1	17.3	17.9	18.1	17.9	19.6	19.3	13.8	12.8	11.9	11.0	5.6	7.4	4.4	3.5	2.6	3.8	2.5	1.4	2.2	2.7

福島第二（2F）（事業者のモニタリングポスト）

※０：１０より測定機器を電離箱式からＮａIシンチレーション式に変更

4/3/2011		※																						
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	6.417	4.699	4.699	4.705	4.716	4.696	4.695	4.693	4.698	4.679	4.682	4.691	4.682	4.674	4.675	4.669	4.686	4.680	4.690	4.680	4.659	4.680	4.670	4.657
MP2（μSv/h）	3.373	3.427	3.432	3.426	3.431	3.431	3.429	3.424	3.426	3.411	3.410	3.415	3.423	3.421	3.411	3.410	3.395	3.398	3.430	3.412	3.417	3.400	3.398	3.412
MP3（μSv/h）	5.900	5.092	5.098	5.100	5.114	5.098	5.110	5.093	5.094	5.080	5.081	5.094	5.078	5.073	5.083	5.068	5.065	5.084	5.073	5.109	5.090	5.066	5.065	5.042
MP4（μSv/h）	4.293	3.900	3.887	3.883	3.879	3.892	3.880	3.881	3.889	3.882	3.890	3.880	3.880	3.882	3.885	3.873	3.866	3.881	3.857	3.866	3.864	3.862	3.859	3.872
MP5（μSv/h）	4.027	3.775	3.776	3.779	3.784	3.787	3.773	3.773	3.771	3.756	3.758	3.756	3.764	3.776	3.775	3.762	3.765	3.768	3.776	3.773	3.766	3.753	3.743	3.747
MP6（μSv/h）	4.350	4.835	4.825	4.819	4.829	4.834	4.836	4.831	4.825	4.817	4.806	4.831	4.821	4.810	4.821	4.806	4.808	4.817	4.815	4.802	4.800	4.792	4.812	4.800
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	西	西	北	北西	西北西	西	西	西	西	西	西	西	西	西	西北西	西	西	西	北北東	北東	西北西	北西	西
風速（m/s）	2.1	2.1	1.9	3.5	4.1	4.4	6.8	6.3	7.4	4.7	6.3	6.0	5.0	5.6	4.8	5.0	6.0	2.8	1.8	1.6	0.6	2.8	3.4	3.2

4/3/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	4.665	4.663	4.673	4.669	4.667	4.668	4.652	4.655	4.649	4.641	4.655	4.660	4.655	4.655	4.656	4.634	4.643	4.638	4.640	4.642	4.641	4.610	4.630	4.616
MP2（μSv/h）	3.400	3.418	3.400	3.403	3.393	3.382	3.397	3.389	3.405	3.377	3.393	3.400	3.381	3.381	3.393	3.375	3.383	3.387	3.369	3.382	3.378	3.377	3.376	3.377
MP3（μSv/h）	5.062	5.059	5.043	5.043	5.054	5.049	5.046	5.053	5.045	5.043	5.032	5.062	5.034	5.034	5.038	5.023	5.027	5.022	5.043	5.033	5.029	5.014	5.020	5.020
MP4（μSv/h）	3.866	3.868	3.860	3.860	3.856	3.852	3.840	3.852	3.841	3.856	3.843	3.850	3.838	3.838	3.832	3.842	3.836	3.838	3.835	3.830	3.837	3.828	3.833	3.824
MP5（μSv/h）	3.760	3.750	3.732	3.743	3.761	3.745	3.739	3.747	3.731	3.754	3.738	3.741	3.742	3.742	3.722	3.730	3.725	3.730	3.730	3.717	3.731	3.717	3.729	3.732
MP6（μSv/h）	4.813	4.811	4.800	4.798	4.798	4.788	4.790	4.799	4.794	4.787	4.785	4.768	4.789	4.789	4.778	4.771	4.782	4.778	4.782	4.772	4.765	4.760	4.761	4.766
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北西	西北西	西	北	北	北	北西	西	西北西	西北西	西北西	西	西	西	西	西北西	北北東	北北東	西	西	北北西	北北西	北西	北
風速（m/s）	2.2	4.4	3.3	2.9	4.2	5.9	5.5	7.7	7.8	6.3	4.4	4.6	4.0	4.0	2.9	2.7	0.8	0.5	0.4	1.1	2.5	4.3	2.6	3.7

4/3/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/ｈ）	4.615	4.635	4.616	4.623	4.633	4.622	4.608	4.616	4.624	4.613	4.605	4.611	4.608	4.609	4.591	4.617	4.596	4.591	4.607	4.592	4.597	4.610	4.607	4.599
MP2（μSv/ｈ）	3.368	3.380	3.352	3.356	3.369	3.367	3.385	3.357	3.360	3.368	3.368	3.347	3.375	3.355	3.367	3.357	3.356	3.357	3.353	3.354	3.370	3.374	3.365	3.363
MP3（μSv/ｈ）	5.014	5.015	5.008	5.021	4.992	5.002	5.018	5.009	5.006	4.997	4.989	4.988	4.991	5.994	4.991	4.982	4.992	4.990	4.982	4.967	4.987	4.982	4.985	4.981
MP4（μSv/ｈ）	3.831	3.829	3.826	3.835	3.819	3.833	3.828	3.811	3.820	3.825	3.805	3.806	3.804	3.814	3.831	3.812	3.811	3.826	3.821	3.817	3.822	3.829	3.847	3.832
MP5（μSv/ｈ）	3.722	3.719	3.720	3.721	3.712	3.703	3.713	3.715	3.701	3.711	3.696	3.693	3.681	3.702	3.712	3.679	3.697	3.709	3.698	3.684	3.695	3.715	3.708	3.689
MP6（μSv/ｈ）	4.778	4.746	4.753	4.747	4.758	4.769	4.759	4.741	4.750	4.765	4.764	4.746	4.732	4.747	4.746	4.731	4.741	4.734	4.734	4.727	4.732	4.750	4.734	4.727
MP7（μSv/ｈ）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北東	北北西	西北西	西北西	西北西	西北西	西北西	北西	北西	北西	北西	北西	北西	北北西	西北西	北北西	北北西	北西	北	北	北西	北東	北東	東北東
風速（m/ｓ）	1.7	2.2	2.9	3.8	5.2	5.1	6.9	4.5	3.5	3.9	5.5	4.1	3.8	5.8	4.3	3.9	3.7	4.1	4.4	1.8	4.5	3.0	3.0	2.7

福島第二（2F）（事業者のモニタリングポスト）

4/3/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/h）	4.591	4.578	4.587	4.582	4.582	4.593	4.571	4.572	4.560	4.572	4.572	4.556	4.571	4.563	4.564	4.552	4.553	4.543	4.566	4.557	4.532	4.539	4.537	4.551
MP2（μSv/h）	3.356	3.354	3.357	3.335	3.355	3.343	3.338	3.334	3.347	3.348	3.322	3.321	3.320	3.349	3.337	3.351	3.338	3.322	3.318	3.323	3.315	3.312	3.315	3.298
MP3（μSv/h）	4.975	4.983	4.970	4.978	4.964	4.957	4.954	4.962	4.974	4.957	4.940	4.953	4.953	4.955	4.950	4.951	4.919	4.946	4.950	4.939	4.938	4.947	4.928	4.943
MP4（μSv/h）	3.836	3.830	3.828	3.830	3.814	3.831	3.824	3.820	3.815	3.830	3.827	3.833	3.818	3.814	3.804	3.802	3.805	3.816	3.763	3.782	3.749	3.750	3.742	3.741
MP5（μSv/h）	3.706	3.688	3.681	3.676	3.673	3.663	3.667	3.684	3.678	3.671	3.685	3.673	3.670	3.672	3.670	3.683	3.678	3.660	3.657	3.655	3.648	3.645	3.646	3.637
MP6（μSv/h）	4.715	4.736	4.719	4.719	4.729	4.730	4.722	4.709	4.703	4.696	4.714	4.706	4.714	4.702	4.710	4.694	4.685	4.699	4.692	4.677	4.672	4.689	4.673	4.663
MP7（μSv/h）	2.740	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東北東	北東	北東	北東	北北東	北東	北	南東	南西	南西	西	西北西	西北西	西北西	西	西北西	西	西	西北西	西北西	西	西北西	西北西	西北西
風速（m/s）	3.9	3.9	3.3	4.6	4.0	1.1	0.9	0.0	4.1	1.1	2.9	4.2	4.1	4.7	5.6	6.8	4.4	3.4	5.5	3.5	6.3	6.7	6.1	5.7

4/3/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）	4.540	4.537	4.523	4.544	4.521	4.517	4.523	4.532	4.529	4.534	4.513	4.520	4.518	4.511	4.514	4.523	4.513	4.526	4.506	4.516	4.508	4.495	4.501	4.506
MP2（μSv/h）	3.309	3.305	3.300	3.294	3.312	3.301	3.300	3.298	3.296	3.306	3.295	3.306	3.289	3.292	3.295	3.290	3.282	3.274	3.281	3.290	3.284	3.280	3.286	3.279
MP3（μSv/h）	4.920	4.944	4.934	4.925	4.928	4.938	4.913	4.914	4.918	4.922	4.890	4.904	4.904	4.901	4.900	4.898	4.882	4.901	4.899	4.896	4.880	4.880	4.898	4.875
MP4（μSv/h）	3.725	3.747	3.754	3.738	3.731	3.739	3.736	3.720	3.716	3.722	3.716	3.738	3.749	3.731	3.706	3.725	3.727	3.726	3.713	3.714	3.731	3.715	3.711	3.704
MP5（μSv/h）	3.631	3.641	3.634	3.637	3.638	3.627	3.633	3.642	3.629	3.642	3.642	3.623	3.633	3.616	3.621	3.615	3.626	3.622	3.633	3.621	3.611	3.602	3.610	3.605
MP6（μSv/h）	4.657	4.665	4.666	4.648	4.662	4.660	4.651	4.664	4.654	4.647	4.644	4.634	4.618	4.626	4.624	4.650	4.634	4.636	4.638	4.624	4.628	4.626	4.618	4.617
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西北西	西	西	西	西	西	西	西	西	西	西南西	西	西	西北西	西北西	北西	西北西	北	北西	北北西	北北西	北西	北北西	北北東
風速（m/s）	4.8	7.7	7.7	4.8	2.7	2.2	3.7	3.4	5.7	2.1	1.6	4.4	5.1	6.2	3.8	1.9	3.3	2.2	2.3	1.9	3.0	3.2	1.4	1.4

4/3/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	4.492	4.502	4.497	4.482	4.489	4.488	4.493	4.489	4.488	4.490	4.479	4.489	4.492	4.488	4.526	4.508	4.521	4.529	4.462	4.459	4.483	4.464	4.466	4.461
MP2（μSv/h）	3.278	3.274	3.283	3.244	3.281	3.276	3.263	3.262	3.266	3.259	3.254	3.270	3.262	3.246	3.272	3.345	3.335	3.297	3.260	3.249	3.258	3.261	3.257	3.241
MP3（μSv/h）	4.853	4.894	4.888	4.851	4.886	4.858	4.870	4.863	4.863	4.862	4.853	4.858	4.865	4.865	4.854	4.899	4.908	4.893	4.846	4.839	4.855	4.844	4.833	4.847
MP4（μSv/h）	3.712	3.713	3.706	3.712	3.713	3.713	3.706	3.703	3.697	3.687	3.682	3.702	3.687	3.668	3.697	3.708	3.763	3.757	3.675	3.680	3.684	3.690	3.676	3.677
MP5（μSv/h）	3.614	3.601	3.624	3.614	3.614	3.628	3.593	3.608	3.602	3.603	3.614	3.579	3.606	3.597	3.599	3.626	3.664	3.699	3.635	3.588	3.581	3.579	3.591	3.578
MP6（μSv/h）	4.607	4.611	4.610	4.615	4.605	4.633	4.600	4.604	4.595	4.614	4.602	4.583	4.605	4.597	4.620	4.640	4.644	4.653	4.634	4.604	4.596	4.573	4.583	4.589
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北東	北北東	北北東	北北東	北北東	北	北	北	北	北東	北	北	北	北北東	北北東	北北東	北北東	北北東	北北東	北	北	北北東	北	北北東
風速（m/s）	1.0	2.0	1.8	2.8	4.1	4.7	3.8	3.0	1.9	1.5	3.7	3.3	3.5	2.5	3.2	3.4	3.1	3.0	3.0	3.2	2.2	1.6	1.6	1.7

福島第二（2F）（事業者のモニタリングポスト）

4/4/2011																								
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	4.469	4.460	4.455	4.454	4.457	4.459	4.461	4.455	4.454	4.447	4.442	4.441	4.450	4.434	4.439	4.430	4.425	4.423	4.444	4.422	4.429	4.421	4.413	4.432
MP2（μSv/h）	3.251	3.247	3.224	3.246	3.234	3.250	3.230	3.238	3.229	3.237	3.236	3.237	3.233	3.228	3.223	3.227	3.232	3.227	3.221	3.221	3.222	3.218	3.219	3.220
MP3（μSv/h）	4.830	4.830	4.811	4.832	4.830	4.819	4.826	4.810	4.803	4.831	4.823	4.798	4.802	4.803	4.804	4.807	4.802	4.804	4.790	4.787	4.792	4.789	4.787	4.775
MP4（μSv/h）	3.684	3.685	3.664	3.680	3.673	3.682	3.674	3.658	3.679	3.665	3.677	3.669	3.675	3.656	3.655	3.677	3.669	3.672	3.659	3.662	3.659	3.654	3.650	3.663
MP5（μSv/h）	3.570	3.586	3.578	3.571	3.567	3.569	3.565	3.566	3.572	3.559	3.571	3.568	3.568	3.563	3.561	3.561	3.570	3.566	3.575	3.553	3.560	3.540	3.545	3.554
MP6（μSv/h）	4.585	4.582	4.563	4.559	4.585	4.569	4.559	4.577	4.581	4.580	4.557	4.575	4.570	4.565	4.552	4.563	4.575	4.567	4.576	4.573	4.562	4.558	4.543	4.547
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北東	北北東	北	北	北	北	北北東	北	北	北	北北西	北	北北東	北北西	北	北北西	北北東	北	北	北	北北東	北	西北西	西北西
風速（m/s）	2.2	2.7	3.6	3.4	3.1	3.0	1.9	1.5	2.1	1.9	1.2	2.1	2.0	2.2	2.6	3.1	2.7	3.0	3.0	3.0	2.7	3.1	4.3	3.6

4/4/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	4.424	4.417	4.426	4.413	4.429	4.418	4.419	4.420	4.430	4.402	4.404	4.411	4.399	4.387	4.394	4.408	4.409	4.394	4.406	4.400	4.403	4.427	4.444	4.440
MP2（μSv/h）	3.214	3.223	3.215	3.207	3.217	3.210	3.218	3.207	3.219	3.211	3.209	3.226	3.202	3.211	3.191	3.216	3.211	3.209	3.191	3.200	3.179	3.272	3.222	3.232
MP3（μSv/h）	4.796	4.794	4.795	4.777	4.781	4.781	4.794	4.784	4.791	4.773	4.760	4.776	4.779	4.760	4.766	4.776	4.759	4.758	4.770	4.778	4.761	4.779	4.827	4.801
MP4（μSv/h）	3.642	3.636	3.661	3.648	3.650	3.649	3.642	3.639	3.643	3.633	3.638	3.633	3.626	3.623	3.618	3.633	3.635	3.632	3.634	3.621	3.622	3.635	3.665	3.663
MP5（μSv/h）	3.547	3.560	3.548	3.556	3.552	3.552	3.546	3.554	3.547	3.546	3.513	3.533	3.543	3.542	3.541	3.522	3.526	3.544	3.535	3.526	3.526	3.547	3.569	3.570
MP6（μSv/h）	4.545	4.562	4.544	4.533	4.559	4.539	4.540	4.538	4.527	4.545	4.530	4.540	4.540	4.539	4.530	4.527	4.529	4.525	4.516	4.536	4.521	4.543	4.562	4.561
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北東	北北東	北	北北西	西北西	北	北	北北東	北北東	北	北	北	北	北	北	北	北	北北東	北北東	北北東	北北東	北北東	北東	北北東
風速（m/s）	2.0	3.0	3.2	2.8	2.8	1.4	3.3	3.5	3.0	3.8	5.8	6.5	5.6	4.4	1.9	5.6	5.8	4.2	4.4	4.4	4.1	4.7	4.3	5.2

4/4/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/h）	4.413	4.404	4.405	4.403	4.399	4.410	4.384	4.393	4.408	4.399	4.389	4.390	4.367	4.397	4.376	4.400	4.368	4.377	4.370	4.372	4.358	4.373	4.386	4.356
MP2（μSv/h）	3.225	3.209	3.215	3.210	3.206	3.200	3.195	3.209	3.201	3.199	3.205	3.214	3.212	3.188	3.189	3.191	3.191	3.183	3.202	3.187	3.188	3.188	3.178	3.184
MP3（μSv/h）	4.793	4.773	4.762	4.782	4.755	4.749	4.757	4.764	4.762	4.749	4.755	4.750	4.739	4.750	4.738	4.754	4.746	4.732	4.719	4.739	4.757	4.712	4.728	4.724
MP4（μSv/h）	3.659	3.619	3.619	3.637	3.625	3.633	3.612	3.621	3.630	3.632	3.639	3.643	3.627	3.635	3.632	3.616	3.601	3.601	3.614	3.598	3.611	3.606	3.613	3.610
MP5（μSv/h）	3.564	3.535	3.533	3.516	3.535	3.522	3.519	3.522	3.503	3.509	3.512	3.512	3.510	3.519	3.512	3.494	3.494	3.510	3.510	3.502	3.504	3.477	3.489	3.493
MP6（μSv/h）	4.562	4.532	4.544	4.542	4.521	4.536	4.524	4.521	4.522	4.518	4.484	4.095	3.755	3.608	3.258	3.328	3.395	3.451	3.493	3.504	3.493	3.478	3.489	3.486
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北	北	北北西	北北西	北西	北西	北西	西北西	北北西	北北西	北北西	北北西	北西	北西	北西	北西	西北西	北北東	北北東	北東	北東	北東	北東	北東
風速（m/s）	2.1	2.2	5.7	4.3	4.7	4.7	5.3	3.8	1.7	3.0	3.7	2.8	4.1	4.8	4.7	3.4	4.9	4.3	7.1	7.1	8.4	6.4	7.4	6.6

福島第二（2F）（事業者のモニタリングポスト）

4/4/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/h）	4.365	4.359	4.368	4.354	4.349	4.348	4.350	4.340	4.323	4.337	4.331	4.334	4.331	4.344	4.324	4.338	4.317	4.329	4.328	4.315	4.316	4.313	4.325	4.325
MP2（μSv/h）	3.183	3.180	3.183	3.162	3.183	3.177	3.175	3.162	3.160	3.185	3.166	3.159	3.168	3.155	3.159	3.149	3.148	3.147	3.151	3.157	3.151	3.150	3.144	3.153
MP3（μSv/h）	4.714	4.731	4.710	4.713	4.713	4.717	4.711	4.701	4.686	4.701	4.705	4.699	4.689	4.697	4.703	4.687	4.698	4.695	4.688	4.674	4.686	4.694	4.665	4.688
MP4（μSv/h）	3.602	3.579	3.581	3.581	3.572	3.583	3.583	3.570	3.576	3.567	3.558	3.564	3.573	3.555	3.560	3.571	3.559	3.560	3.561	3.556	3.570	3.560	3.564	3.554
MP5（μSv/h）	3.492	3.462	3.486	3.480	3.474	3.451	3.469	3.465	3.480	3.470	3.469	3.467	3.467	3.463	3.471	3.472	3.468	3.445	3.448	3.466	3.450	3.466	3.457	3.464
MP6（μSv/h）	3.478	3.491	3.459	3.473	3.464	3.457	3.468	3.465	3.467	3.462	3.462	3.462	3.454	3.456	3.452	3.469	3.429	3.432	3.436	3.448	3.439	3.452	3.433	3.446
MP7（μSv/h）	2.600	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北東	北東	北北東	北東	北東	北東	北北東	北北東	北東	北東	北東	北東	北北東	北東	北北東	北東	北東	北東	北東	北東	北北東	北北東	北北東	北西
風速（m/s）	7.7	7.4	5.9	7.6	8.8	9.1	8.4	8.5	8.5	6.8	7.3	7.8	8.5	8.2	8.0	9.3	8.5	7.7	10.2	9.0	6.4	8.2	5.3	2.1

4/4/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）	4.306	4.318	4.315	4.307	4.322	4.303	4.318	4.302	4.318	4.321	4.315	4.324	4.314	4.306	4.311	4.346	4.324	4.305	4.292	4.280	4.288	4.302	4.278	4.276
MP2（μSv/h）	3.146	3.146	3.138	3.135	3.129	3.140	3.141	3.140	3.148	3.142	3.188	3.178	3.128	3.133	3.157	3.208	3.153	3.135	3.131	3.128	3.112	3.125	3.120	3.116
MP3（μSv/h）	4.665	4.675	4.674	4.675	4.671	4.665	4.657	4.672	4.662	4.651	4.700	4.751	4.675	4.680	4.687	4.696	4.674	4.660	4.660	4.662	4.661	4.637	4.645	4.637
MP4（μSv/h）	3.558	3.542	3.544	3.540	3.548	3.534	3.549	3.554	3.547	3.540	3.575	3.613	3.550	3.536	3.554	3.597	3.551	3.555	3.531	3.537	3.546	3.521	3.517	3.522
MP5（μSv/h）	3.440	3.446	3.450	3.439	3.443	3.446	3.452	3.448	3.451	3.438	3.494	3.520	3.467	3.438	3.464	3.522	3.468	3.469	3.447	3.460	3.450	3.443	3.429	3.432
MP6（μSv/h）	3.457	3.454	3.435	3.450	3.442	3.441	3.451	3.448	3.443	3.436	3.454	3.483	3.452	3.442	3.436	3.476	3.470	3.426	3.436	3.418	3.432	3.417	3.416	3.423
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北北西	北	北北西	北	北西	北北西	北北西	西北西	北北西	北北西	東北東	北東	北北東	北北東	北北東	北北東	北北東	北北東	北北東	北東	北東	北北東	北北東
風速（m/s）	4.2	6.5	6.7	5.8	5.2	1.9	2.9	2.4	1.8	0.8	0.5	1.1	1.4	5.0	3.9	2.1	1.3	1.8	5.5	4.7	4.4	5.0	2.7	2.2

4/4/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	4.286	4.273	4.263	4.295	4.283	4.283	4.299	4.275	4.276	4.285	4.281	4.257	4.272	4.273	4.265	4.253	4.271	4.256	4.259	4.256	4.240	4.244	4.240	4.252
MP2（μSv/h）	3.120	3.123	3.114	3.135	3.148	3.125	3.123	3.127	3.133	3.124	3.135	3.104	3.113	3.089	3.108	3.090	3.095	3.096	3.100	3.103	3.090	3.100	3.098	3.073
MP3（μSv/h）	4.626	4.638	4.651	4.646	4.655	4.653	4.629	4.635	4.624	4.645	4.610	4.625	4.654	4.625	4.616	4.615	4.605	4.613	4.609	4.599	4.608	4.616	4.605	4.604
MP4（μSv/h）	3.533	3.516	3.535	3.529	3.539	3.531	3.527	3.520	3.516	3.533	3.531	3.513	3.513	3.530	3.524	3.512	3.508	3.502	3.503	3.492	3.491	3.493	3.501	3.495
MP5（μSv/h）	3.437	3.429	3.425	3.444	3.459	3.455	3.458	3.451	3.426	3.447	3.435	3.432	3.419	3.430	3.435	3.421	3.422	3.426	3.417	3.411	3.418	3.414	3.414	3.415
MP6（μSv/h）	3.410	3.418	3.397	3.417	3.419	3.427	3.421	3.419	3.414	3.419	3.411	3.406	3.422	3.409	3.397	3.405	3.382	3.404	3.393	3.410	3.386	3.388	3.383	3.394
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北東	北北東	北東	北北東	北北東	北北東	北北東	北	北北西	北西	北	西北西	西	西北西	北西	北北西	北西	西北西	北西	北西	西北西	北北西	北	北北西
風速（m/s）	3.0	2.7	2.7	2.5	0.9	0.8	1.0	0.5	1.5	1.4	2.8	3.1	7.7	3.3	4.3	5.3	4.7	5.2	2.8	1.5	0.8	0.6	2.5	2.2

福島第二（2F）（事業者のモニタリングポスト）

4/5/2011																								
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	4.241	4.253	4.246	4.253	4.235	4.237	4.243	4.250	4.218	4.233	4.215	4.221	4.228	4.231	4.230	4.209	4.222	4.222	4.239	4.221	4.214	4.204	4.214	4.221
MP2（μSv/h）	3.097	3.082	3.085	3.086	3.087	3.063	3.078	3.084	3.087	3.085	3.090	3.083	3.074	3.077	3.078	3.076	3.076	3.077	3.063	3.078	3.072	3.061	3.054	3.071
MP3（μSv/h）	4.584	4.601	4.589	4.594	4.596	4.579	4.610	4.594	4.583	4.580	4.590	4.592	4.592	4.560	4.572	4.561	4.579	4.562	4.556	4.560	4.561	4.551	4.568	4.543
MP4（μSv/h）	3.499	3.479	3.474	3.499	3.494	3.480	3.477	3.502	3.497	3.480	3.477	3.484	3.480	3.476	3.468	3.484	3.474	3.476	3.468	3.468	3.467	3.464	3.467	3.467
MP5（μSv/h）	3.408	3.407	3.399	3.406	3.401	3.402	3.407	3.395	3.406	3.385	3.388	3.405	3.389	3.397	3.400	3.400	3.396	3.402	3.387	3.393	3.383	3.389	3.387	3.388
MP6（μSv/h）	3.385	3.372	3.396	3.392	3.400	3.397	3.377	3.361	3.375	3.376	3.377	3.389	3.379	3.930	3.361	3.366	3.376	3.352	3.383	3.353	3.367	3.372	3.373	3.369
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北西	北	北北西	西北西	西北西	北北西	北西	西北西	西北西	西北西	西	西	西	西	西	西	西	西	西北西	北西	北西	北西	西北西	西北西
風速（m/s）	0.7	0.7	1.1	1.3	1.3	2.2	1.9	4.7	2.7	0.7	0.8	3.9	5.8	8.6	7.2	2.1	4.7	3.9	2.1	0.0	3.5	3.6	3.0	2.4

4/5/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	4.221	4.209	4.206	4.218	4.205	4.205	4.206	4.199	4.202	4.210	4.197	4.194	4.195	4.175	4.208	4.188	4.191	4.176	4.191	4.209	4.206	4.185	4.186	4.190
MP2（μSv/h）	3.071	3.064	3.060	3.067	3.058	3.060	3.060	3.061	3.069	3.063	3.043	3.042	3.038	3.056	3.042	3.053	3.045	3.054	3.054	3.033	3.049	3.054	3.043	3.053
MP3（μSv/h）	4.568	4.556	4.555	4.557	4.551	4.561	4.540	4.537	4.542	4.533	4.517	4.539	4.535	4.540	4.535	4.530	4.542	4.563	4.527	4.532	4.542	4.528	4.534	4.528
MP4（μSv/h）	3.467	3.455	3.454	3.478	3.451	3.452	3.451	3.461	3.464	3.449	3.439	3.449	3.460	3.441	3.480	3.459	3.442	3.447	3.460	3.455	3.450	3.442	3.433	3.439
MP5（μSv/h）	3.389	3.380	3.385	3.379	3.365	3.362	3.369	3.368	3.385	3.364	3.361	3.367	3.379	3.366	3.373	3.383	3.380	3.356	3.365	3.372	3.352	3.363	3.367	3.357
MP6（μSv/h）	3.361	3.366	3.370	3.358	3.355	3.367	3.349	3.360	3.357	3.356	3.354	3.350	3.400	3.352	3.354	3.341	3.336	3.339	3.357	3.342	3.349	3.347	3.339	3.357
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	西北西	西北西	西北西	西北西	西北西	西北西	西北西	西	西	西北西	西北西	西北西	北西	北北西	北西	北北西	北西	北北西	北北西	北北西	北北東	北北東	北北西	北
風速（m/s）	2.4	3.8	4.9	5.0	4.5	3.5	2.2	3.7	6.1	3.4	2.9	3.0	3.0	1.9	1.1	2.2	1.7	1.9	2.2	1.5	2.5	1.0	1.5	0.9

4/5/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/h）	4.183	4.175	4.177	4.179	4.185	4.190	4.157	4.175	4.168	4.167	4.169	4.171	4.166	4.163	4.153	4.175	4.162	4.167	4.159	4.163	4.165	4.156	4.171	4.168
MP2（μSv/h）	3.045	3.045	3.033	3.046	3.051	3.045	3.046	3.308	3.034	3.036	3.044	3.043	3.028	3.037	3.025	3.039	3.038	3.045	3.049	3.026	3.027	3.035	3.034	3.043
MP3（μSv/h）	4.527	4.535	4.524	4.520	4.535	4.527	4.506	4.519	4.511	4.517	4.517	4.510	4.532	4.505	4.511	4.502	4.516	4.501	4.513	4.486	4.500	4.508	4.484	4.481
MP4（μSv/h）	3.448	3.437	3.440	3.444	3.437	3.443	3.442	3.432	3.429	3.423	3.430	3.419	3.442	3.435	3.444	3.438	3.432	3.425	3.432	3.424	3.422	3.413	3.429	3.424
MP5（μSv/h）	3.345	3.375	3.350	3.357	3.364	3.360	3.342	3.345	3.354	3.336	3.355	3.343	3.346	3.348	3.341	3.339	3.339	3.338	3.337	3.343	3.324	3.318	3.319	3.356
MP6（μSv/h）	3.353	3.342	3.350	3.352	3.349	3.352	3.344	3.346	3.340	3.348	3.331	3.336	3.355	3.331	3.330	3.348	3.331	3.333	3.340	3.327	3.336	3.341	3.337	3.323
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東北東	東北東	東南東	東南東	東南東	南東	東南東	東南東	南東	東南東	南南東	南南東	南東	南東	東南東	東南東	東南東	東南東	東南東	南東	南南東	南東	南南東	南東
風速（m/s）	1.6	2.7	2.3	2.5	2.4	1.7	1.9	1.7	2.1	2.5	1.9	2.1	2.2	2.6	2.4	2.7	1.6	2.7	2.6	2.9	3.4	2.7	2.3	2.0

福島第二（2F）（事業者のモニタリングポスト）

4/5/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/h）	4.169	4.146	4.146	4.173	4.159	4.146	4.144	4.138	4.148	4.151	4.123	4.131	4.134	4.124	4.111	4.122	4.107	4.111	4.094	4.116	4.101	4.105	4.099	4.084
MP2（μSv/h）	3.036	3.042	3.024	3.032	3.036	3.026	3.039	3.026	3.037	3.035	3.008	3.016	3.010	3.015	3.016	3.007	3.017	3.004	3.030	3.010	3.005	3.019	3.007	2.989
MP3（μSv/h）	4.485	4.486	4.477	4.481	4.469	4.484	4.472	4.479	4.459	4.465	4.470	4.472	4.470	4.457	4.466	4.462	4.473	4.457	4.459	4.455	4.453	4.453	4.460	4.434
MP4（μSv/h）	3.411	3.428	3.413	3.405	3.410	3.399	3.408	3.394	3.396	3.385	3.398	3.395	3.398	3.389	3.396	3.393	3.382	3.394	3.380	3.378	3.361	3.364	3.368	3.364
MP5（μSv/h）	3.334	3.326	3.342	3.327	3.327	3.323	3.334	3.339	3.317	3.329	3.328	3.320	3.323	3.324	3.321	3.331	3.324	3.311	3.303	3.314	3.305	3.286.	3.279	3.291
MP6（μSv/h）	3.318	3.338	3.319	3.317	3.326	3.326	3.326	3.338	3.335	3.325	3.320	3.319	3.319	3.320	3.322	3.313	3.309	3.311	3.325	3.306	3.311	3.299	3.302	3.304
MP7（μSv/h）	2.390	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南東	南南東	南南東	南南東	東南東	南東	南東	南南東	南南東	南	南南東	南南東	南南東	南南東	南南東	南	南南東	南南東	南南東	南	南南西	南	南	南
風速（m/s）	1.7	3.2	3.5	2.5	2.7	2.6	2.2	2.2	2.7	4.6	3.8	3.5	3.7	3.3	3.5	3.1	4.0	4.1	3.5	4.3	4.1	4.1	4.0	3.8

4/5/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）	4.088	4.099	4.096	4.096	4.100	4.087	4.106	4.096	4.085	4.092	4.088	4.079	4.087	4.074	4.082	4.074	4.087	4.079	4.076	4.073	4.073	4.056	4.075	4.062
MP2（μSv/h）	3.005	2.989	2.996	2.995	2.994	2.995	2.997	2.999	2.988	2.978	2.993	2.988	2.979	2.988	2.982	2.990	2.972	2.966	2.972	2.980	2.971	2.978	2.977	2.978
MP3（μSv/h）	4.453	4.456	4.456	4.446	4.448	4.447	4.440	4.436	4.442	4.443	4.428	4.433	4.449	4.426	4.419	4.411	4.422	4.423	4.402	4.425	4.423	4.407	4.399	4.398
MP4（μSv/h）	3.389	3.378	3.364	3.370	3.368	3.374	3.371	3.357	3.355	3.364	3.363	3.364	3.361	3.349	3.355	3.346	3.354	3.344	3.348	3.352	3.344	3.346	3.349	3.332
MP5（μSv/h）	3.292	3.289	3.277	3.294	3.291	3.294	3.270	3.298	3.290	3.275	3.271	3.276	3.285	3.292	3.274	3.283	3.292	3.280	3.275	3.266	3.276	3.269	3.272	3.279
MP6（μSv/h）	3.313	3.314	3.304	3.305	3.309	3.287	3.281	3.287	3.284	3.272	3.260	3.249	3.255	3.258	3.249	3.254	3.265	3.258	3.249	3.248	3.256	3.248	3.246	3.251
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南	南	南	南	南南東	南	南南東	南	南	南	南南西	南	南	北北西	西北西	南西	西南西	西北西	北北西	北北西	北西	西北西	西北西	北北西
風速（m/s）	4.7	4.0	4.0	5.2	5.2	3.7	3.5	4.8	4.8	5.0	3.5	1.6	2.7	0.5	0.5	1.6	1.6	1.9	2.2	1.5	2.4	3.5	2.9	2.5

4/5/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）	4.062	4.064	4.072	4.054	4.065	4.071	4.061	4.048	4.053	4.056	4.057	4.045	4.056	4.056	4.042	4.054	4.057	4.053	4.053	4.047	4.034	4.022	4.038	4.032
MP2（μSv/h）	2.974	2.967	2.968	2.969	2.957	2.971	2.965	2.963	2.940	2.954	2.961	2.963	2.955	2.946	2.956	2.955	2.940	2.953	2.948	2.945	2.943	2.940	2.954	2.939
MP3（μSv/h）	4.414	4.407	4.394	4.413	4.394	4.408	4.403	4.386	4.396	4.388	4.382	4.386	4.373	4.380	4.397	4.377	4.374	4.388	4.369	4.378	4.367	4.380	4.386	4.372
MP4（μSv/h）	3.346	3.336	3.348	3.337	3.323	3.348	3.338	3.328	3.330	3.344	3.330	3.316	3.336	3.330	3.318	3.330	3.314	3.324	3.321	3.323	3.318	3.308	3.314	3.327
MP5（μSv/h）	3.266	3.265	3.259	3.268	3.266	3.274	3.274	3.264	3.260	3.249	3.270	3.258	3.265	3.248	3.254	3.247	3.253	3.255	3.247	3.248	3.266	3.242	3.242	3.247
MP6（μSv/h）	3.244	3.246	3.251	3.254	3.244	3.232	3.223	3.229	3.253	3.232	3.220	3.237	3.232	3.219	3.237	3.223	3.217	3.218	3.214	3.215	3.228	3.237	3.225	3.128
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北北西	北西	北西	北西	北西	北西	北西	北西	北西	北北西	北西	北西	西北西	北西	西南西	西	北東	東北東	南西	南南東	南南西	南	東	東
風速（m/s）	2.3	2.2	3.3	3.6	4.3	4.1	2.7	2.7	1.9	3.8	3.8	1.9	1.7	1.7	1.1	0.2	0.3	0.1	0.4	0.4	0.8	0.7	0.4	0.8

福島第二（2F）（事業者のモニタリングポスト）

4/6/2011																								
モニタリングポスト	0:00	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:20	1:30	1:40	1:50	2:00	2:10	2:20	2:30	2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50
MP1（μSv/h）	4.040	4.034	4.030	4.042	4.032	4.032	4.032	4.023	4.026	4.022	4.024	4.028	4.012	4.017	4.011	4.020	4.025	4.020	4.015	4.014	4.009	4.004	4.016	3.999
MP2（μSv/h）	2.951	2.947	2.942	2.938	2.928	2.944	2.938	2.934	2.933	2.946	2.930	2.947	2.911	2.951	2.927	2.928	2.925	2.924	2.920	2.922	2.925	2.926	2.916	2.927
MP3（μSv/h）	4.357	4.372	4.363	4.359	4.366	4.359	4.373	4.362	4.361	4.363	4.339	4.341	4.354	4.355	4.351	4.347	4.327	4.351	4.345	4.350	4.325	4.341	4.334	4.325
MP4（μSv/h）	3.334	3.314	3.311	3.313	3.310	3.323	3.310	3.303	3.293	3.306	3.302	3.302	3.287	3.298	3.288	3.295	3.296	3.283	3.287	3.287	3.293	3.302	3.296	3.293
MP5（μSv/h）	3.262	3.245	3.254	3.237	3.249	3.232	3.241	3.248	3.234	3.214	3.234	3.218	3.227	3.236	3.220	3.213	3.220	3.208	3.211	3.223	3.214	3.232	3.211	3.216
MP6（μSv/h）	3.224	3.219	3.237	3.217	3.216	3.210	3.211	3.217	3.217	3.225	3.197	3.216	3.203	3.208	3.208	3.216	3.210	3.204	3.210	3.198	3.208	3.204	3.190	3.192
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	東	東	東南東	南南東	東北東	東	東北東	東南東	南南西	南西	南東	南東	南	南南東	東南東	東	東南東	南南東	南東	東	東	東南東	東	東南東
風速（m/s）	1.1	0.6	0.6	0.1	0.8	0.7	0.5	0.6	0.8	0.9	0.2	0.6	1.4	0.7	1.1	1.4	0.7	0.9	0.2	1.4	1.5	1.3	1.5	1.1

4/6/2011																								
モニタリングポスト	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	5:30	5:40	5:50	6:00	6:10	6:20	6:30	6:40	6:50	7:00	7:10	7:20	7:30	7:40	7:50
MP1（μSv/h）	3.989	4.014	4.016	3.994	3.992	3.998	3.987	4.000	3.983	3.988	3.989	3.987	3.991	3.980	4.002	3.992	3.987	3.987	3.988	3.989	3.998	3.988	4.001	4.029
MP2（μSv/h）	2.918	2.925	2.924	2.840	2.912	2.913	2.916	2.899	2.917	2.900	2.892	2.906	2.903	2.921	2.910	2.910	2.909	2.922	2.886	2.913	2.905	2.922	2.929	2.970
MP3（μSv/h）	4.339	4.345	4.342	4.630	4.323	4.319	4.319	4.323	4.330	4.319	4.325	4.319	4.331	4.312	4.327	4.323	4.300	4.306	4.322	4.313	4.301	4.323	4.319	4.313
MP4（μSv/h）	3.289	3.288	3.279	3.580	3.283	3.290	3.283	3.290	3.274	3.283	3.276	3.273	3.271	3.282	3.279	3.276	3.278	3.280	3.283	3.276	3.280	3.275	3.273	3.280
MP5（μSv/h）	3.226	3.212	3.215	3.347	3.218	3.216	3.217	3.217	3.213	3.210	3.205	3.207	3.208	3.209	3.197	3.216	3.210	3.209	3.195	3.213	3.210	3.201	3.215	3.195
MP6（μSv/h）	3.196	3.192	3.195	3.123	3.193	3.194	3.182	3.188	3.189	3.193	3.198	3.178	3.183	3.191	3.173	3.192	3.201	3.187	3.189	3.197	3.201	3.191	3.189	3.190
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	南東	南	南南東	南南西	南南西	南西	西南西	南西	西南西	西南西	南西	南西	南西	南西	西南西	北西	北	北北西	北北西	北北東	北北東	北北西	西南西	南南西
風速（m/s）	1.0	1.4	0.8	1.2	1.7	1.8	1.6	1.0	1.2	1.0	1.6	1.6	1.3	1.7	0.9	0.3	0.3	0.5	0.2	0.8	0.7	0.5	0.5	1.1

4/6/2011																								
モニタリングポスト	8:00	8:10	8:20	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	11:50
MP1（μSv/h）	4.045	4.041	4.043	4.045	4.026	4.017	4.017	4.020	4.006	3.995	3.986	3.992	3.988	3.987	3.992	4.007	4.004	3.997	3.991	3.994	3.994	4.000	3.990	4.014
MP2（μSv/h）	3.004	2.984	2.975	2.958	2.970	2.953	2.948	2.942	2.936	2.916	2.921	2.932	2.921	2.920	2.926	2.911	2.918	2.901	2.924	2.917	2.912	2.908	2.923	2.911
MP3（μSv/h）	4.367	4.377	4.377	4.349	4.343	4.346	4.348	4.341	4.349	4.337	4.320	4.316	4.287	4.318	4.289	4.308	4.302	4.301	4.305	4.290	4.297	4.280	4.270	4.286
MP4（μSv/h）	3.305	3.320	3.325	3.335	3.326	3.330	3.321	3.345	3.307	3.297	3.293	3.307	3.321	3.305	3.295	3.309	3.307	3.315	3.299	3.298	3.311	3.301	3.293	3.316
MP5（μSv/h）	3.212	3.251	3.273	3.244	3.236	3.253	3.252	3.239	3.219	3.208	3.205	3.192	3.198	3.199	3.195	3.196	3.217	3.198	3.196	3.189	3.196	3.197	3.181	3.199
MP6（μSv/h）	3.214	3.254	3.281	3.258	3.251	3.251	3.270	3.258	3.244	3.214	3.225	3.206	3.219	3.215	3.226	3.229	3.218	3.224	3.204	3.209	3.220	3.215	3.212	3.209
MP7（μSv/h）	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測
風向	北東	北東	北東	東北東	南西	北東	北北西	東南東	東南東	南東	南南東	南東	南東	南東	南東	南東	南南東	南南東	南南東	南	南南東	南	南	南
風速（m/s）	1.0	1.8	0.4	0.3	0.4	0.7	0.0	1.5	2.5	2.0	2.0	2.3	2.7	3.3	2.7	1.4	2.0	3.3	3.1	3.3	3.5	3.9	3.7	4.1

福島第二（2F）（事業者のモニタリングポスト）

4/6/2011																								
モニタリングポスト	12:00	12:10	12:20	12:30	12:40	12:50	13:00	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40	14:50	15:00	15:10	15:20	15:30	15:40	15:50
MP1（μSv/h）	3.965	3.975	3.985	4.013	3.973	3.980	3.995	3.998	4.005	3.986	3.975	3.966	3.973											
MP2（μSv/h）	2.910	2.919	2.915	2.914	2.908	2.916	2.912	2.906	2.892	2.901	2.909	2.879	2.903											
MP3（μSv/h）	4.289	4.284	4.286	4.281	4.266	4.265	4.287	4.271	4.269	4.279	4.275	4.301	4.269											
MP4（μSv/h）	3.285	3.295	3.292	3.311	3.303	3.304	3.291	3.311	3.317	3.302	3.922	3.306	3.296											
MP5（μSv/h）	3.192	3.205	3.202	3.203	3.201	3.203	3.203	3.208	3.184	3.190	3.167	3.196	3.202											
MP6（μSv/h）	3.211	3.196	3.192	3.209	3.222	3.216	3.201	3.197	3.221	3.208	3.222	3.205	3.194											
MP7（μSv/h）	2.320	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測	欠測											
風向	南	南	南	南	南	南	南	南	南	南	南	南	南											
風速（m/s）	4.7	3.8	3.7	4.2	5.0	4.1	5.0	6.8	6.8	7.1	7.3	6.5	7.8											

4/6/2011																								
モニタリングポスト	16:00	16:10	16:20	16:30	16:40	16:50	17:00	17:10	17:20	17:30	17:40	17:50	18:00	18:10	18:20	18:30	18:40	18:50	19:00	19:10	19:20	19:30	19:40	19:50
MP1（μSv/h）																								
MP2（μSv/h）																								
MP3（μSv/h）																								
MP4（μSv/h）																								
MP5（μSv/h）																								
MP6（μSv/h）																								
MP7（μSv/h）																								
風向																								
風速（m/s）																								

4/6/2011																								
モニタリングポスト	20:00	20:10	20:20	20:30	20:40	20:50	21:00	21:10	21:20	21:30	21:40	21:50	22:00	22:10	22:20	22:30	22:40	22:50	23:00	23:10	23:20	23:30	23:40	23:50
MP1（μSv/h）																								
MP2（μSv/h）																								
MP3（μSv/h）																								
MP4（μSv/h）																								
MP5（μSv/h）																								
MP6（μSv/h）																								
MP7（μSv/h）																								
風向																								
風速（m/s）																								

From: PMT03 Hoc
Sent: Wednesday, March 23, 2011 3:57 PM
To: PMT02 Hoc
Subject: Emailing: US Nuclear Plant Reported Measurements.xlsx
Attachments: US Nuclear Plant Reported Measurements.xlsx

Measurements on plant site.

OFFICIAL USE ONLY

Reported Measurements between 3/18/2011 and 3/23/2011

Date	Plant	Isotope	Concentration
3/18/2011	San Onofre	I-131	1.4E-13 uCi/cc
3/18/2011	Diablo Canyon	I-131	3.8 to 6E-13 uCi/cc
3/19/2011	San Onofre	I-131	6.5E-13 to 7.0E-13 uCi/cc
3/19/2011	Palo Verde	Cs-134	2.22E-13 uCi/cc
3/19/2011	Palo Verde	Cs-137	3.58E-13 uCi/cc
3/19/2011	Palo Verde	I-131	1.54E-12 uCi/cc
3/20/2011	San Onofre	I-131	2.0E-12 uCi/cc
3/20/2011	Palo Verde	Cs-134	3.87E-13 uCi/cc
3/20/2011	Palo Verde	I-131	2.50E-12 uCi/cc
3/21/2011	Nine Mile Point	I-131	19.1 pCi/L (rain water)
3/21/2011	Palo Verde	I-131	6.70E-13 uCi/cc
3/21/2011	Palo Verde	Cs-134	2.06E-13 uCi/cc,
3/21/2011	Palo Verde	Cs-137	2.71E-13 uCi/cc
3/22/2011	San Onofre	I-131	7.0 to 8.0E-13 uCi/cc
3/22/2011	San Onofre	Cs-137	1.25E-13 uCi/cc
3/22/2011	Columbia	I-131	6.74E-13 uCi/cc
3/22/2011	Nine Mile Point	I-131	18 pCi/L (rain water)
3/22/2011	Ginna	I-131	**26.8 pCi/L (rain water)**
3/22/2011	Palo Verde	I-131	2.01E-12 uCi/cc
3/22/2011	Palo Verde	Cs-137	2.93E-13 uCi/cc
3/22/2011	Palo Verde	Cs-134	2.76E-13 uCi/cc
3/23/2011	Millstone	I-131	**25.6 pCi/L**

OFFICIAL USE ONLY

I-131 Reporting Levels

NUREG-1201 and NUREG-1302

	I-131	**Units**	I-132	Units
Drinking Water	2	pCi/L	2.00E-09	uCi/ml
Non-Drinking Water	**20**	**pCi/L**	2.00E-08	uCi/ml
Air	0.9	pCi/m3	9.00E-13	uCi/cc

From: OST02 HOC
Sent: Friday, April 01, 2011 2:20 PM
To: PMT03 Hoc
Subject: Dose Analyst?

Not sure if you saw this or not....

From: Brandon, Lou
Sent: Friday, April 01, 2011 4:59 AM
To: OST02 HOC; OST01 HOC
Subject: FW: RASCAL Training

OST,

Here is a prospect for a dose analyst, if we schedule him with an experienced dose assessor.

Lou

From: Tomon, John
Sent: Thursday, March 17, 2011 2:56 PM
To: Brandon, Lou
Cc: Bush-Goddard, Stephanie
Subject: RASCAL Training

Lou

Good afternoon! I am HP in Stephanie Bush-Goddard's branch in RES and I was interested in getting involved with the PMT in Ops Center. I have not been to RASCAL training, but I am willing to learn. I realize there is a lot going on with the events in Japan and all. However, when you get a chance I would be interested in talking about being involved in one of the teams for the Op Center.

Thanks!

V/r

John J. Tomon
Health Physicist
RES/DSA/HEB
(301) 251-7904 (Office)
(240) 277-2158 (cell)
CSB-3C23 Mail Stop CSB- C3A24M

From: RST06 Hoc
Sent: Thursday, April 07, 2011 3:44 AM
To: Morris, Scott; Johnson, Michael; LIA06 Hoc; Brandon, Lou; Lubinski, John
Cc: FOIA Response.hoc Resource
Subject: FW: RST transition doc
Attachments: RST-REC-4-6-11.doc

Sorry, now attached!

From: RST06 Hoc
Sent: Thursday, April 07, 2011 2:50 AM
To: Morris, Scott; Johnson, Michael; LIA06 Hoc; Brandon, Lou; Lubinski, John
Cc: FOIA Response.hoc Resource
Subject: RST transition doc

Scott,
This includes the comments from the liaison team.

Laura

ppp/699

NRC Operations Center-Reactor Safety Team Transition Plan

Currently the reactor safety team is staffed 24/7 with 5 staff including the RST Director. Original response duties included evaluation of event data, development of engineering analysis and recommendations to resolve core and spent fuel cooling issues, technical support to the site team and liaison to the industry consortium as they staffed up and established communication paths and personnel connections with TEPCO.

The current priority of the RST is to monitor and assess information associated with the status of the reactors and spent fuel pools and to provide technical assistance to the site team to support them in their advisory role.

Key Challenge:

Multiple shifts and numerous handoffs between changing staff and the industry consortium is may no longer be the most effective way to provide the needed technical support to the site team as it transitions to stabilization and recovery. The current approach results in technical assistance products that often require several rounds of comments and concurrence (from all parties, (e.g., INPO, NR, GE, EPRI) as well as technical expertise from the NRC line organization. The nature of the requests and resulting technical products is such that it routinely takes multiple shifts to issue a product. If the RST transitioned to a coordination role and relied on the line organizations to provide the technical support, it would eliminate the shift turnover and subsequent revisions that currently occurs, potentially improving the quality of the products with less total effort.

It appears that a 1-2 day turn-around time for most (if not all) of the technical assistance requests is meeting the site teams needs. This turnaround can also be accomplished within the line organizations provided they are willing to commit the resources with the same priority that they have assigned to EOC support. In addition, the US industry, DOE, Naval Reactors liaison role the RST assumed early in the event should be re-evaluated because the industry has established their contacts directly with TEPCO and there is a potential for the site team/RST to become an impediment to timely information exchanges between the US industry and TEPCO.

Current status:

1. It appears that the Fukushima reactors and spent fuel pools are approaching a static condition and TEPCO is working towards long term stability.
2. The industry consortium (INPO, GeH, EPRI) has established direct communication with TEPCO and has embedded personnel in the WANO Tokyo Center and with the TEPCO organization (TEPCO ERC)

Recommendation:

The RST 24/7 staffing should be scaled down to 1 staff member to serve as a communicator/coordinator while other teams remain staffed (e.g., ET, PMT,LT). The technical support to the site team should be placed in the line organization (see suggested team below):

Recommended Plant Status Assessment Role:

Plant conditions do not appear to be changing rapidly and a daily assessment based on best available information should be sufficient. A general "on-call" list should be established such that additional resources can be brought in rapidly if plant conditions change significantly.

Recommended Organizational Structure to Support Site Team in their advisory role:

Overall, a dedicated (temporary) team should be established in the line organization (e.g., NRR).

This team should consist of:

1Team lead-strong organizational skills, communication skills
2 Project Managers-strong organizational skills with experience managing complex projects, communication skills
1-dedicated administrative assistant
(No specific technical expertise should be assigned, rather the team should have access to experts within all organizations and establish a method of tasking out questions and information needs to the appropriate skill sets.)

The activities of this team would be the following:

-Establish a daily call with the site team to align on requests and priorities (Note: will need to address time difference)
-Participate in a daily call with the industry consortium for awareness of their activities with TEPCO.
-Track requested information and be the single POC for all documents/products developed.
-Provide daily status of products/issues being worked.
-Establish POCs with NISA, for future assistance once the site team has been terminated

From: PMT03 Hoc
Sent: Thursday, April 07, 2011 2:23 AM
To: PMT07 Hoc

Description: Close loop with Trish Milligan on the "Guidance for Return (Permanent Re-entry) of US Citizens to Areas around Fukushima Daiichi NPP"

Response: see PMT12 e-mail to Trish Milligan 4/7/11 2:22am EDT

PPP/700

From: PMT03 Hoc
Sent: Thursday, April 07, 2011 4:53 AM
To: PMT07 Hoc

Develop document protocol guidance similar to that developed by the RST.

PPP/201

From: RST06 Hoc
Sent: Thursday, April 07, 2011 12:01 PM
To: Evans, Michele; Morris, Scott
Cc: ET07 Hoc; RST08 Hoc
Subject: INPO Shift in Response Status

Michele

The RST had the daily 1100 call today with our partners, including INPO.

During the call INPO reported that they will be changing their response posture over the next few days. In summary, they intend to:

- Transition to a more direct support role with TEPCO (industry interacting directly with TEPCO)
- Reduce staffing involved and no longer provide 24 hour coverage
- Reduce involvement with the consortium
- Shutdown their ERC by Monday (4/11)

Stu

PPP/702

From: LIA02 Hoc
Sent: Thursday, April 07, 2011 11:36 AM
To: LIA06 Hoc
Subject: FW: URGENT:Effect of the Earthquake at 23:50, Thursday

-----Original Message-----
From: LIA02 Hoc
Sent: Thursday, April 07, 2011 11:36 AM
To: ET02 Hoc; LIA08 Hoc; LIA02 Hoc; Hoc, PMT12; RST01 Hoc
Subject: FW: URGENT:Effect of the Earthquake at 23:50, Thursday

From Japan.

Effects of the Earthquake at 23:50.

-----Original Message-----
From: Emche, Danielle
Sent: Thursday, April 07, 2011 11:32 AM
To: LIA02 Hoc; Foggie, Kirk; RST01 Hoc
Subject: Fw: URGENT:Effect of the Earthquake at 23:50, Thursday

Danielle
Sent from an NRC BlackBerry.

----- Original Message -----
From: PROTOCOLOFFICE-EM <protocoloffice-em@mofa.go.jp>
To: PROTOCOLOFFICE-EM <protocoloffice-em@mofa.go.jp>
Sent: Thu Apr 07 11:25:36 2011
Subject: URGENT:Effect of the Earthquake at 23:50, Thursday

URGENT

(0:20) Friday, 8 April 2011

To All Missions (Embassies, Consular posts and International Organizations in Japan)

TEPCO confirmed that, judging from the camera images, any trouble is not seen at Units 1 to 4 of the Fukushima Dai-ichi Nuclear Power Plant after the earthquake happened at around 23:50, Thursday.

PPP/203

TEPCO also confirmed that there is no change of water level of the trench of Units 1 to 4 at the press briefing at around 0:15, Friday.

Contact: International Nuclear Energy Cooperation Division, Tel 03-5501-8227

From: Emche, Danielle
Sent: Thursday, April 07, 2011 12:24 PM
To: LIA02 Hoc
Cc: LIA08 Hoc; LIA06 Hoc
Subject: Re: URGENT:Effect of the Earthquake at 23:50, Thursday

Everyone is ok. The reports I have seen on the news discuss evacuation but I think this was for only tsunami precautions. We have power at the hotel in Tokyo but I don't know about at or near the site. I will forward information if I hear more.

Danielle
Sent from an NRC BlackBerry.

----- Original Message -----
From: LIA02 Hoc
To: Emche, Danielle
Cc: LIA08 Hoc; LIA06 Hoc
Sent: Thu Apr 07 11:54:17 2011
Subject: RE: URGENT:Effect of the Earthquake at 23:50, Thursday

Danielle,
Everyone OK???????

We have heard that 'they" have abandon the site?

And there is only one off site power line available?

Any information?

Skip

-----Original Message-----
From: Emche, Danielle
Sent: Thursday, April 07, 2011 11:32 AM
To: LIA02 Hoc; Foggie, Kirk; RST01 Hoc
Subject: Fw: URGENT:Effect of the Earthquake at 23:50, Thursday

Danielle
Sent from an NRC BlackBerry.

----- Original Message -----
From: PROTOCOLOFFICE-EM <protocoloffice-em@mofa.go.jp>
To: PROTOCOLOFFICE-EM <protocoloffice-em@mofa.go.jp>
Sent: Thu Apr 07 11:25:36 2011
Subject: URGENT:Effect of the Earthquake at 23:50, Thursday

URGENT

PPP/704

(0:20) Friday, 8 April 2011

To All Missions (Embassies, Consular posts and International Organizations in Japan)

TEPCO confirmed that, judging from the camera images, any trouble is not seen at Units 1 to 4 of the Fukushima Dai-ichi Nuclear Power Plant after the earthquake happened at around 23:50, Thursday.

TEPCO also confirmed that there is no change of water level of the trench of Units 1 to 4 at the press briefing at around 0:15, Friday.

Contact: International Nuclear Energy Cooperation Division, Tel 03-5501-8227

From: ET02 Hoc
Sent: Thursday, April 07, 2011 2:48 PM
To: ET07 Hoc
Subject: FW: Radiation Safety Hazard at 30Km Radius for Dai-Ichi Nuclear Power PLant

Importance: High

Expires: Saturday, April 09, 2011 2:33 PM

From: ET01 Hoc
Sent: Thursday, April 07, 2011 2:47:34 PM
To: ET02 Hoc
Subject: FW: Radiation Safety Hazard at 30Km Radius for Dai-Ichi Nuclear Power PLant
Importance: High
Auto forwarded by a Rule

From: LIA06 Hoc
Sent: Thursday, April 07, 2011 2:47:32 PM
To: ET01 Hoc; ET07 Hoc; ET02 Hoc; Hoc, PMT12; PMT01 Hoc; RST Communicator
Subject: FW: Radiation Safety Hazard at 30Km Radius for Dai-Ichi Nuclear Power PLant
Importance: High
Auto forwarded by a Rule

FYI

Tom Bergman
Liaison Team Director
U.S. Nuclear Regulatory Commission
Operations Center

-----Original Message-----
From: RMTPACTSU_ELNRC [mailto:RMTPACTSU_ELNRC@ofda.gov]
Sent: Thursday, April 07, 2011 2:33 PM
To: LIA06 Hoc; LIA11 Hoc; LIA01 Hoc; LIA07 Hoc; LIA02 Hoc; LIA08 Hoc; LIA12 Hoc; Harrington, Holly; McIntyre, David; Burnell, Scott; ET07 Hoc
Subject: Recall: Radiation Safety Hazard at 30Km Radius for Dai-Ichi Nuclear Power PLant
Importance: High

RMTPACTSU_ELNRC would like to recall the message, "Radiation Safety Hazard at 30Km Radius for Dai-Ichi Nuclear Power PLant".

PPP/705

From: LIA07 Hoc
Sent: Thursday, April 07, 2011 7:28 AM
To: Russell, Tonya
Cc: Marshall, Jane
Subject: EBT Admin. Assistant

Good Morning Tonya,

Just wanted to let you know that we've found people who will be able to cover the EBT Admin. Assistant shifts from 3-11 on Sunday, April 10th and Friday, April 15th. I know you were concerned previously about adequate notice when changing the schedule, so hopefully this provides you with enough time to adjust your plans. Thanks for your support!

Jim

EBT Coordinator

RPP/706

From: LIA07 Hoc
Sent: Thursday, April 07, 2011 6:13 AM
To: LIA07 Hoc; Batkin, Joshua; Borchardt, Bill; Bradford, Anna; Coggins, Angela; Cohen, Shari; Collins, Elmo; Cooper, LaToya; Dyer, Jim; ET07 Hoc; Flory, Shirley; Gibbs, Catina; Haney, Catherine; Hudson, Sharon; Jaczko, Gregory; Johnson, Michael; Leeds, Eric; Loyd, Susan; Pace, Patti; Schwarz, Sherry; Sheron, Brian; Speiser, Herald; Sprogeris, Patricia; Taylor, Renee; Virgilio, Martin; Walker, Dwight; Walls, Lorena; Weber, Michael
Subject: RE: Go Book Update - 0600 EDT, April 7, 2011
Attachments: NRC Status Update 4.07.11--0430EDT.pdf; Pages 1-5 from ET Chronology 4-07-11 0600EDT.pdf; TEPCO Press Release 290.pdf; TEPCO Press Release 291.pdf; TEPCO Press Release 288.pdf; TEPCO Press Release 289.pdf

Attached, please find updated information for the "Go Books".

The update includes:

- The 0430 EDT, 04/07/11 Status Update
- The latest ET Chronology
- TEPCO Press Releases (288-291)

Please let me know if you have any questions or concerns.

-Jim

Jim Anderson
Executive Briefing Team Coordinator
US Nuclear Regulatory Commission
LIA07.HOC@nrc.gov (Operations Center)
James.anderson@nrc.gov

PPP/707

Search

Press Releases

Press Release (Apr 07,2011)
Status of TEPCO's Facilities and its services after the Tohoku-Taiheiyou-Oki Earthquake (as of 9:00AM)

Due to the Tohoku-Taiheiyou-Oki Earthquake which occurred on March 11th 2011, TEPCO's facilities including our nuclear power stations have been severely damaged. We deeply apologize for the anxiety and inconvenience caused.

Below is the status of TEPCO's major facilities.
*new items are underlined

[Nuclear Power Station]
Fukushima Daiichi Nuclear Power Station:
Units 1 to 3: shutdown due to the earthquake
(Units 4 to 6: outage due to regular inspections)

* The national government has instructed the public to evacuate for those local residents within 20km radius of the site periphery and to evacuate voluntarily for those local residents between 20km and 30km radius of the site periphery.

* Off-site power has been connected to Unit 1 to 6 by March 22, 2011.

* Unit 1
- The explosive sound and white smoke was confirmed near Unit 1 when the big quake occurred at 3:36 pm, March 12th.
- We started injection of sea water at 8:20 pm, March 12th, and then boric acid which absorbs neutron into the reactor afterwards.
- At approximately 2:30 am, March 23rd, we started the injection of sea water into the reactor from feed water system. After that, the injection of freshwater was started from 3:37 pm on March 25th (switched from the seawater injection). At 8:32 am, Mar 29th, transfer from the fire fighting pump to a temporary motor driven pump was made. From 10:42am to 11:52am on April 3rd we temporarily switched the pump to the fire fighting pump to inject fresh water to use power through off-site transmission line. We're now injecting fresh water to the reactor by a motor driven pump powered by off-site transmission line.
- At approximately 10:50 am on March 24th, white smoke was confirmed arising from the top of the reactor building.
- At approximately 11:30 am, March 24th, lights in the main control room were restored.
- At approximately 5:00 pm, March 24th, draining water from underground floor of turbine buildings into a condenser was started and it was paused at approximately 7:30 am, March 29th because we confirmed that the water level reached almost full capacity of a condenser. In order to move the water in the condenser into a condensate storage tank, water transfer from the condensate storage tank to suppression pool's water surge-tanks was conducted from around 0:00 pm, March 31st to 3:26 pm, April 2nd.
- From 1:03 pm, March 31st, the water spray by the concrete pumping vehicle was started, and finished at 4:04 pm.
- In order to confirm the position of water spray to the spent fuel pool by the concrete pumping vehicle, the water spray was conducted from 5:16 pm to 5:19 pm.
- Some of turbine building lights were turned on April 2nd.
- The water transfer from the condenser to the condensate storage tank has been implemented since 1:55 pm, April 3rd.
- As it is suspected that hydrogen gas may be accumulated inside reactor containment vessel, at 10:30 pm, 6th April, we started the operation of the valve for the injection of nitrogen gas to the vessel in order to prevent the increase of oxygen density. Following this, the injection of nitrogen gas to the reactor containment vessel was started at 1:31AM today April 7th.

* Unit 2
- At 1:25 pm, March 14th, since the Reactor Core Isolation Cooling System has failed, it was determined that a specific incident stipulated in

Clause 1, Article 15 of Act on Special Measures Concerning Nuclear Emergency Preparedness occurred (failure of reactor cooling function). At 5:17 pm, March 14th, while the water level in the reactor reached the top of the fuel rod, we have restarted the water injection with the valve operation.

- At approximately 6:14 am, March 15th, the abnormal sound was confirmed near the suppression chamber and the pressure inside the chamber decreased afterwards. It was determined that there was a possibility that something happened in the suppression chamber. While sea water injection to the reactor continued, TEPCO employees and workers from other companies not in charge of injection work started tentative evacuation to a safe location.
  Sea water injection to the reactor continued.
- On March 18th, power was delivered up to substation for backup power through offsite transmission line. We completed laying cable further to unit receiving facility in the building, and at 3:46 pm, March 20th the load-side power panel of the receiving facility started to be energized.
- From 3:05 pm to 5:20 pm on March 20th, about 40 tons of seawater was injected into Unit 2 by TEPCO employees.
- At approximately 6:20 pm on March 21st, white smoke was confirmed arising from the top of the reactor building. As of 7:11 am on March 22nd, smoke decreased to the level where we could hardly confirm.
- From around 4:00 pm to 5:00 pm on March 22nd, approximately 18 tons of sea water was injected into the spent fuel pool by TEPCO employees.
- From 10:10 am on March 26th, freshwater (with boric acid) injection was initiated. (switched from the seawater injection) At 6:31pm, March 27th, transfer from the fire fighting pump to a temporary motor driven pump was made. From 10:22am to 0:06pm on April 3rd, we temporarily switched the pump to the fire fighting pump to inject fresh water to use power through off-site transmission line. We're now injecting fresh water to the reactor by a motor driven pump powered by off-site transmission line.
- From 10:30 am on March 25th, seawater injection through Fuel Pool Cooling and Filtering System was initiated. The work was finished at 12:19 pm, March 25th. From 4:30 pm, March 29th, freshwater injection through Fuel Pool Cooling and Filtering System was initiated. (We switched from seawater to freshwater). The work was finished at 6:25 pm on March 29th. At 9:25 am, March 30th, we started fresh water injection by a temporary motor driven pump, but we switched the pump to the fire fighting pump due to the pump trouble. At 1:10 pm, March 30th, freshwater injection was suspended, because we found the crack on a part of the hose. At 7:05 pm, March 30th, freshwater injection was resumed and finished at 11:50 pm, March 31.
- At approximately 4:46 pm, March 26th, lights in the main control room were restored.
- At approximately 4:45 pm, March 29th, the water in a condensate storage tank was being transferred to suppression pool water surge-tanks to prepare for water transfer from a condenser to a condensate storage tank in order to drain water on the underground floor of the turbine building into a condenser. At 11:50 am, April 1st, transfer was completed.
- At 2:56 pm, April 1st, water injection into spent fuel pool in Unit 2 by temporary motor driven pump was initiated. At 5:05 pm on April 1st, the water injection was finished.
- The water transfer from the condenser to the condensate storage tank has been implemented since 5:10 pm, April 2nd.
- Some of turbine building lights were turned on April 2nd.
- At 11:05 am, April 4th, water injection into spent fuel pool in Unit 2 by a temporary motor driven pump was initiated. At 1:37 pm, April 4th, the water injection was finished.

* Unit 3

- At 6:50 am, March 14th, while water injection to the reactor was under operation (injection of boric acid was done on Mar 13th), the pressure in the reactor containment vessel increased to 530 kPa. As a result, at 7:44 am, it was determined that a specific incident stipulated in the Article 15, the Clause 1 of Act on Special Measures Concerning Nuclear Emergency Preparedness occurred (abnormal increase of the pressure of reactor containment vessel). Afterwards, the pressure gradually decreased (as of 9:05 am, 490 kPa).
- At approximately 11:01 am, March 14th, an explosion followed by white smoke occurred near Unit 3. 4 TEPCO employees and 3 workers from other companies (all of them were conscious) sustained injuries and were taken to the hospital by ambulances.
- As the temperature of water in the spent fuel pool rose, spraying water by helicopters with the support of the Self Defense Force was considered. However the operation on March 16th was cancelled.
- At 6:15 am, March 17th, the pressure of the Suppression Chamber temporarily increased, but currently it is stable within a certain range. On March 20th, we were preparing to implement measures to reduce the pressure of the reactor containment vessel (partial discharge of air containing radioactive material to outside) in order to fully secure safety. However, at present, it was not a situation to immediately implement measures and discharge air containing radioactive material to outside. We will continue to monitor the status of the pressure of the reactor containment vessel.

- In order to cool spent fuel pool, water was sprayed by helicopters on March 17th with the cooperation of Self-Defense Forces.
- At approximately past 7:00 pm, March 17th, Self-Defense Forces and the police started spraying water by water cannon trucks upon our request for the cooperation. At 8:09 pm, March 17th, they finished the operation.
- Before 2:00 pm, March 18th, spraying water by fire engines was started with the cooperation of Self-Defense Forces and the United States Armed Forces. At 2:45 pm, March 18th, the operation was finished.
- At approximately 12:30 am, March 19th, spraying water was started with the cooperation of Fire Rescue Task Forces of Tokyo Fire Department. At approximately 1:10 am, March 19th, the operation was finished. They resumed spraying water at 2:10 pm and finished at approximately 3:40 am, March 20th.
- At approximately 9:30 pm, March 20th, spraying water was started with the cooperation of Fire Rescue Task Forces of Tokyo Fire Department. At approximately 3:58 am, March 21st, the operation was finished.
- At approximately 3:55 pm, March 21st, light gray smoke was confirmed arising from the southeast side of the 5th floor roof of the Unit 3 building. The situation was reported to the fire department at approximately 4:21 pm. The parameters of reactor pressure vessel, reactor containment vessel, and monitored environmental data remained stable without significant change. However, employees working around Unit 3 evacuated to a safe location. On March 22nd, the color of smoke changed to somewhat white and it was slowly dissipating.
- At approximately 3:10 pm on March 22nd, spraying water to Unit 3 by Tokyo Fire Department's Hyper Rescue and Osaka City Fire Department was conducted, and completed at approximately 4:00 pm on the same day.
- At approximately 10:45 pm on March 22nd, lights in the main control room were restored.
- At approximately 11:00 am on March 23rd, the injection of sea water to spent fuel pool was conducted, and finished approximately at 1:20 pm on the same day.
- At 4:20 pm on March 23rd, light gray smoke was observed belching from Unit 3 building. The situation was reported to the fire department at 4:25 pm on March 23rd. The parameters of the reactor, the reactor containment vessel of Unit 3, and monitored figures around the site's immediate surroundings remained stable without significant change. To be safe, workers in the main control room of Unit 3 and around Unit 3 evacuated to a safe location. At approximately 11:30 pm on March 23rd and 4:50 am on March 24th, TEPCO employees confirmed the smoke has disappeared. Accordingly, workers evacuation was lifted.
- From approximately 5:35 am on March 24th, sea water injection through Fuel Pool Cooling and Filtering System was initiated, and finished at approximately 4:05 pm on the same day.
- From 1:28 pm on March 25th, Hyper Rescue team started water spray. The work finished at 4:00 pm on March 25th.
- From 6:02 pm on March 25th, the injection of freshwater to the reactor was started (switched from the seawater injection). At 8:30 pm on March 28th, the injection of fresh water was switched to temporary electricity pumps from the fire engine pumps. From 10:03am to 0:16pm on April 3rd, we temporarily switched the pump to the fire fighting pump to inject fresh water to use power through off-site transmission line. We're now injecting fresh water to the reactor by a motor driven pump powered by off-site transmission line.
- At approximately 12:34pm March 27th, the injection of water by the concrete pump truck was started. At approximately 2:36 pm, March 27th, the operation was finished.
- At approximately 2:17pm March 29th, the injection of fresh water by the concrete pump truck was started. (Sea water had been injected so far and transfer from seawater to freshwater was made). The water injection was finished at 6:18 PM, March 29th.
- At approximately 5:40 pm, March 28th, the water in a condensate storage tank was being transferred to suppression pool water surge-tanks to prepare for water transfer from a condenser to a condensate storage tank in order to drain water on the underground floor of the turbine building into a condenser. We finished the transfer work at approximately 8:40 am, March 31st.
- From 4:30 pm, March 31st, the water spray by the concrete pumping vehicle was started, and finished at 7:33 pm.
- From 9:52 am, April 2nd, the water spray by the concrete pumping vehicle was started, and finished at 0:54 pm.
- Some of turbine building lights were turned on April 2nd.
- From 5:03 am, April 4th, the water spray by the concrete pumping vehicle was started, and finished at 07:19 pm.
- From 6:53 am, April 7th, water spray by the concrete pumping vehicle was started, and finished at 8:53 am.

* Unit 4
- At approximately 6:00 am, March 15th, an explosive sound was heard and the damage in the 5th floor roof of Unit 4 reactor building was confirmed. At 9:38 am, the fire near the north-west part of 4th floor of Unit 4 reactor building was confirmed. At approximately 11:00 am, TEPCO employees confirmed that the fire was out.
- At approximately 5:45 am on March 16th, a TEPCO employee discovered a fire at the northwest corner of the Nuclear Reactor Building. TEPCO immediately reported this incident to the fire department and the local government and proceeded with the extinction of fire. At approximately

6:15 am, TEPCO staff confirmed at the site that there were no signs of fire.
- At approximately 8:21 am on March 20th, spraying water by fire engines was started with the cooperation of Self-Defense Forces and they finished the operation at approximately 9:40 am. At approximately 6:45 pm spraying water was started by Self-Defenses' water cannon trucks and finished at approximately 7:45 pm.
- At approximately 6:30 am, March 21st, spraying water by fire engines was started with the cooperation of Self-Defense Forces and the United States Armed Forces. At approximately 8:40 am, March 21, they had finished the operation.
- On March 21st, cabling has been completed from temporary substation to the main power center.
- From approximately 5:20 pm on March 22nd, spraying water from the concrete pumping vehicle was conducted and ended at approximately 8:30 pm on the same day.
- From approximately 10:00 am on March 23rd, spraying water from the concrete pumping vehicle was conducted and ended at approximately 1:00 pm on the same day.
- From approximately 2:35 pm on March 24th, spraying water by the concrete pumping vehicle was conducted and ended at approximately 5:30 pm on the same day.
- From 6:05 am on March 25th, seawater injection through Fuel Pool Cooling and Filtering System was initiated and finished at approximately 10:20 am on the same day.
- From 7:05 pm on March 25th, water spray by the concrete pumping vehicle was started and finished at 10:07 pm on March 25th.
- From 4:55 pm on March 27th, water spray by the concrete pumping vehicle was started and finished at 7:25 pm on March 27th.
- At approximately 11:50 am on March 29th, lights in the main control room were restored.
- From 2:04 pm on March 30th, water spray by the concrete pumping vehicle was started and finished at 6:33 pm on March 30th.
- Some of turbine building lights were turned on March 31st.
- From 8:28 am, April 1st, the water spray by the concrete pumping vehicle was started. At 2:14 pm, the water spray finished.
- From 5:14 pm, April 3rd, the water spray by the concrete pumping vehicle was started. At 10:16 pm, the water spray finished.
- From 5:35 pm, April 5th, the water spray by the concrete pumping vehicle was started. At 6:22 pm, the water spray finished.

* Unit 5 and 6
- At 5:00 am on March 19th, we started the Residual Heat Removal System Pump (C) of Unit 5 in order to cool the spent fuel pool. At 10:14 pm, we started the Residual Heat Removal System Pump (B) of Unit 6 in order to cool the spent fuel pool.
- Unit 5 has been in reactor cold shutdown since 2:30 pm on March 20th. Unit 6 has been in reactor cold shutdown since 7:27 pm on March 20th.
- At Units 5 and 6, in order to prevent hydrogen gas from accumulating within the buildings, we have made three holes on the roof of the reactor building for each unit.
- At approximately 5:24 pm on March 23rd, the temporary Residual Heat Removal System Seawater Pump automatically stopped when its power source was switched. We restarted the pump at around 4:14 pm, March 24th, and resumed cooling of reactor at around 4:35 pm.

* On March 18th, regarding the spent fuel in the common spent fuel pool, we have confirmed that the water level of the pool was secured. At around 10:37 am March 21st, water spraying to common spent fuel pool and finished at 3:30 pm. At around 6:05 pm, fuel pool cooling pump was started to cool the pool.
  * common spent fuel pool: a spent fuel pool for common use set in a separate building in a plant site in order to preserve spent fuel which are transferred from the spent fuel pool in each Unit building.

* On March 17th, we patrolled buildings for dry casks and found no signs of abnormal situation for the casks by visual observation. A detailed inspection was under preparation.
  * dry cask: a measure to store spent fuel in a dry storage casks in storages. Fukushima Daiichi Nuclear Power Station started to utilize the measure from August 1995.

* On March 21st, 23rd to April 5th we detected technetium, cobalt, iodine, cesium, tellurium, barium, lanthanum and molybdenum from the seawater around the discharge canal of the station. (We are reevaluating)

* On March 20th, 21st, 23rd to April 5th, we detected iodine, cesium, tellurium and ruthenium in the air collected at the site of Fukushima Daiichi Nuclear Power Station. (We are reevaluating)

* Plutonium has been detected from the sample of soil at the site of Fukushima Daiichi Nuclear Power Station collected on 21st, 22nd, 25th and 28th of March, Concentration level of Plutonium detected was same as that of under usual environment and it was thought not to be harmful to human health. We will strengthen environmental monitoring of power station and surrounding environment.
  Additionally Iodine, Cesium, Tellurium, Barium, Niobium, Ruthenium,

Molybdenum, Technetium, Lanthanum, Beryllium, Silver have been detected from the sample of soil at the site of Fukushima Daiichi Nuclear Power Station collected on 21st, 22nd, 25th and 28th of March.

* We detected radioactive materials contained in the puddles found in the turbine building of Unit 1 to 4.

* At approximately 3:30 pm, March 27th, we found water pooling in the vertical shaft of the trench outside of the turbine buildings for Units 1 to 3. The radiation dose at the surface of the water amounted 0.4 mSv/h in Unit 1 and over 1,000 mSv/h in Unit 2. We could not confirm the amount of the radiation dose in Unit 3. We will keep observing the condition of the water in the vertical shaft.
On March 29th, we detected niobium, tellurium, ruthenium, silver, tellurium, iodine, cesium, and ruthenium in the water collected at the trench of unit 1.
On March 30th, we took samples from the water in the trench of Unit 2 and 3, and conducted nuclide analysis on them. We are now confirming the results of the analysis.

* At approximately 9:30 am, April 2nd, we found that there was water in the shaft for storing power cable (concrete product) near the intake of water for Unit 2, the radioactive air dose was over 1,000mSv/h and the water spilled into the sea from the crack (approximately 20 cm) on the side of the shaft. We injected fresh concrete to the shaft twice, however, we could not observe a change in the amount of water flowing into the sea. Therefore, we considered that a new method of stopping the water and determined to use the polymer. Necessary equipment and experts of water shutoff will be dispatched to the site and after checking the condition, we began to stop water shutoff and were injecting polymer on April 3rd. On April 4th, we injected the tracer from the vertical shaft of the trench to start to examine the water current. We did not observe reduction of flow or change of color or water leaking. We checked the diagram and confirmed the route. At the same time, we checked the situation of the pit in detail and considered the possibility that the water was not from the pit, rather, from the joint between the piping upstream of the pit and the duct, then the water seeped through a layer of gravel below the piping. In order to stop that seepage from the layer of gravel, we decided to conduct the water sealing to the bedrock around the piping. We arranged for the specialist and gathered equipments. On April 5th, liquid glass was injected to the bedrock. Tracer was put through the two new holes drilled near the pit to investigate the water flow. At 2:15 pm, April 5th, it was observed the water with tracer came out from the crack on the concrete wall of the pit. At 3:7 pm, April 5th, injection of coagulant from the holes was initiated and we have confirmed the outflow from the crack on the concrete wall of the pit has stopped at 5:38 am, April 6th. We confirmed water level has not been rising in the turbine building of unit 2. On the same day, a countermeasure by using rubber plate and fixer was implemented to prevent discharge of radioactive materials, and we are continuously monitoring for any existence of leakage. On the other hand, from 3:00pm April 5th, a construction of installing large sandbags around the pier to prevent the outflow of the waste water from station's port to the ocean was started. Also we are preparing spillage prevention fences as countermeasures for lowering the outflow to the ocean area.
Iodine and Cesium were detected from the water sampled in the pit and in the sea near the water discharge. Additional nuclide analysis will be implemented.
In addition, from April 2nd, we will implement sampling at 15km offshore Fukushima Daiichi and Fukushima Daini Nuclear Power Stations(3 points have been added since April 5th) and will evaluate these samples comprehensively.

* Since approximately 9:20 am, March 31st, the water transfer from the vertical shaft of Unit 1 to the reservoir of the centralized environmental facility was conducted. We finished the task around 11:25 am of the same day.

* We found a puddle of water at the main building of the centralized environmental facility process. We analyzed and detected approximately 1.2×10^1Bq/cm3 of radioactivity in full dose in the Controlled Area and 2.2×10^1Bq/cm3 in full dose in the Non-Controlled Area on March 29. From April 3rd, the water level in the trench of Unit 3 increased by 15 cm. The route is not yet known, but there is a possibility that water in the turbine building of Unit 4 may be running to the trench of Unit 3. To be safe, at 09:22am, April 4th, we stopped transferring water to the turbine building of Unit 4. At this moment, the water level in the trench of Unit 3 became stable after stopping the water transfer.

* There is plenty of radioactive wastewater in the turbine buildings. Especially, Unit 2's wastewater is very highly radioactive. To store this stably, it was decided that this needed to be transferred to the Central Radioactive Waste Disposal Facility. However, within that facility, we are storing ten thousand tons of low level radioactive wastewater. In order to transfer more wastewater, we need to discharge the low level radioactive wastewater. In addition, as low radioactive

subsurface water is piling up in sub-drain pits of Units 5 and 6 and a part of subsurface water is running into buildings. We are concerned that important equipment to secure the safety of reactors may be submerged. Based on the Section 1 of the Article 64 of the Nuclear Reactor Regulation Law, we have decided to discharge to the sea approximately ten thousand tons of the accumulated low level radioactive water and a total of fifteen hundred tons of the low level radioactive subsurface water stored in the sub drain pits of Unit 5 and 6 as soon as we get ready.
At 7:03 pm, April 4th. we started discharging the low level radioactive wastewater stored in the Central Radioactive Waste Disposal Facility to the south of the water discharge canal. By 7:10 pm, we started ten pumps. Also, at 09:00 pm, April 4th, we started discharging the low level radioactive wastewater stored in the sub drain pits of Unit 5 and 6 by using one pump via the water discharge canal of Units 5 and 6.
We evaluate the impact on the discharge of the low radioactive wastewater to the sea as approximately 0.6 mSv per year per an adult if an adult eats adjacent fish and seaweeds everyday. The amount (0.6 mSv of effective radioactive doses per year) is one-forth of annual radioactive dose to which the general public is exposed from nature.

* The first barge of the U.S. Forces with fresh water to be used to cool down reactors etc. was towed by a ship of Maritime Self-Defense Force and docked at 3:42 pm on March 31st 2011. At approximately 3:58 pm, April 1st, we started to replenish filtrate tanks with the fresh water, and finished at 4:25 pm. At approximately 10:20 am, April 2nd, we resumed replenishing filtrate tanks with the fresh water, and finished at 4:40 pm. The second barge of the U.S. Forces with the fresh water towed by the ship of Maritime Self-Defense Force came alongside the pier at approximately 9:10 am, April 2nd. It was in preparation for replenishing filtrate tanks with the fresh water. We began to transfer fresh water from the second barge to the first barge on April 3rd at 9:52 am and continued until 11:15 am on April 3rd.

* At 11:35 am, April 1st, a worker fell into the sea while stepping into the ship from the pier during the hose laying work of the barge. Other crew immediately rescued the worker. While no injury or contamination was confirmed, whole body counter has been implemented to check the contamination inside the body just in case.

* From 3:00 pm, April 1st, we started spraying inhibitor in order to prevent diffusion of radioactive materials. This attempt was conducted on a trial basis at the mountain side area of the common spent fuel pool in the range of 500m2. The spraying finished at 4:05 pm. On April 5th and 6th , we also sprayed the inhibitor in order to prevent the spread of radioactive materials on a trial basis at the mountain side area of the common spent fuel pool in the range of 600m2.

* Monitoring posts (no.1 to no.8) which were installed around the site boundary have been restored. We will continue monitoring the measured value and make announcements on those values accordingly.

* We will continuously endeavor to securing safety, and monitoring of the surrounding environment.

Fukushima Daini Nuclear Power Station:
Units 1 to 4: shutdown due to the earthquake

* The national government has instructed evacuation for those local residents within 10km radius of the periphery.

* In order to achieve cold shutdown, reactor cooling function was restored and cooling of reactors was conducted. As a result, all reactors achieved cold shutdown: Unit 1 at 5:00 pm, March 14th, Unit 2 at 6:00 pm, March 14th, Unit 3 at 0:15 pm, March 12th, Unit 4 at 7:15 am, March 16th.

* At 2:30 pm on March 30th, the power source of the residual heat removal system (B) to cool the reactor of Unit 1 was secured from an emergency power source in addition to an offsite power. This means that all the units secure backup power sources (emergency power sources) for the residual heat removal system (B).

* Unit 1
As it was confirmed that the temperature of the Emergency Equipment Cooling Water System *1 has increased, at 3:20 pm, March 15th, we stopped the Residual Heat Removal System (B) for the inspection. Subsequently, failure was detected in the power supply facility associated with the pumps of the Emergency Equipment Cooling Water System. At 4:25 pm, March 15th, after replacing the power facility, the pumps and the Residual Heat Removal System (B) have been reactivated.

* Unit 4
As it was confirmed that the pressure at the outlet of the pumps of the Emergency Equipment Cooling Water System*1 has been decreased, at 8:05 pm, March 15th, we stopped the Residual Heat Removal System (B) for the inspection. Subsequently, failure was detected in the power supply facility associated with the pumps of the Emergency Equipment Cooling Water System. At 9:25 pm, March 15th, after replacing the relevant

facility, the pumps and the Residual Heat Removal System (B) have been reactivated.

*1:emergency water system in which cooling water (pure water) circulates which exchanged the heat with sea water in order to cool down bearing pumps and/or heat exchangers etc.

Kashiwazaki Kariwa Nuclear Power Station:
Units 1, 5, 6, 7: normal operation
(Units 2 to 4: outage due to regular inspection)

[Thermal Power Station]
- Hirono Thermal Power Station Units 2 and 4: shutdown due to the earthquake
- Hitachinaka Thermal Power Station Unit 1: shutdown due to the earthquake
- Kashima Thermal Power Station Units 2, 3, 5, 6: shutdown due to the earthquake
- Kashima Thermal Power Station Units 3: resumed generating at 2:13pm April 6

[Hydro Power Station]
- Power supply has returned to normal, but facilities damaged by the earthquake are now being handled in a timely manner.

[Impacts on Transmission Facilities]
- Power supply has returned to normal, but facilities damaged by the earthquake are now being handled in a timely manner.

[Potential Implementation on Planned Rolling Blackouts and Request for Conserving Electricity Consumption]
- Considering the critical balance of our power supply capacity and expected power demand going forward, in order to avoid unexpected blackout in large areas, TEPCO has been implementing rolling blackout (planned blackout alternates from one area to another) since March 14th. We will make our utmost to secure the stable power supply as early as possible. For customers who will be subject to rolling blackout, please be prepared for the announced blackout periods. Also for customers who are not subject to blackouts, TEPCO appreciates your continuous cooperation in reducing electricity usage by turning of unnecessary lights and electrical equipment.

[Others]
- Please do NOT touch cut-off electric wires.
- In order to prevent fire, please make sure to switch off the electric appliances such as hair driers when you leave your house.
- For the customer who has in-house power generation, please secure fuel for generator.

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Press Releases

Press Release (Apr 07,2011)
Out flow of fluid containing radioactive materials to the ocean from areas near intake canal of Fukushima Daiichi Nuclear Power Station Unit 2 (continued report 3)

At around 9:30 am on April 2nd, we detected water containing radiation dose over 1,000 mSv/h in the pit* where supply cables are stored near the intake channel of Unit 2. Furthermore, there was a crack about 20 cm on the concrete lateral of the pit, from where the water in the pit was out flowing. At around 12:20 pm on April 2nd, we reaffirmed the event at the scene.
We have implemented sampling of the water in the pit, together with the seawater in front of the bar screen near the pit. These samples were sent to Fukushima Daini Nuclear Power Station for analysis. (Reported on April 2nd already)

Today at 5:38 am, we have observed stoppage of spilling of water from the crack on the concrete lateral of the pit. For the sake of completeness, we put further reinforcement for the stoppage of leakage and consider countermeasure including continuous injection of coagulant. We will also note the water level of turbine building of unit 2 remain unchanged. We will further investigate if there is any other leakage. (Reported on April 6th already)

We have been conducting sampling of seawater in front of the bar screen near the pit. In regard to the sample collected yesterday (April 6th), as a result of conducting nuclide analysis, radioactive materials were detected as described in the exhibit. Accordingly, we have reported the result of analysis to Nuclear and Industrial Safety Agency and Fukushima Prefecture.

Regarding the results on three nuclides (iodine 131, cesium 134, cesium 137), we would like to assume those as definite result, however, as for other nuclides, we will revaluate in accordance with the preventive measures formulated after being given warning from Nuclear and Industrial Safety Agency on April 1st.

* pit: a shaft made of concrete

Appendices:
Results of nuclide analysis on seawater sampled in front of quay and screens of Unit 2/4(PDF 11.1KB)
Radioactivity density of seawater near the quay of Fukushima Daiichi Nuclear Power Station (PDF 13.5KB)

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Press Releases

Press Release (Apr 07,2011)
Status of the Inspection and Restoration Works Performed after the Niigata-Chuetsu-Oki Earthquake (as of April 7)

We are announcing the status of major inspections and restoration works and nonconformances at TEPCO's Kashiwazaki-Kariwa Nuclear Power Station after the Niigata-Chuetsu-Oki Earthquake.
Please be advised that we have been temporarily suspending a part of the restoration works since March 11, 2011, as we have been fully dedicated to the support and cooperation to Fukushima Daiichi Nuclear Power Station and Fukushima Daini Nuclear Power Station which were damaged by the Tohoku-Chihou-Taiheiyo-Oki Earthquake. We resume restoration works of Kashiwazaki-Kariwa Nuclear Power Station from March 22, 2011 accordingly.

Inspection/ Restoration Status

◇ Inspection and restoration completed between April 1 to April 7, 2011
(Completed on the following date)

- No notable activity during this week.

◇ Inspection and restoration to be commenced between April 8 to April 14, 2011
(To be commenced on the following date)

- No notable activity during this week.

◇ Work Schedule of Major Inspection and Restoration from April 3 to April 30, 2011

- Work Schedule of the Main Inspection/ Restoration of the Kashiwazaki-Kariwa Nuclear Power Station in Response to the Niigata-Chuetsu-Oki Earthquake (during 4 Weeks) ... Appendix

(Reference)
Nonconformances Found in the Inspection and Restoration Works Performed after the Niigata-Chuetsu-Oki Earthquake

Based on the "Public Announcement Regarding Nonconformance Found in the Inspection and Restoration Works Performed after the Niigata-Chuetsu-Oki Earthquake," the Tokyo Electric Power Company, Incorporated (TEPCO) provides this announcement containing incidents information reported from March 31 to April 6, 2011.

◇ Incidents Information (relating to the Chuetsu-Oki Earthquake)

From March 31 to April 6, 2011 (Total figure from August 10, 2007)		Number of Incidents by Announcement Category (Total figure from August 10, 2007)	
No. of Reported Events	0 (10)	I	0 (0)
		II	0 (0)
		III	0 (10)

<Reports from March 31 to April 6, 2011>

Announcement Category	Date of Detection	Title of Report	Status
I	-	-	-
II	-	-	-
III	-	-	-

◇ Other Findings

- No notable activity during this week.

Appendix: Work Schedule of the Main Inspection/ Restoration of the Kashiwazaki-Kariwa Nuclear Power Station in Response to the Niigata-Chuetsu-Oki Earthquake (during 4 Weeks) (PDF 88.7KB)

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Press Releases

Press Release (Apr 07,2011)
The results of nuclide analyses of radioactive materials in the air at the site of Fukushima Daiichi Nuclear Power Station (13th release)

On March 22nd 2011, as part of monitoring activity of the surrounding environment, we conducted nuclide analysis of radioactive materials contained in the air which were collected at the site of Fukushima Daiichi Nuclear Power Station, which was damaged by Tohoku-Chihou-Taiheiyo-Oki Earthquake. As a result, radioactive materials were detected and therefore, we summarized the results and reported them to Nuclear and Industry Safety Agency as well as to the government of Fukushima Prefecture.

Three nuclides (Iodine-131, Cesium-134 and Cesium-137) are released as fixed figures.Other nuclides figures are to be released as soon as identified under instruction of NISA.

(previously announced)

On April 6th 2011, we conducted nuclide analysis of radioactive materials contained in the air which were collected at the site of Fukushima Daiichi Nuclear Power Station on the same day. As a result, radioactive materials were detected as described in the exhibit. Accordingly, we have reported the result of analysis to Nuclear and Industrial Safety Agency and Fukushima Prefecture.

We are planning to conduct these surveys continuously.

attachment1:The result of the nuclide analysis of radioactive materials in the air at the site of Fukushima Daiichi Nuclear Power Station (PDF30.5KB)
attachment2:The result of the nuclide analysis of radioactive materials in the air at the site of Fukushima Daini Nuclear Power Station (PDF 34.7KB)
attachment3:Nuclide analysis of radioactive materials in the air Fukushima Daiichi Nuclear Power Station(PDF 34.8KB)
attachment4:Nuclide analysis of radioactive materials in the air Fukushima Daini Nuclear Power Station(PDF 35.4KB)

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From: LIA08 Hoc
Sent: Thursday, April 07, 2011 2:50 PM
To: LIA06 Hoc
Subject: RE: NE Watchstander for NRC EOC
Attachments: image001.jpg

Our DOE liaison left the LT room on Friday, April 1 I believe. Double checking on the actual date. He did not have a lot to do, but was helpful when we needed to find the right person or department within DOE. Jeff

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From: LIA06 Hoc
Sent: Thursday, April 07, 2011 2:38 PM
To: LIA08 Hoc
Subject: FW: NE Watchstander for NRC EOC

When was the DOE staff last embedded in LT? Can we offer an assessment.

Liaison Team Director
U.S. Nuclear Regulatory Commission
Operations Center

From: Sheron, Brian
Sent: Thursday, April 07, 2011 2:36 PM
To: ET01 Hoc
Cc: RST01 Hoc; LIA06 Hoc
Subject: FW: NE Watchstander for NRC EOC

See below. Can you pulse the RES and the LT and find out how much the 2 DOE embedded staff contributed to assuring that our assessments and focus on issues were coordinated and consistent.

From: Weber, Michael
Sent: Thursday, April 07, 2011 1:51 PM
To: Sheron, Brian; Virgilio, Martin
Cc: Wiggins, Jim; Zimmerman, Roy; LIA06 Hoc; LIA08 Hoc
Subject: Response - NE Watchstander for NRC EOC

What is DOE's proposal for how we will continue to coordinate to provide a coordinated and focused channel of assessment and advice to Japan? Suggest this be worked through the ET Director.

From: Sheron, Brian
To: Weber, Michael; Virgilio, Martin
Cc: Wiggins, Jim
Sent: Thu Apr 07 13:26:29 2011
Subject: FW: NE Watchstander for NRC EOC

By being on Secretary Chu's "Science Council" , recall I got involved with trying to find a way for NRC and DOE to issue consistent, rather than conflicting, event status. I suggested that they embed DOE staff in our response center so we could hopefully all work from the same information.

PPP/168

Below is a proposal from Alex Larzelere from DOE suggesting that they can remove their staff from the IRC starting next week. Obviously they can remove them whenever they want, but I they apparently would like our concurrence that it is OK for them not to be in the IRC after tomorrow. I don't see any problem with it. NR has already cut way back on the RST support.

Do you have any objection? Who else, if anyone, should I check with? I believe Versluis was embedded in the RST and I believe Stark was imbedded in the Liaison Team.

From: Larzelere, Alex [mailto:alex.larzelere@nuclear.energy.gov]
Sent: Thursday, April 07, 2011 1:07 PM
To: Sheron, Brian
Cc: Kelly, John E (NE); Versluis, Rob
Subject: NE Watchstander for NRC EOC

Brian,

As you know very well – the situation in Fukushima seems to be stabilizing. We are not out of the wood yet, but the action is starting to shift from immediate response to more recovery operations. For that reason, we are thinking about reducing the NE presence in the NRC EOC.

The opportunity to have Rob Versluis and Rich Stark in your EOC has been invaluable to NE. Hopefully you have also benefited by having access to them. However, as we move on to new phases, we do not think that a continuous presence is needed. Of course, if the situation changes or if you need help we will respond as soon as possible.

Please let us know what you think, and if you agree. we intend to bring Rob and Rich home to NE starting next week.

Regards,

Alex

Alex R. Larzelere
Director, Advanced Modeling and Simulation Office
Office of Nuclear Energy (NE-71)
U.S. Department of Energy
202-586-1906
Alex.Larzelere@nuclear.energy.gov

AMSO
ADVANCED MODELING & SIMULATION OFFICE

From: RMTPACTSU_ELNRC <RMTPACTSU_ELNRC@ofda.gov>
Sent: Thursday, April 07, 2011 2:31 PM
To: LIA06 Hoc; LIA11 Hoc; LIA01 Hoc; LIA07 Hoc; LIA02 Hoc; LIA08 Hoc; LIA12 Hoc; Harrington, Holly; McIntyre, David; Burnell, Scott; ET07 Hoc
Subject: FYI -- FW: Japan News (Reuters): Japan eyes 20 pct cut in foreign aid to fund disaster relief-media

---

From: RMTPACTSU_INC
Sent: Thursday, April 07, 2011 10:19 AM
To: RMT_PACTSU
Cc: Lapp, Alison (DCHA/OFDA) [USAID]
Subject: Japan News (Reuters): Japan eyes 20 pct cut in foreign aid to fund disaster relief-media

Source: Reuters
April 7, 2011

Japan eyes 20 percent cut in foreign aid to fund disaster relief-media

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TOKYO, April 7 (Reuters) - Japan, the world's No. 5 donor, is considering cutting foreign aid by 20 percent this fiscal year to help fund its extra budget for disaster relief after last month's massive quake and tsunami, media reported on Thursday.

The government is unlikely to issue new debt to fund the initial extra budget of more than $35 billion for disaster relief, domestic media reported this week, in a sign the authorities are wary of alarming bond investors by adding too much to Japan's already huge debt pile.

For the current fiscal year to next March, Japan has set aside 572.7 billion yen ($6.7 billion) for official development assistance (ODA). Now, the ruling Democratic Party and the government are considering cutting that by 20 percent to help fund the extra budget, the Yomiuri newspaper reported.

Japan, the world's No.1 donor in the 1990s, has been cutting official development assistance in recent years as Tokyo focuses on tackling a mountain of public debt that is nearly twice the size of its $5 trillion economy.

The more than 3 trillion yen ($35 billion) in the supplemental budget will pay for repairing roads, ports and schools, as well as helping those in quake-hit regions in Japan's northeast find new jobs, the Asahi newspaper reported on Wednesday. ($1 = 85.475 Japanese Yen) (Reporting by Yoko Nishikawa, editing by Jonathan Thatcher)

Lily Frey
Information Coordinator
Pacific Tsunami and Japan Earthquake Response Management Team
RMTPACTSU_INC@ofda.gov
202-712-0039

PPP/709

From: Hoc, PMT12
Sent: Thursday, April 07, 2011 8:02 PM
To: Holahan, Eugene V SES PACOM, J91
Cc: HOO Hoc; RST01 Hoc; PMT03 Hoc
Subject: cal with ET

Vince,

In running your request to ground, the ET noted that wanted to talk to you. Can you call in thru the HOO and have them request that the RST and PMT come to the ET to participate? Joe G. said around 9 pm EDT.

Let me know if that works

Tim

PPP/710

From: Zimmerman, Roy
Sent: Thursday, April 07, 2011 4:12 PM
To: RST01 Hoc; RST03 Hoc; LIA01 Hoc
Subject: FW: NRC Japan Team Briefing Report.docx
Attachments: NRC Japan Team Briefing Report.docx

From: Weber, Michael
Sent: Thursday, April 07, 2011 12:52 PM
To: Zimmerman, Roy; ET01 Hoc; ET05 Hoc
Cc: OST02 HOC; Virgilio, Martin
Subject: FYI - NRC Japan Team Briefing Report.docx

Looks like the site team will need help from RST, Leadership Team, and PMT.

From: Hay, Michael
To: Miller, Marie; Call, Michel; Salay, Michael; Blamey, Alan; Bernhard, Rudolph; Stahl, Eric; Emche, Danielle
Cc: Collins, Elmo; Casto, Chuck; Weber, Michael
Sent: Thu Apr 07 12:34:09 2011
Subject: NRC Japan Team Briefing Report.docx

Folks,
I made some changes to our briefing report outline. RST has the same items as before (I clarified some of them). I added two bullets (the first two) and clarified some others so please read them carefully. In addition I added a couple sections. RST needs to provide a summary of "Consortium Activities." I assume we can get HQ RST to handle it. We'll need some support from the Embassey folks to handle the bullet in the "Overall US Support" section last bullet "Overall summary of US Government....." Eric and/or Danielle can work this one.

Thanks for the input I received so far. I'll be locking myself up in a quite place for a bit tomorrow to start putting this all together.

You all probably slept through quite an earthquake, I got nervous enough to grab my passport and leave the embassy until it was over. I heard it was near Fukushima but haven't yet confirmed it. Also the city lights went out so it wouldn't surprise me if some plants tripped. Let's hope they have power to the systems being used to cool units 1,2,and 3.

Mike

PPP/7U

NRC Japan Team Briefing Report

Executive Summary: Summary of event including current and projected near future plant conditions

NRC Response: Summary of NRC response activities immediately following and during event

US Industry Response: Summary of US Industry response activities immediately following and during event

Consortium Activities: Summary of creation of Consortium and activities performed during event

Chronology: Summary of events for each Fukushima unit

Protective Measures Team:

- Summary of radiological hazards following the event both in Japan and abroad
- Summary of radiation detection and analysis systems used following the event
- Summary of efforts to assess impact of liquid releases to the ocean
- Summary of source term and dispersion analysis, dose projections, and associated PAR's
- Summary of the bases for the return of those U.S. citizens who voluntarily evacuated areas beyond 50 miles
- Summary of criterion considered to relax the recommendation to evacuate U.S. citizens within 50 miles
- Summary of results from the Health Effects Working Groups (American-Japanese task force)
- Summary of Naval Reactors and DOE dose assessment in warm and hot zones

Reactor Safety Team:

- Summary of consortium assessments and recommendations associated with containment flooding
- Summary of consortium assessments associated with long term primary feed and bleed
- Summary of current differences between NRC understanding of plant conditions vs what TEPCO understands
- Summary of structural integrity assessments
- Summary of other technical assessments, for example MRDIR flow rates, status of spent fuel pools
- Summary of information gathering activities with an assessment to the degree of their effectiveness
- Summary of Sandia Lab assessments

International Programs:

- Summary of IP's support activities during the event

Overall US Support :

- Summary of activities to identify, prioritize, and deliver support items needed at the Fukushima site
- Summary of activities associated with industry support to TEPCO
- Overall summary of US Government roles and activities during event

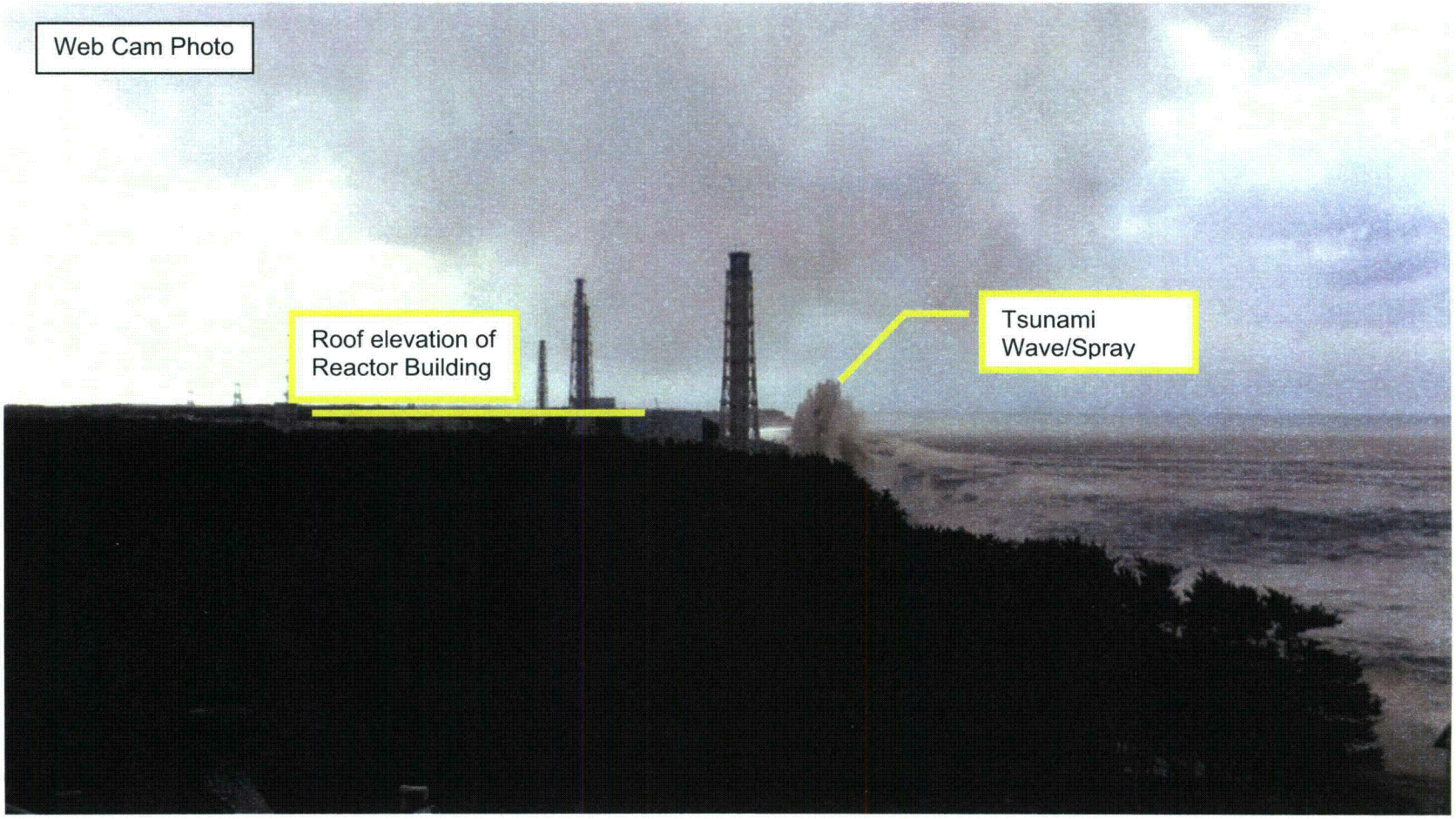
From: RST06 Hoc
Sent: Thursday, April 07, 2011 9:15 AM
To: Richards, Stuart; Hogan, Rosemary
Cc: Case, Michael
Subject: FW: Web Cam Photo of tsunami wave/spray
Attachments: Web Cam Photo.docx

From: RST01 Hoc
Sent: Thursday, April 07, 2011 8:44 AM
To: Hoc, RST16; RST09 Hoc; RST08 Hoc; RST06 Hoc
Subject: FW: Web Cam Photo of tsunami wave/spray

From: McDermott, Brian
Sent: Thursday, April 07, 2011 7:41 AM
To: RST01 Hoc; ET07 Hoc
Cc: Evans, Michele; Wiggins, Jim
Subject: Web Cam Photo of tsunami wave/spray

I have seen this web cam angle before – I believe Omar Khan found that the camera was active a few days ago. Not sure where/how this image was recovered from March 11. Would be good to try and validate authenticity, as it may provide some indication regarding the surge level at the site.

PPP/712


Web Cam Photo
Roof elevation of Reactor Building
Tsunami Wave/Spray

From: ET07 Hoc
Sent: Thursday, April 07, 2011 7:49 AM
To: McDermott, Brian
Subject: RE: Web Cam Photo of tsunami wave/spray

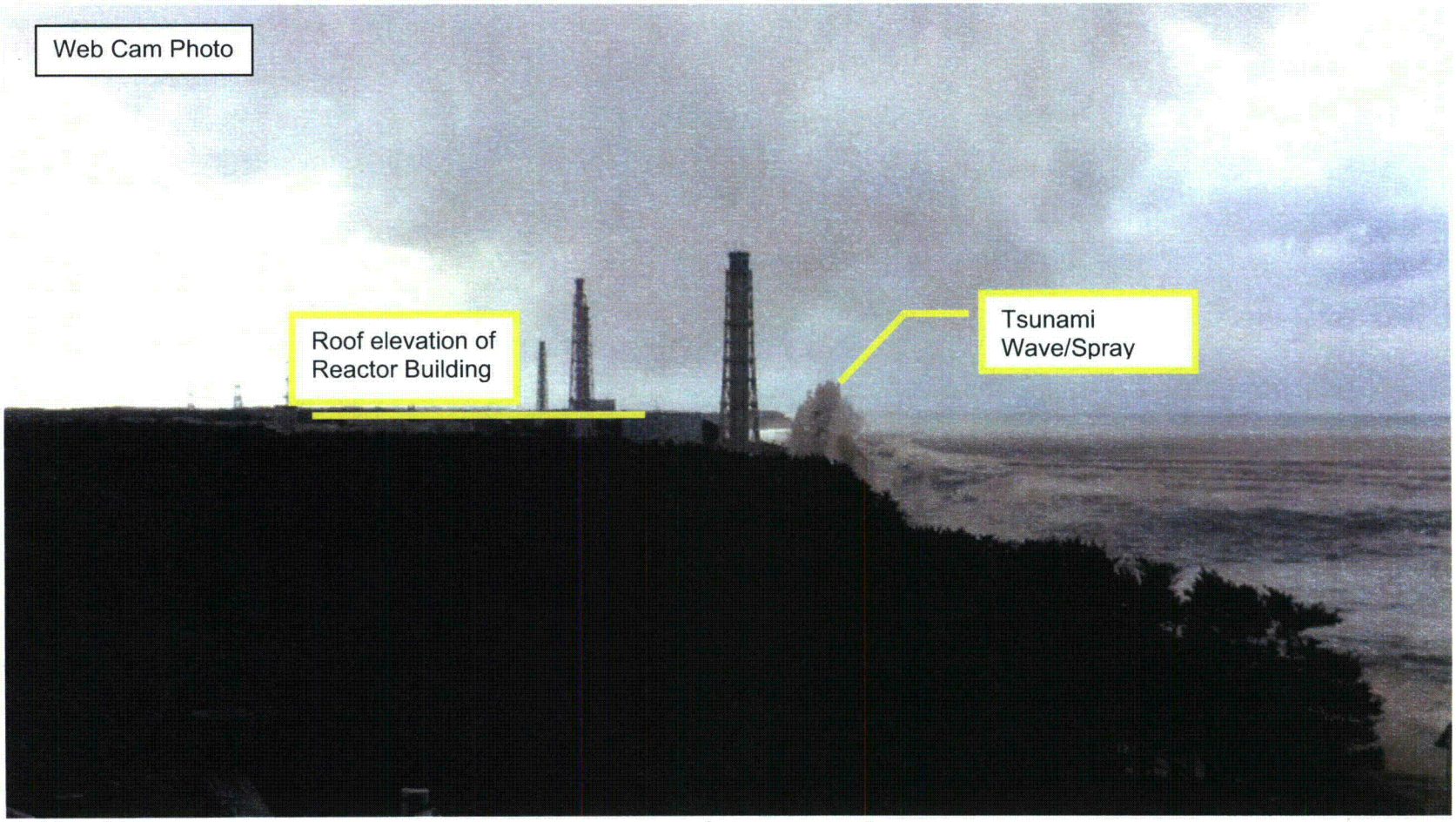
Thanks – we'll look into it. Might be some interesting photos from that angle if it has been active the whole time.

Jane
(status officer du jour)

From: McDermott, Brian
Sent: Thursday, April 07, 2011 7:41 AM
To: RST01 Hoc; ET07 Hoc
Cc: Evans, Michele; Wiggins, Jim
Subject: Web Cam Photo of tsunami wave/spray

I have seen this web cam angle before – I believe Omar Khan found that the camera was active a few days ago. Not sure where/how this image was recovered from March 11. Would be good to try and validate authenticity, as it may provide some indication regarding the surge level at the site.

PPP/713


Web Cam Photo
Roof elevation of Reactor Building
Tsunami Wave/Spray

From: Hoc, RST16
Sent: Thursday, April 07, 2011 10:31 PM
To: Whitney, James
Subject: RE: Response to Questions from PACOM RE: TEPCO DATA

De Nada.

From: Whitney, James
Sent: Thursday, April 07, 2011 7:16 PM
To: Hoc, RST16
Cc: Holian, Brian; RST01 Hoc; RST06 Hoc
Subject: RE: Response to Questions from PACOM RE: TEPCO DATA

Thank you very much for your help, and your patience with the questions I am receiving.

v/r

Jim

James Whitney
Senior Intelligence Analyst
Intelligence Liaison and Threat Assessment Branch
Office of Nuclear Security and Incident Response
U.S. Nuclear Regulatory Commission
301- 415-5253
james.whitney@nrc.gov

From: Hoc, RST16
Sent: Thursday, April 07, 2011 5:50 PM
To: Whitney, James
Cc: Holian, Brian; RST01 Hoc; RST06 Hoc
Subject: Response to Questions from PACOM RE: TEPCO DATA

Below please find our brief answers to the questions relayed to us from PACOM via you.

1. What data is TEPCO getting for each Rx (temp/press readings)and from what positions in the system(s)? Answer: The RST is routinely receiving TEPCO information on each of the units via the Japan Team and via the NISA website. This data is provided in tabular form updates with periodic trend graphs for various important parameters. The type of data includes the following: Reactor Pressure Vessel Injection, flow rate in Cubic Meters per hour (we translate that to gpm), Reactor Vessel Water level in mm (we don't rely on this indication much, having decided actual level may be difficult to accurately assess with the core in a damaged state), Reactor Pressure, two channels, in MPa g (we translate to psig), Reactor Pressure Vessel Temperature at Feed Nozzle and on lower support skirt (which gives RPV Bottom Head temp) in degrees C (we translate to deg F), Spent Fuel Pool Water Temperature (Units 2, 5 & 6, the other units' temp instrumentation is shown as not working), RCS temperature for Units 5 & 6, (accurate since they have flow in their systems). Parameters that TEPCO personnel have determined are unreliable or unavailable are marked as such by the originators of the status tables. Periodically, updated trend charts are provided which show the trend in various parameters over the period of many days. Parameters include temperatures at SRV tailpipe, FW Nozzle, bottom head, and other locations that are depicted in a sketch to show locations. The writing in these trend graph pages is in Japanese

PPP/714

(Kanji) script, so not very intelligible to the team here, but the trend graphs are almost self evident using the location and symbol key.

2. How often are the readings taken? Answer: It is not clear how often the utility personnel are taking readings, but we are receiving updated data at least once per day, sometimes 2 or 3 times per day.
3. How is TEPCO getting the data? Answer: We do not know. Remote Control Room? Answer: We do not know, but will try to ask our colleagues in the Japan team. Some Primary Reactor Control rooms (may be)/are still operable, if so, which ones? Answer: We do not know, but can look further and ask the Japan team if they have a better status to answer this question. Following restoration of off-site power, there were some media/open source reports of lighting and some instrumentation being restored. In the time available to answer this question we have not been able to find any definitive chronology entries or other statements that clearly indicate whether access to Control Rooms has been restored, whether they are being used or whether remote shutdown panels are available/being used.
4. Assess whether they (TEPCO) are getting enough data to know what to do and when, to stabilize the Reactors. Answer: It appears to the Reactor Safety Team that TEPCO is getting enough data to know the protective actions they need to take on site and the basic actions they need to pursue going forward.

One example (from 5 April) link we are using that provides various plant parameters on a graphical representation for each unit is http://www.nisa.meti.go.jp/english/files/en20110407-1-2.pdf We look on this site as well as on the TEPCO site, IAEA Website , etc to obtain additional information. We also receive pdf files from our Japan team with data I've described above from TEPCO.

I'll hand carry the pdf one page summary status table that you can scan and provide to PACOM as an example.

John Thorp
RST Communicator/Chronologist
RST16.Hoc@nrc.gov

From: RST01 Hoc
Sent: Thursday, April 07, 2011 6:43 PM
To: Ali, Syed; Blamey, Alan; Call, Michel; Casto, Chuck; Collins, Elmo; Emche, Danielle; Giessner, John; Jackson, Todd; Monninger, John; NRC Team at USAID; Bernhard, Rudolph; Salay, Michael; Scott, Michael; Sheikh, Abdul; Stahl, Eric; Taylor, Robert; Way, Ralph
Cc: Hoc, RST16
Subject: FW: Response to Questions from PACOM RE: TEPCO DATA

Any help on these questions would be appreciated; special emphasis on #2, 3, 4. Thanks.

RST Coordinator

From: Hoc, RST16
Sent: Thursday, April 07, 2011 5:50 PM
To: Whitney, James
Cc: Holian, Brian; RST01 Hoc; RST06 Hoc
Subject: Response to Questions from PACOM RE: TEPCO DATA

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1. What data is TEPCO getting for each Rx (temp/press readings)and from what positions in the system(s)? Answer: The RST is routinely receiving TEPCO information on each of the units via the Japan Team and via the NISA website. This data is provided in tabular form updates with periodic trend graphs for various important parameters. The type of data includes the following: Reactor Pressure Vessel Injection, flow rate in Cubic Meters per hour (we translate that to gpm), Reactor Vessel Water level in mm (we don't rely on this indication much, having decided actual level may be difficult to accurately assess with the core in a damaged state), Reactor Pressure, two channels, in MPa g (we translate to psig), Reactor Pressure Vessel Temperature at Feed Nozzle and on lower support skirt (which gives RPV Bottom Head temp) in degrees C (we translate to deg F), Spent Fuel Pool Water Temperature (Units 2, 5 & 6, the other units' temp instrumentation is shown as not working), RCS temperature for Units 5 & 6, (accurate since they have flow in their systems). Parameters that TEPCO personnel have determined are unreliable or unavailable are marked as such by the originators of the status tables. Periodically, updated trend charts are provided which show the trend in various parameters over the period of many days. Parameters include temperatures at SRV tailpipe, FW Nozzle, bottom head, and other locations that are depicted in a sketch to show locations. The writing in these trend graph pages is in Japanese (Kanji) script, so not very intelligible to the team here, but the trend graphs are almost self evident using the location and symbol key.
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PPP/715

From: Murray, Charles
Sent: Thursday, April 07, 2011 2:45 PM
To: Jenkins, Jeffery
Subject: Whats up

http://cryptome.org/eyeball/daiichi-npp/daiichi-photos.htm

PPP/716

From: Hoc, RST16
Sent: Thursday, April 07, 2011 9:51 PM
To: Giitter, Joseph
Cc: RST01 Hoc; RST06 Hoc
Subject: RE: April7 2140 RST Documents in Progress Status Update
Attachments: Current List of RST Documents with Ongoing Activity.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Attached.

John Thorp

ppp/717

Current List of RST Documents with Ongoing Activity (As of 4/7/2011 2140)

Purpose: This document satisfies task # 4214, "Provide a means to ensure that all documents are accounted for."

Stakeholder: This document was initiated at the request of the ET.

This document is intended as a status and organization tool for the RST and the ET and is not intended to be shared with other stakeholders without Executive Team approval.

Approval: Reactor Safety Team (RST) Director

Name	Description	Status
RST Assessment Rev.0, Rev1	This was an assessment of the 6 units.	Issued
SFP Assessment	Recommendations are based upon structural, fuel criticality, and thermo-hydraulic analyses, as well as filling guidelines.	NR collecting comments on current version edits being made and continues on lower priority than Stability Paper.
1 Pager Considerations on Reactor Pressure Vessel (RPV) Injection Rate		Sent to INPO (4/6/11) to pass on to TEPCO
1 Pager Considerations on Primary Containment Fill Possibilities		Sent to INPO (4/6/11) to pass on to TEPCO
Stability Assessment	Short term and long term stability: Short term--Risk of energetic/large release significantly diminished. Long Term--Risk eliminated	NR has made comments and RST is reviewing and updating the document as high priority.
Option B (a.k.a.) Additional Measures in Light of TEPCO Current Strategy	Developed to support questions from Elmo Collins. Additional commentary to the 1 Pagers (above) if the Japanese did not accept our recommendations.	Issued
Goop	An assessment was made to determine the ramifications for Kuricoat use in the SFPs. Fukushima Daiichi personnel are planning to spray a resin	Assessment sent to Japan Site Team on 4/6/11

	mixture to fix loose radioactive materials in the plants.	
H2/O2 Paper w/ GE	Assessment of the potential for explosive conditions in containment for Unit 1 during vent and fill.	GEH provided response to inquiries on 4/7/2100, 02:33
Briefing Sheet on Spent Fuel Pool Slurry	This document was initiated at the request of the NRC Site Team to support a briefing by Chuck Casto of the American Ambassador. It is intended to outline the technical issues associated with addition of a "slurry" (i.e., sand or other materials) to the spent fuel pool for Fukushima Daiichi Unit 4 and provide views based on available information.	Sent to Japan Team 4/7/11 Japan Team may have additional related questions; still working.
NRC Japan Team Briefing Report	Summary of event including current and projected near future plant conditions NRC Response: Summary of NRC response activities immediately following and during event US Industry Response: Summary of US Industry response activities immediately following and during event Consortium Activities: Summary of creation of Consortium and activities performed during event Chronology: Summary of events for each Fukushima unit	Received on 4/7/2010; started.

All documents are located in the Brief Case on the RST01 Desktop "Documents in Progress"
This Table is located in M: drive/RST folder.

From: Hoc, RST16
Sent: Thursday, April 07, 2011 11:14 PM
To: RST01 Hoc
Cc: RST06 Hoc; Hoc, RST16
Subject: Current List of RST Documents with Ongoing Activity.docx
Attachments: Current List of RST Documents with Ongoing Activity.docx

Latest update as of end of swing shift 4-7-2011

jet

PPP/718

Current List of RST Documents with Ongoing Activity (As of 4/7/2011 2140)

Purpose: This document satisfies task # 4214, "Provide a means to ensure that all documents are accounted for."

Stakeholder: This document was initiated at the request of the ET.

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All documents are located in the Brief Case on the RST01 Desktop "Documents in Progress"
This Table is located in M: drive/RST folder.

From: ET05 Hoc
Sent: Thursday, April 07, 2011 2:18 PM
To: Holonich, Joseph
Subject: Please reply to this email with the document <eom>

PPP/719

From: RST01 Hoc
Sent: Thursday, April 07, 2011 8:52 AM
To: Hoc, RST16
Subject: FW: (Query) --- Quick Questions

Importance: High

From: Thorp, John
Sent: Thursday, April 07, 2011 7:55 AM
To: Hoc, RST16; RST01 Hoc; RST06 Hoc
Cc: Wertz, Trent; Ruland, William
Subject: (Query) --- Quick Questions
Importance: High

RST Coordinator & Communicator,

I'm finalizing my remarks for my portion of the ACRS presentation on the Accident at Fukushima. I understand there have been some very recent developments I should probably include.

Could I get an answer on these questions? Let me know if you'd rather that I just came over to the RST.

1. I need to see if possible the TEPCO public statement of the percentage of damage in the cores of Units 1-3. I saw a report that showed INPO folks had stated that TEPCO had made the public announcement, but haven't seen the TEPCO public announcement.
2. I need status on the April 5th (new) note that an SRV was stuck open on Unit 1, and that the Japanese planned to inert the containment(s) with Nitrogen on April 6th. Did the inerting actions happen? Is there a reference I can use?

Please respond by 0900 if you can.

Thanks,

John Thorp

PPP/720

From: RST01 Hoc
Sent: Thursday, April 07, 2011 8:53 AM
To: Thorp, John; Hoc, RST16; RST06 Hoc
Cc: Wertz, Trent; Ruland, William
Subject: RE: (Query) --- Quick Questions

John,
Trying to get you answers.

From: Thorp, John
Sent: Thursday, April 07, 2011 7:55 AM
To: Hoc, RST16; RST01 Hoc; RST06 Hoc
Cc: Wertz, Trent; Ruland, William
Subject: (Query) --- Quick Questions
Importance: High

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Please respond by 0900 if you can.

Thanks,

John Thorp

PPP/731

From: Hoc, PMT12
Sent: Friday, April 08, 2011 10:17 PM
To: PMT09 Hoc
Subject: FW: OUO - addition to paper

From: ET05 Hoc
Sent: Friday, April 08, 2011 10:16 PM
To: Hoc, PMT12; Cool, Donald
Subject: OUO - addition to paper

This is from Roy.

This document is marked "Official Use Only." This document is sensitive and should be handled appropriately by the recipients. Therefore, this document is intended to be reviewed by the addressed recipients and is **not** intended to be shared with other stakeholders without NRC approval.

PPP/732

From: Hoc, PMT12
Sent: Friday, April 08, 2011 2:31 PM
To: PMT03 Hoc
Subject: Advisory Team Call - For chronology/log

Next week the call will be on Monday, Wednesday, Friday. 2:00. Same bridge info.

PPP/723

From: Hoc, PMT12
Sent: Friday, April 08, 2011 2:04 PM
To: PMT03 Hoc
Subject: chronology

Can you make a note in the chronology that we had a conference call with RI RSLO to discuss the 50 mile EPZ.

PPP/724

From: Browder, Rachel
Sent: Friday, April 08, 2011 9:22 AM
To: LIA04 Hoc
Subject: Out of Office: Official Use Only: 0430 4/8 NRC Status Update

I will be out of the office until Monday, April 11th. If you need immediate assistance, please contact one of the DNMS secretary's for assistance. I'll be checking my emails and will respond as soon as practical.

PPP/725

From: Holahan, Vincent
Sent: Friday, April 08, 2011 1:17 AM
To: RST06 Hoc
Subject: Out of Office: Response to Questions from PACOM RE: TEPCO DATA

I will be out of the office Friday, March 25, 2011, and will return to the office on Monday, Apirl 18, 2011. I will be checking my email periodically during my absence.

PPP/726

From: RST06 Hoc
Sent: Friday, April 08, 2011 1:16 AM
To: Holahan, Vincent; RST01 Hoc
Subject: FW: Response to Questions from PACOM RE: TEPCO DATA

Vince,

FYI

Fred

From: Whitney, James
Sent: Thursday, April 07, 2011 7:16 PM
To: Hoc, RST16
Cc: Holian, Brian; RST01 Hoc; RST06 Hoc
Subject: RE: Response to Questions from PACOM RE: TEPCO DATA

Thank you very much for your help, and your patience with the questions I am receiving.

v/r

Jim

James Whitney
Senior Intelligence Analyst
Intelligence Liaison and Threat Assessment Branch
Office of Nuclear Security and Incident Response
U.S. Nuclear Regulatory Commission
301- 415-5253
james.whitney@nrc.gov

From: Hoc, RST16
Sent: Thursday, April 07, 2011 5:50 PM
To: Whitney, James
Cc: Holian, Brian; RST01 Hoc; RST06 Hoc
Subject: Response to Questions from PACOM RE: TEPCO DATA

Below please find our brief answers to the questions relayed to us from PACOM via you.

1. What data is TEPCO getting for each Rx (temp/press readings)and from what positions in the system(s)? Answer: The RST is routinely receiving TEPCO information on each of the units via the Japan Team and via the NISA website. This data is provided in tabular form updates with periodic trend graphs for various important parameters. The type of data includes the following: Reactor Pressure Vessel Injection, flow rate in Cubic Meters per hour (we translate that to gpm), Reactor Vessel Water level in mm (we don't rely on this indication much, having decided actual level may be difficult to accurately assess with the core in a damaged state), Reactor Pressure, two channels, in MPa g (we translate to psig), Reactor Pressure Vessel Temperature at Feed Nozzle and on lower support skirt (which gives RPV Bottom Head temp) in degrees C (we translate to deg F), Spent Fuel Pool Water Temperature (Units 2, 5 & 6, the other units' temp instrumentation is shown as not working), RCS temperature for Units 5 & 6, (accurate since they have flow in their systems). Parameters that

PPP/727

TEPCO personnel have determined are unreliable or unavailable are marked as such by the originators of the status tables. Periodically, updated trend charts are provided which show the trend in various parameters over the period of many days. Parameters include temperatures at SRV tailpipe, FW Nozzle, bottom head, and other locations that are depicted in a sketch to show locations. The writing in these trend graph pages is in Japanese (Kanji) script, so not very intelligible to the team here, but the trend graphs are almost self evident using the location and symbol key.

2. How often are the readings taken? Answer: It is not clear how often the utility personnel are taking readings, but we are receiving updated data at least once per day, sometimes 2 or 3 times per day.
3. How is TEPCO getting the data? Answer: We do not know. Remote Control Room? Answer: We do not know, but will try to ask our colleagues in the Japan team. Some Primary Reactor Control rooms (may be)/are still operable, if so, which ones? Answer: We do not know, but can look further and ask the Japan team if they have a better status to answer this question. Following restoration of off-site power, there were some media/open source reports of lighting and some instrumentation being restored. In the time available to answer this question we have not been able to find any definitive chronology entries or other statements that clearly indicate whether access to Control Rooms has been restored, whether they are being used or whether remote shutdown panels are available/being used.
4. Assess whether they (TEPCO) are getting enough data to know what to do and when, to stabilize the Reactors. Answer: It appears to the Reactor Safety Team that TEPCO is getting enough data to know the protective actions they need to take on site and the basic actions they need to pursue going forward.

One example (from 5 April) link we are using that provides various plant parameters on a graphical representation for each unit is http://www.nisa.meti.go.jp/english/files/en20110407-1-2.pdf We look on this site as well as on the TEPCO site, IAEA Website , etc to obtain additional information. We also receive pdf files from our Japan team with data I've described above from TEPCO.

I'll hand carry the pdf one page summary status table that you can scan and provide to PACOM as an example.

John Thorp
RST Communicator/Chronologist
RST16.Hoc@nrc.gov

From: Sheron, Brian
Sent: Friday, April 08, 2011 1:10 PM
To: Rihm, Roger; Morris, Scott
Cc: Marshall, Jane; Powell, Amy; Uhle, Jennifer; Grant, Jeffery; ET07 Hoc
Subject: RE: Boxer-Carper Draft response

I would put the last sentence first, since that is what answers the question. I would put "However" as the start of the rest of the response.

From: Rihm, Roger
Sent: Friday, April 08, 2011 7:59 AM
To: Sheron, Brian; Morris, Scott
Cc: Marshall, Jane; Powell, Amy; Uhle, Jennifer; Grant, Jeffery; ET07 Hoc
Subject: RE: Boxer-Carper Draft response

See Que #6. See also Shep Turk's (OGC) suggested answer.

From: Sheron, Brian
Sent: Friday, April 08, 2011 7:41 AM
To: Morris, Scott; Rihm, Roger
Cc: Marshall, Jane; Powell, Amy; Uhle, Jennifer; Grant, Jeffery; ET07 Hoc
Subject: RE: Boxer-Carper Draft response

What is the question?

From: Morris, Scott
Sent: Friday, April 08, 2011 3:20 AM
To: Rihm, Roger
Cc: Marshall, Jane; Powell, Amy; Uhle, Jennifer; Sheron, Brian; Grant, Jeffery; ET07 Hoc
Subject: RE: Boxer-Carper Draft response

Roger ...

Not sure my staff in DPR can offer much help on this, but I will ask ... RES might be a better source? I have heard anecdotally that there is an old NRC study about simultaneous accidents at Browns Ferry (done many years ago) ... perhaps captured in a NUREG ...

Scott

(ps ... been working the midnight shift here in the ops center)

From: Rihm, Roger
Sent: Thursday, April 07, 2011 9:36 PM
To: Morris, Scott
Cc: Marshall, Jane; Powell, Amy
Subject: FW: Boxer-Carper Draft response

PPP/728

Scott, can you help on some of question #6 attached? Looking for some help ASAP Friday morning.

From: Rothschild, Trip
Sent: Thursday, April 07, 2011 8:50 PM
To: Rihm, Roger; Powell, Amy
Subject: Re: Boxer-Carper Draft response

Is the answer we have not modeled but the nrc staff and op center is capable of handling multiple accidents? It is a question that should be posed to scott morris and gang.

From: Rihm, Roger
To: Powell, Amy; Batkin, Joshua; Turk, Sherwin; Rothschild, Trip
Cc: Landau, Mindy
Sent: Thu Apr 07 19:49:14 2011
Subject: Boxer-Carper Draft response

Includes something for everything except #6, which has Amy and me stumped!

From: Rihm, Roger
Sent: Friday, April 08, 2011 9:18 AM
To: ET07 Hoc
Subject: RE: Boxer-Carper Draft response

Thx.

From: ET07 Hoc
Sent: Friday, April 08, 2011 9:17 AM
To: Rihm, Roger
Subject: RE: Boxer-Carper Draft response

Roger-

Looking at #6, I would offer that emergency planning and response begins at the local and State level. As such, the response would begin locally for each event. I'm not sure what they're diving at – the response would be the same for offsite response (protective actions) at multiple-unit plants.

Just my thoughts.

Jane (Status Officer of the moment)

From: Rihm, Roger
Sent: Friday, April 08, 2011 7:59 AM
To: Sheron, Brian; Morris, Scott
Cc: Marshall, Jane; Powell, Amy; Uhle, Jennifer; Grant, Jeffery; ET07 Hoc
Subject: RE: Boxer-Carper Draft response

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Sent: Friday, April 08, 2011 7:41 AM
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Cc: Marshall, Jane; Powell, Amy; Uhle, Jennifer; Grant, Jeffery; ET07 Hoc
Subject: RE: Boxer-Carper Draft response

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Sent: Friday, April 08, 2011 3:20 AM
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Subject: RE: Boxer-Carper Draft response

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PPP/729

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Cc: Landau, Mindy
Sent: Thu Apr 07 19:49:14 2011
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Includes something for everything except #6, which has Amy and me stumped!

Responses to Questions from Senator Barbara Boxer and Senator Tom Carper
Letter of March 17, 2011

1. Please identify all U.S. nuclear facilities subject to significant seismic activity and/or tsunamis.

Although we often think of the US as having "active " and non-active" earthquake zones, earthquakes can actually happen almost anywhere. Seismologists typically separate the US into low, moderate and high seismicity zones. The NRC requires that every nuclear plant be designed for site-specific ground motions that may be expected at their locations. In addition, the NRC has specified a minimum ground motion level to which all nuclear plants must be designed. The designation of the general type of seismic zone that may apply at any specific site is subject to interpretation but a conservative interpretation – meaning a larger zone—might include the following plants, based upon a preliminary estimate:

High Seismicity – Diablo Canyon, SONGS

Moderate Seismicity – Brunswick, Robinson, Summer, Vogtle, Hatch, Clinton, Watts Bar, Sequoya, North Anna

Low Seismicity – all other plants

2. U.S. nuclear power plants are designed to be safe based on historical data of the area's maximum credible threat (including earthquakes and tsunamis). What extra safety features does the NRC currently require for facilities that have a credible threat of an earthquake or tsunami? In light of the recent events in Japan, we would also like the NRC to re-examine the assumptions used to determine the maximum credible threat and suggest additional options that could provide a greater margin for safety at plants nationwide that might be subject to challenges similar to this currently being seen in Japan following the earthquake and tsunami.

We have taken advantage of the lessons learned from previous operating experience to implement a program of continuous improvement for the U.S. reactor fleet. This includes a number of new regulatory requirements imposed by the NRC that have enhanced the domestic reactor fleet's preparedness for some of the problems we are seeing in Japan.

The "station blackout" (SBO) rule requires every plant in this country to analyze what the plant response would be if it were to lose all alternating current so that it could respond using batteries for a period of time, and then have procedures in place to restore alternating current to the site and provide cooling to the core..The hydrogen rule requires modifications to reduce the impacts of hydrogen generated in the event of a severe accident and core damage.

With regard to the type of containment design used by the most heavily damaged plants in Japan, the NRC has had a Boiling Water Reactor (BWR) Mark I Containment Improvement Program since the late 1980s, which has required installation of hardened vent systems for containment pressure relief, as well as enhanced reliability of the automatic depressurization system.

Additionally, following the 9/11 events, reactor licensees have been required to develop strategies to maintain and restore core cooling, containment, and spent fuel pool cooling capabilities under the circumstances associated with the loss of large areas of the plant due to explosions or fire. Licensees are required to develop strategies for fire fighting, operations to mitigate fuel damage, and actions to minimize radiological release

As a result of the events in Japan, the Chairman, with the full support of the Commission, has directed the NRC staff to establish a senior level agency task force to conduct a methodical and systematic review of our processes and regulations to determine whether the agency should make additional improvements to our regulatory system. This activity will have both near-term and longer-term objectives.

For the near term effort, we have begun a 90-day review. This review will evaluate all of the available information from the Japanese events to identify immediate or near-term operational or regulatory issues potentially affecting the 104 operating reactors in the U.S., including their spent fuel pools. Areas of investigation will include the ability to protect against natural disasters, response to station blackouts, severe accidents and spent fuel accident progression, radiological consequence analysis, and severe accident management issues. Over this 90-day period, we will develop recommendations, as appropriate, for changes to inspection procedures and licensing review guidance, and recommend whether generic communications, orders, or other regulatory requirements are needed.

The task force's longer-term review will begin as soon as the NRC has obtained sufficient technical information concerning the events in Japan. The longer term review will evaluate all technical and policy issues related to those events to identify additional potential research, generic issues, changes to the reactor oversight process, rulemakings, and adjustments to the regulatory framework that should be pursued by the NRC. We will also evaluate interagency issues, such as emergency preparedness, and examine the applicability of any lessons learned to non-operating reactors and materials licensees. We expect to seek input from stakeholders during this process. A report with appropriate recommendations will be provided to the Commission within 6 months of the start of this evaluation. Both the 90-day and final reports will be made publicly available.

3. Which U.S. nuclear power plants share similar design features with the affected Japanese reactor facilities? Do these facilities have design vulnerabilities that should be addressed to ensure their cooling systems do not fail when confronted by stresses including those similar to what we have seen in Japan following the earthquake and tsunami?

Thirty-five of the 104 operating nuclear power plants in the U.S. are BWRs, as are the reactors at Fukushima. Twenty-three of the U.S. BWRs have the same Mark I containment as the Fukushima reactors. Four of the U.S. BWRs are early designs which are similar to Fukushima Unit 1. Nineteen U.S. BWRs are similar to Fukushima Unit 3.

BWR Mark I containments have relatively small volumes in comparison with pressurized water reactor (PWR) containments. This makes the BWR Mark I containment relatively more susceptible to containment failure given a core meltdown severe enough to cause the reactor vessel to fail and to breach the containment boundary. On the positive side, BWRs have more ways of adding water to the core than PWRs. This includes the provision of two water injection sources which do not rely on AC electric power. These systems include Reactor Core Isolation Cooling (RCIC) and High pressure coolant injection (HPCI).

As discussed in response #2 above, the NRC task force will be looking at a range of issues, including potential vulnerabilities of BWRs.

4. How comprehensive is the radiation monitoring system in Japan? Would the U.S. take a similar monitoring approach if a serious accident were to occur here? What increased risk is associated with exposure to mixed oxide fuel?

The NRC does not currently have sufficient information to describe in detail the radiation monitoring system in Japan. In addition to the radiation monitoring that is required to be performed by all U.S. reactor licensees, the U.S. Environmental Protection Agency conducts environmental monitoring of radiation. Questions concerning the EPA's monitoring systems and actions should be directed to the EPA.

Mixed oxide (MOX) fuel involves the use of plutonium as a fuel, in addition to enriched uranium. Plutonium is a long-lived alpha emitter, which presents different risks than those presented by uranium fission products. Regarding exposure to mixed oxide fuel, in Japan, prompt evacuation has minimized radiation exposure to the public, so long-term public health consequences from radiation exposure resulting from the events, whether due to MOX or uranium fuel, are expected to be small. Also, given the small number of MOX fuel assemblies at Fukushima Daiichi Unit 3 at the time of the event, coupled with the short time of irradiation of the MOX fuel, it is likely that the MOX fuel has had and will have no perceptible impact on any consequences from the event.

5. Given what has happened at the Japanese facilities, please describe how the NRC currently ensures the safety of spent fuel pools at U.S. facilities and identify additional steps the NRC could take to better address the vulnerabilities of spent fuel pools at plants in the U.S.

Information concerning the circumstances and specific sequence of events at the Fukushima plants is incomplete at this time, and the lessons to be learned from those events remain to be

determined. The NRC's regulatory focus is to ensure that cooling capability, both for reactors and for spent fuel pools, is maintained in order to prevent fuel damage. This has been accomplished at U.S. plants by redundant and/or diverse capabilities to provide forced cooling and water addition

As discussed in response #2 above, the NRC task force will be looking at a range of issues, and will critically assess potential vulnerabilities of spent fuel pools.

6. Has the NRC modeled what could happen if the U.S. had multiple nuclear accidents simultaneously? If so, how would the NRC respond to such a disaster?

All U.S. nuclear power plant licensees are required to develop plans to deal with emergencies at their facilities, including the loss of offsite power, and to have in place plans. In addition, site-specific offsite emergency preparedness plans are required to be developed and exercised on a regular basis, to provide reasonable assurance that adequate protective measures can and will be taken in the event of an emergency. While these capabilities and plans are site-specific, they would apply as well in the event of a broader emergency involving multiple sites. The occurrence of an event involving a significant release of radiation is not expected at any site, much less at multiple sites simultaneously. The NRC has not modeled what would happen in the event of a simultaneous occurrence of nuclear accidents at multiple sites.

From: Zimmerman, Roy
Sent: Friday, April 08, 2011 6:34 PM
To: Virgilio, Martin; Leeds, Eric
Cc: OST01 HOC; Weber, Michael; ET05 Hoc
Subject: RE: request to NRC to facilitate detection measurements.

I'd suggest my good friend Eric take this one and his staff work with NNSA and then regions.....if he is agreeable. However, If preferred, we will work it from the Ops Center.

From: Virgilio, Martin
Sent: Friday, April 08, 2011 6:26 PM
To: Zimmerman, Roy; Leeds, Eric
Cc: OST01 HOC; Weber, Michael
Subject: RE: request to NRC to facilitate detection measurements.

Roy

I would tend to agree this is either an NRR or a Regional issue. Although I must confess that I do not understand what they are asking for.

Marty

From: Zimmerman, Roy
Sent: Friday, April 08, 2011 5:43 PM
To: Leeds, Eric; Virgilio, Martin
Cc: OST01 HOC; Weber, Michael
Subject: RE: request to NRC to facilitate detection measurements.

Would suggest this be handled by the line organization, pls advise, thx

---

From: OST01 HOC
Sent: Friday, April 08, 2011 5:09 PM
To: Zimmerman, Roy
Subject: FW: request to NRC to facilitate detection measurements.

FYI.

From: HOO Hoc [mailto:HOO.Hoc@nrc.gov]
Sent: Friday, April 08, 2011 4:27 PM
To: LIA07 Hoc; OST01 HOC; OST02 HOC; OST03 HOC
Subject: FW: request to NRC to facilitate detection measurements.

From: NITOPS[SMTP:NITOPS@NNSA.DOE.GOV]
Sent: Friday, April 08, 2011 4:26:34 PM
To: HOO Hoc; Hoc, PMT12
Subject: FW: request to NRC to facilitate detection measurements.
Auto forwarded by a Rule

ppp/730

NITOPS,

Lon Horiuchi (CONTR)

From: Tilden, Jay
Sent: Friday, April 08, 2011 4:20 PM
To: NITOPS
Cc: Georgevich, Vladimir (CONTR); Aoki, Steven; 'Joseph.Rivers@nrc.gov'
Subject: RE: request to NRC to facilitate detection measurements.

NITOPS - please pass on to NRC Operations Center for action.

NRC Ops,

We are requesting your help with facilitating access to a reactor for three of our scientist to calibrate diagnostic equipment at one of the nuclear power plants listed below. We would like this radiation diagnostic team to be given permission to enter one of the US reactor plants to take radiation measurements for the purpose of calibrating the instrumentation in the presence of an operating reactor with a realistic shielding and operational core geometry configurations that are most similar to the reactors in Japan. Our goal is to validate whether this equipment could be used at the Fukushima NPP and determine additional details regarding damaged core geometry.

We need NRC's help in getting appropriate permissions. We have identified four reactors in the US that fit that profile. They are ranked 1-4 in terms of convenience for our detection folks to get to them. These reactors are:

1) Cooper-Nebraska
2) Palo-Iowa
3) Oyster Creek-New Jersey
4) Nine Mile Point-New York

The diagnostic team would comprise of 3 Q cleared individuals with appropriate Radiation Worker Training. We would welcome help from hosting plant by providing us with the following:

1. 2 day access to various points in and around the plant to calibrate equipment (a list could be compiled if needed)
2. Escort by knowledgeable Facilities Engineering Tech Rep who knows the facility and its materials, thicknesses, etc.
3. Plant POC contact info to work out the details prior to deployment.

Vlad Georgevich is the POC/coordinator for this request. He can be contacted at cell 925-321-9299.

Jay A. Tilden
Japan Logistics Coordinator &
Dir.
NA-47, NNSA
202-586-3165

From: LIA08 Hoc
Sent: Friday, April 08, 2011 4:58 PM
To: PMT03 Hoc; PMT07 Hoc; Hoc, PMT12
Subject: FW: request to NRC to facilitate detection measurements.

Please weigh-in.

From: OST01 HOC
Sent: Friday, April 08, 2011 4:36 PM
To: LIA08 Hoc; LIA06 Hoc
Subject: FW: request to NRC to facilitate detection measurements.

From: HOO Hoc [mailto:HOO.Hoc@nrc.gov]
Sent: Friday, April 08, 2011 4:27 PM
To: LIA07 Hoc; OST01 HOC; OST02 HOC; OST03 HOC
Subject: FW: request to NRC to facilitate detection measurements.

From: NITOPS[SMTP:NITOPS@NNSA.DOE.GOV]
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To: HOO Hoc; Hoc, PMT12
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PPP/731

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Jay A. Tilden
Japan Logistics Coordinator &
Dir.
NA-47, NNSA
202-586-3165

From: Hoc, PMT12
Sent: Friday, April 08, 2011 5:53 PM
To: RST01 Hoc; RST03 Hoc; HOO Hoc
Subject: FW: request to NRC to facilitate detection measurements.

Importance: High

RST

I believe this is yours, not the PMT. Should possibly be sent to the line organization – the NRR PM to facilitate, but obviously that is you call.

Sandi
PMT-PAAD

From: NITOPS [mailto:NITOPS@nnsa.doe.gov]
Sent: Friday, April 08, 2011 4:27 PM
To: HOO Hoc; Hoc, PMT12
Subject: FW: request to NRC to facilitate detection measurements.

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Lon Horiuchi (CONTR)

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PPP/732

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Jay A. Tilden
Japan Logistics Coordinator &
Dir.
NA-47, NNSA
202-586-3165

From: ET05 Hoc
Sent: Friday, April 08, 2011 9:52 PM
To: RST03 Hoc
Subject: Matrix
Attachments: Document Status.docx

PPP/733

All Teams Major Document Status
Last Updated: April 8, 2011 @ 2000 EST

Document Title	Team	Current Status	Stakeholders Input to Request	Due Date	Action	Other
Priority 1: Compilation of the 3 Documents into 1 Composite Document						
Composite Analysis for Daiichi regarding EPZ and Stability	Lead team on Document: PMT Work with RST on document LT has the lead to compile the rollup of the talking points for the comprehensive document	PMT and RST are working on creating and refining the composite document.	Site Team EPA Naval Reactors	Next deputies call or IPC call	Take the following 3 documents and create a composite document with a rollup of talking points. - Criteria for Relaxing of 50 mile EPZ (PMT) - Grab & Go criteria in 50-mile EPZ (PMT) - Reactor Stable Conditions (Stability Doc) (RST) Review April 8th NR draft conclusion of long-term habitability assessment; consistent with PMT assessment?	Substantive input provided by Trish Milligan, EPA, Naval Reactors, PMT, and RST.
Re-entry into Tokyo	State Department Document PMT	PMT provided comments on document	PMT comments, Japan Team Comments, State Dept. comments	N/A	Continue to talk to State Department and review any other drafts of this document. Continue to discuss with Japan Site Team about getting a copy of the document if it goes final.	Review April 8th NR draft conclusion of long-term habitability assessment; consistent with PMT assessment?
NOTE: Send the final products of Priority 1 to Vince Holahan when completed at PACOM						

All Teams Major Document Status
Last Updated: April 8, 2011 @ 2000 EST

Document Title	Team	Current Status	Stakeholders Input to Request	Due Date	Action	Other
Priority 2: Review/Completion of Documents Below						
Reactor Safety Assessment, Rev 2	RST	Under revision	Industry comments, all comments are due on Monday, April 11th	No driving deadline	Send Rev 0 and Rev 1 to Vince Holahan	Putting off until this weekend
Overall SFP Assessment Document	RST	Draft	Need site team comments and NR has comments			
SFP - Slurry	RST	Issued	Site Team has it for comment, NR does not have for comment			
SFP Structural (Pool 4) Assessment	RST	Waiting for GE-H input	To be received by Monday			
DOE's Slurry Paper	DOE	Issued, Sent to the site team, DOE and NRC papers are aligned that this method should be a last resort				
Plume Modeling with NOAA	PMT	Determine What to give them and what runs need.	Need to determine their timeframe	TBD		
Comprehensive (Global) Assessment	NRC Japan Site Team					Need to find out if Chuck is still working on this.
Development of information for Secretary of State (Clinton) Visit	LT	Working with RST and PMT to answer information that Chuck sent in	PMT RST LT NRC Japan Site Team	Friday April 15, 2011	Work with RST and PMT to answer information that Chuck sent in, LT will coordinate this action	

From: LIA07 Hoc
Sent: Friday, April 08, 2011 10:43 PM
To: OST04 Hoc
Subject: FW: OUO - April 8, 2200 EDT "One Pager"
Attachments: April 8 2200 EDT one pager.pdf

For books! Thanks!

From: LIA07 Hoc
Sent: Friday, April 08, 2011 10:40 PM
To: Batkin, Joshua; Borchardt, Bill; Bradford, Anna; Coggins, Angela; Cohen, Shari; Collins, Elmo; Cooper, LaToya; Dyer, Jim; ET07 Hoc; Flory, Shirley; Gibbs, Catina; Haney, Catherine; Hudson, Sharon; Jaczko, Gregory; Johnson, Michael; Leeds, Eric; Loyd, Susan; Monninger, John; Pace, Patti; Schwarz, Sherry; Sheron, Brian; Speiser, Herald; Sprogeris, Patricia; Taylor, Renee; Virgilio, Martin; Walker, Dwight; Walls, Lorena; Weber, Michael
Subject: OUO - April 8, 2200 EDT "One Pager"

Please find attached today's 2200 EDT "one pager" from the ET.
-Sara

PPP/734

From:	Miller, Chris
Sent:	Saturday, April 09, 2011 10:28 AM
To:	ET05 Hoc; ET07 Hoc; Evans, Michele; Case, Michael; Bergman, Thomas; Holahan, Patricia
Cc:	Miller, Chris; FOIA Response.hoc Resource; McDermott, Brian; Blount, Tom
Subject:	OpsCtr transition fukushima.docx This is a shell to start your lists going for transition. ET05 Hoc will take the team updates
Attachments:	OpsCtr transition fukushima.docx
Importance:	High

PPP/735

Operations Center Transition Plan to Reduced Staffing for Fukushima Dai-ichi Event

Based on the Chairman's April 8, 2011 memorandum to the EDO with approval of Operations Center staffing for the Japan event, staff is beginning to transition current staffing levels to a six-person team as described in the memorandum:

"I have been briefed by the staff and understand their proposal recommending a reduction in the Operations Center staffing in response to the event. Provided that adequate support to the site team can be maintained, I approve the staff's recommendation to reduce the Operations Center response team to one team directed by a member of the Executive Team (ET), and consisting of two members from the Reactor Safety Team (RST), one member of the Protective Measures Team (PMT), and one member of the Liaison Team (L T) to provide immediate support to the site team, and one assistant to the ET director. The team should be supplemented as necessary based on workload, and line organizations should be tasked as a high priority for support as needed. The team should be staffed around-the-clock as long as the site team is staffed."

The intent of this document is to detail the actions taken and planned for an orderly transition to the six-person agency watch staff, the associated actions to transfer incoming requests to NRC line organizations, and the subsequent reduction of products delivered by the agency watch team and/or participation in conferences or calls regarding the event. It is expected that each NRC Office will have a central point of contact and a distribution network to properly process and distribute to key available staff members the requests sent by the agency watch team as it continues to support the needs of the Site Team in Japan.

Actions by Team:

<u>Executive Team</u>

General:

1. **Change to __ TA briefings per week starting April __.**
2. **Eliminate Ops Center Status Update as of April ___.**
3. **Brief TAs on new schedule for and status updates.**
4. **etc**

EST:

1. **Notify .....**

2. **Determine computer watch station usage and how to transition to the 6 person team functions.**
3. **etc**

Protective Measures Team

1. **etc**
2. **etc**

Reactor Safety Team

1. **etc**
2. **etc**

Liaison Team

1. **etc**
2. **etc**

From: LIA08 Hoc
Sent: Saturday, April 09, 2011 9:06 AM
To: ET05 Hoc
Cc: Weber, Michael
Subject: RE: Response - April 8, 2200 EDT "One Pager"

Thanks...I will add this action to my developing "liaison team transition plan". Jeff Temple

---

From: ET05 Hoc
Sent: Saturday, April 09, 2011 9:05 AM
To: LIA08 Hoc
Subject: FW: Response - April 8, 2200 EDT "One Pager"

From: Weber, Michael
Sent: Saturday, April 09, 2011 9:03 AM
To: LIA07 Hoc
Cc: ET01 Hoc; ET05 Hoc; Virgilio, Martin; Moore, Scott; Lewis, Robert; OST02 HOC
Subject: Response - April 8, 2200 EDT "One Pager"

Thanks, Sara. I noted the caution at the end of the "one pager" not to give the Sitrep to the states. Have we established that was happening? Have we reached out to our RSLOs and FSME with this guidance?

From: LIA07 Hoc
To: Batkin, Joshua; Borchardt, Bill; Bradford, Anna; Coggins, Angela; Cohen, Shari; Collins, Elmo; Cooper, LaToya; Dyer, Jim; ET07 Hoc; Flory, Shirley; Gibbs, Catina; Haney, Catherine; Hudson, Sharon; Jaczko, Gregory; Johnson, Michael; Leeds, Eric; Loyd, Susan; Monninger, John; Pace, Patti; Schwarz, Sherry; Sheron, Brian; Speiser, Herald; Sprogeris, Patricia; Taylor, Renee; Virgilio, Martin; Walker, Dwight; Walls, Lorena; Weber, Michael
Sent: Fri Apr 08 22:40:14 2011
Subject: OUO - April 8, 2200 EDT "One Pager"

Please find attached today's 2200 EDT "one pager" from the ET.
-Sara

PPP/736

From: Blount, Tom
Sent: Saturday, April 09, 2011 9:11 PM
To: ET05 Hoc
Subject: FW: April 9 2200hrs.docx
Attachments: April 9 2200hrs.docx

Importance: High

Bill – any input??

From: Blount, Tom
Sent: Saturday, April 09, 2011 9:10 PM
To: LIA08 Hoc; LIA06 Hoc; Hoc, PMT12; RST01 Hoc
Subject: April 9 2200hrs.docx
Importance: High

Please review and comment in prep for turnover.
I would appreciate your feedback by 2130hrs....

Thanks,
Tom

PPP/737

From: RST01 Hoc
Sent: Saturday, April 09, 2011 8:55 PM
To: Blamey, Alan
Cc: 'gardla@inpo.org'; RST03 Hoc; Ali, Syed; Call, Michel; Casto, Chuck; Collins, Elmo; Emche, Danielle; Giessner, John; Jackson, Todd; Monninger, John; Bernhard, Rudolph; Salay, Michael; Scott, Michael; Sheikh, Abdul; Stahl, Eric; Taylor, Robert; Ulses, Anthony; US-AID Disaster Team; Way, Ralph
Subject: RE: FINAL REV. 1 Option B Recommendations
Attachments: Option B Recommendations -Combo 2100 4-09 version.docx

Please see the attached email to address your request.

Kerri
RST Coordinator

From: Blamey, Alan
Sent: Saturday, April 09, 2011 8:10 AM
To: RST01 Hoc
Cc: 'gardla@inpo.org'
Subject: FW: FINAL REV. 1 Option B Recommendations

The Japan team had requested that the guidance should consider methods to ensure that the RPV remain vented to ensure that the low pressure pumps would continue to maintain the vessel at a low pressure. Specifically, on Unit 1 there is a stuck open SRV. For example if the SRV closes while flow is being maximized the vessel pressure could increase above he shut off head of the pump, prevent injection and pressurize the PRV.

From: RST01 Hoc
Sent: Saturday, April 09, 2011 5:45 AM
To: Blamey, Alan; Ali, Syed; Call, Michel; Casto, Chuck; Collins, Elmo; Emche, Danielle; Giessner, John; Jackson, Todd; Monninger, John; NRC Team at USAID; Bernhard, Rudolph; Salay, Michael; Scott, Michael; Sheikh, Abdul; Stahl, Eric; Taylor, Robert; Way, Ralph
Cc: FOIA Response.hoc Resource
Subject: FW: FINAL REV. 1 Option B Recommendations

From: RST08 Hoc
Sent: Saturday, April 09, 2011 4:26 AM
To: RST01 Hoc; RST06 Hoc; Hoc, RST16
Subject: FINAL REV. 1 Option B Recommendations

Attached please find the Final Rev. 1 Option B document. This is the April 8th 2200 document completed on swing shift with minor editorial nits and formatting from Mids.

Please pass this along to the Site Team. It is my understanding that this document is intended to be shared with NISA

Eva Brown, BWR Systems and Ops Analyst

PPP/ 788

Reactor Safety Team
Nuclear Regulatory Commission
(301) 816-5516

From: LIA01 Hoc
Sent: Saturday, April 09, 2011 12:00 PM
To: DeCair.Sara@epamail.epa.gov
Cc: LIA08 Hoc; LIA06 Hoc; EOC_Manager@epamail.epa.gov; EOC_Public_Information@epamail.epa.gov
Subject: RE: EPA environmental monitoring data-IAEA

Will do. Thanks for your response.

Best regards,
Russ

From: DeCair.Sara@epamail.epa.gov [mailto:DeCair.Sara@epamail.epa.gov]
Sent: Saturday, April 09, 2011 11:59 AM
To: LIA01 Hoc
Cc: LIA08 Hoc; LIA06 Hoc; EOC_Manager@epamail.epa.gov; EOC_Public_Information@epamail.epa.gov
Subject: Re: EPA environmental monitoring data-IAEA

Good morning,
That would be wonderful, thank you! You will convey that to IAEA? Thanks again,
Sara

Sent by EPA Wireless E-Mail Services

From: LIA01 Hoc [LIA01.Hoc@nrc.gov]
Sent: 04/09/2011 10:48 AM AST
To: Sara DeCair
Cc: LIA08 Hoc <LIA08.Hoc@nrc.gov>; LIA06 Hoc <LIA06.Hoc@nrc.gov>
Subject: FW: EPA environmental monitoring data-IAEA

Good Morning Ms. DeCair,

Please see the message below. IAEA is requesting permission to post the links to your RADNET website on their ENAC.

Please advise.

Thank you,
Russell Chazell
Federal Liaison
NRC Operations Center

From: LIA01 Hoc
Sent: Saturday, April 09, 2011 10:27 AM
To: 'eoc.epahq@epa.gov'

PPP/739

Cc: LIA08 Hoc; LIA06 Hoc
Subject: FW: EPA environmental monitoring data-IAEA
Importance: High

Good Morning,

The NRC Operations Center has received the request below from the IAEA regarding EPA public website information. Specifically, IAEA is requesting permission to include the following EPA links on their website:

http://www.epa.gov/japan2011/rert/radnet-data-map.html
http://www.epa.gov/japan2011/rert/radnet-sampling-data.html

Please advise whether or not this is acceptable.

Thank you,

Russell Chazell
Federal Liaison
NRC Operations Center

From: IEC6@iaea.org [mailto:IEC6@iaea.org]
Sent: Saturday, April 09, 2011 5:17 AM
To: HOO Hoc; HOO2 Hoc; Huffman, William
Subject: EPA environmental monitoring data

Dear Sir / Madam,

The IEC is currently collating information provided by Member States on environmental monitoring data after the Fukushima NPP accident.

Two public EPA websites containing relevant information have been brought to our attention:
http://www.epa.gov/japan2011/rert/radnet-data-map.html
http://www.epa.gov/japan2011/rert/radnet-sampling-data.html

I'm writing to you, as an official ENAC Contact Point, to confirm whether we can post these two links in the ENAC website, and by extension include the USA on the list of Member States which have provided or made accessible monitoring data.

Could you please confirm whether this is acceptable?

Best regards
Lea Ruscio
Liaison Officer
IAEA IEC
Tel. +43-1-2698846
Tel. +43-1-2600-2203

This email message is intended only for the use of the named recipient. Information contained in this email message and its attachments may be privileged, confidential and protected from disclosure. If you are not the intended recipient, please do not read, copy, use or disclose this communication to others. Also please notify the sender by replying to this message and then delete it from your system.

From: PMT02 Hoc
Sent: Saturday, April 09, 2011 10:51 AM
To: PMT03 Hoc
Subject: FW: ~~Official Use Only~~ - Task Tracker #4142

From: PMT11 Hoc
Sent: Thursday, April 07, 2011 5:30 AM
To: Hoc, PMT12; PMT02 Hoc
Subject: Official Use Only - Task Tracker #4142

Greg,

Here is my input for an update to task tracker #4142. Changes in **bold**:

Desc: To support SNL offsite dose estimates using **MACCS2**, a one year historical data bank of **meteorological** conditions in Japan needs to be obtained. NOAA may have this information. PMT should contact NOAA to see if this information can be obtained.

Response: NOAA information is available for two close sites: One from the airport about 100km from the site, and one about 45km south of the reactor site. It is believed that the closer site would be most representative. Both datasets have been requested from NOAA [status unknown].

The Sandia representative in Japan indicated in a 0400 EDT call that they have found a source of meteorological data which they could possibly use, but they are still interested in receiving the NOAA data.

Another concern PMT had was the issue of transferring the NOAA data into a format that is usable by MACCS2. The Sandia representative in Japan stated they believe either they can convert the data themselves or if need be, that Sandia can assist them.

PPP/740

From: Evans, Michele
Sent: Saturday, April 09, 2011 11:30 AM
To: ET07 Hoc
Subject: FW: HOC Shift Options for ET Director Position
Attachments: New Shift Schedule.xlsx

From: OST02 HOC
Sent: Friday, April 08, 2011 3:50 PM
To: Evans, Michele
Cc: Kozal, Jason; Bowers, Anthony
Subject: HOC Shift Options for ET Director Position

Michele,

Below are a few options for staffing schedules as we downsize the HOC support. Option 1 is a rotating shift schedule in which an ET Director would be expected to work approximately one week of days, peaks (3pm – 11pm), and mids (11pm – 7am) with some time off to try and squeeze in office work. Option 2 is a straight days, peaks, and nights schedule in which an ET Director would be assigned to a specific shift with the weekends open to allow for two other Directors to split the time on twelve hour shifts. Option 3 is a straight days, peaks, and nights schedule in which an ET Director has the flexibility to rotate between the HOC and their respective office every other week. This schedule would allow the flexibility to open up voluntary weekend support to the DEDO, Deputy Office Director, and Division Office Directors.

We recommend Option 3.

Tony/Jason

	1 SUN	2 MON	3 TUES	4 WED	5 THURS	6 FRI	7 SAT	8 SUN	9 MON	10 TUES	11 WED	12 THURS	13 FRI	14 SAT	15 SUN	16 MON	17 TUES	18 WED	19 THURS	20 FRI	
Option 1																					
1	D	D	D	D	D			M	M	M	M	M				S	S	S	S	S	
2	M	M				D	D	D	D	D			M	M	M	M	M				S
3	S	S	S	S	S						D	D	D	D	D			M	M	M	M
4						S	S	S	S	S						D	D	D	D	D	
5			M	M	M	M	M				S	S	S	S	S						D
Option 2																					
1	D	D	D	D	D			D	D	D	D	D			D	D	D	D	D		
2	S	S	S	S	S			S	S	S	S	S			S	S	S	S	S		
3	M	M	M	M	M			M	M	M	M	M			M	M	M	M	M		
4						D12	D12						D12	D12						D12	D
5						N12	N12						N12	N12						N12	N

PPP/741

Option 3

1	D	D	D	D	D	*	*	O	O	O	O	O	*	*	D	D	D	D	D	*	*
2	O	O	O	O	O	*	*	S	S	S	S	S	*	*	O	O	O	O	O	*	*
3	O	O	O	O	O	*	*	M	M	M	M	M	*	*	O	O	O	O	O	*	*
4	O	O	O	O	O	*	*	D	D	D	D	D	*	*	O	O	O	O	O	*	*
5	S	S	S	S	S	*	*	O	O	O	O	O	*	*	S	S	S	S	S	*	*
6	M	M	M	M	M	*	*	O	O	O	O	O	*	*	M	M	M	M	M	*	*

*SES - DEDO,DEP OD, DIV DIR VOL ON WEEKENDS

Option 1

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON
1	D	D	D	D	D			M	M	M	M	M				S	S	S	S	S				D	D	D	D	D		
2	M	M				D	D	D	D	D			M	M	M	M	M				S	S	S	S	S				D	D
3	S	S	S	S	S						D	D	D	D	D			M	M	M	M	M				S	S	S	S	S
4						S	S	S	S	S						D	D	D	D	D			M	M	M	M	M			
5			M	M	M	M	M				S	S	S	S	S						D	D	D					M	M	M

Option 2

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	D	D	D	D	D			D	D	D	D	D			D	D	D	D	D			D	D	D	D	D			D	D
2	S	S	S	S	S			S	S	S	S	S			S	S	S	S	S			S	S	S	S	S			S	S
3	M	M	M	M	M			M	M	M	M	M			M	M	M	M	M			M	M	M	M	M			M	M
4						D12	D12						D12	D12						D12	D12						D12	D12		
5						N12	N12						N12	N12						N12	N12						N12	N12		

Option 3

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	D	D	D	D	D	*	*	O	O	O	O	O	*	*	D	D	D	D	D	*	*	O	O	O	O	O	*	*	D	D
2	O	O	O	O	O	*	*	S	S	S	S	S	*	*	O	O	O	O	O	*	*	S	S	S	S	S	*	*	O	O
3	O	O	O	O	O	*	*	M	M	M	M	M	*	*	O	O	O	O	O	*	*	M	M	M	M	M	*	*	O	O
4	O	O	O	O	O	*	*	D	D	D	D	D	*	*	O	O	O	O	O	*	*	D	D	D	D	D	*	*	O	O
5	S	S	S	S	S	*	*	O	O	O	O	O	*	*	S	S	S	S	S	*	*	O	O	O	O	O	*	*	S	S
6	M	M	M	M	M	*	*	O	O	O	O	O	*	*	M	M	M	M	M	*	*	O	O	O	O	O	*	*	M	M

*SES - DEDO,DEP OD, DIV DIR VOL ON WEEKENDS

S S S S

From: ET07 Hoc
Sent: Saturday, April 09, 2011 1:55 PM
To: Marshall, Jane
Subject: FW: fun with shift staffing
Attachments: New Shift Schedule.xlsx

From: ET07 Hoc
Sent: Saturday, April 09, 2011 1:40 PM
To: Kozal, Jason
Subject: fun with shift staffing

Jason-
Any way to even out the hours on the schedule? Yep, all your hard work is now reduced to "option 1" and has been expanded to cover the next two and a half pay periods (this coming week doesn't count). By the way, you can have Pete and Sally back for NLE.

Is there any way to even up the guys that end up with -21 hours for the pay period? I'm assuming an 8.5 hour day (shift plus turnover).

Jane

PPP/742

	0	1	2	3	4	5	6	7
	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT
1	D	D	D	D	D			M
2	M	M				D	D	D
3	S	S	S	S	S			
4						S	S	S
5			M	M	M	M	M	
	4/16	4/17	4/18	4/19	4/20	4/21	4/22	4/23

	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SHIFTS	HOURS	
1	M	M	M	M				S	S	S	S	S			9	76.5	-4
2	D	D			M	M	M	M	M				S	S	9	76.5	-4
3			D	D	D	D	D			M	M	M	M	M	10	85	5
4	S	S						D	D	D	D	D			7	59.5	-21
5			S	S	S	S	S						D	D	7	59.5	-21
	4/24	4/25	4/26	4/27	4/28	4/29	4/30	5/1	5/2	5/3	5/4	5/5	5/6	5/7			

	22	23	24	25	26	27	28	29	30	31	32	33	34	35			
	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SHIFTS	HOURS	
1		D	D	D	D	D					M	M	M	M	9	76.5	-4
2	S	S	S				D	D	D	D	D				8	68	-12
3				S	S	S	S	S				D	D	D	8	68	-12
4	M	M	M	M	M				S	S	S	S	S		10	85	5
5	D					M	M	M	M	M				S	7	59.5	-21
	5/8	5/9	5/10	5/11	5/12	5/13	5/14	5/15	5/16	5/17	5/18	5/19	5/20	5/21			

From: LIA06 Hoc
Sent: Saturday, April 09, 2011 1:54 PM
To: Miller, Chris; LIA07 Hoc; ET05 Hoc; ET07 Hoc; RST01 Hoc; PMT01 Hoc; Bergman, Thomas; Case, Michael; Holahan, Patricia
Subject: RE: April 9 1500hrs.docx Strawman to update for turnover Please mark up and provide back to me.
Attachments: ~$ril 9 1500hrs (2) LT input.docx

LT input in markup.

Liaison Team Director
U.S. Nuclear Regulatory Commission
Operations Center

From: Miller, Chris
Sent: Saturday, April 09, 2011 1:49 PM
To: Miller, Chris; LIA07 Hoc; ET05 Hoc; ET07 Hoc; RST01 Hoc; PMT01 Hoc; LIA06 Hoc; Bergman, Thomas; Case, Michael; Holahan, Patricia
Subject: April 9 1500hrs.docx Strawman to update for turnover Please mark up and provide back to me.
Importance: High

Thx
chris

PPP/743

Attachment ~$ril 9 1500hrs (2) LT input.docx(162 bytes) cannot be converted to PDF format.

From: RST01 Hoc
Sent: Saturday, April 09, 2011 11:19 AM
To: RST06 Hoc; RST08 Hoc; RST09 Hoc
Subject: FW: OpsCtr transition fukushima.docx This is a shell to start your lists going for transition. ET05 Hoc will take the team updates
Attachments: OpsCtr transition fukushima.docx

Importance: High

From: Miller, Chris
Sent: Saturday, April 09, 2011 11:14 AM
To: RST01 Hoc
Subject: FW: OpsCtr transition fukushima.docx This is a shell to start your lists going for transition. ET05 Hoc will take the team updates
Importance: High

From: Miller, Chris
Sent: Saturday, April 09, 2011 10:28 AM
To: ET05 Hoc; ET07 Hoc; Evans, Michele; Case, Michael; Bergman, Thomas; Holahan, Patricia
Cc: Miller, Chris; FOIA Response.hoc Resource; McDermott, Brian; Blount, Tom
Subject: OpsCtr transition fukushima.docx This is a shell to start your lists going for transition. ET05 Hoc will take the team updates
Importance: High

PPP/744

~~"OFFICIAL USE ONLY" = SENSITIVE INTERNAL INFORMATION~~

Operations Center Transition Plan to Reduced Staffing for Fukushima Dai-ichi Event

Based on the Chairman's April 8, 2011 memorandum to the EDO with approval of Operations Center staffing for the Japan event, staff is beginning to transition current staffing levels to a six-person team as described in the memorandum:

"I have been briefed by the staff and understand their proposal recommending a reduction in the Operations Center staffing in response to the event. Provided that adequate support to the site team can be maintained, I approve the staff's recommendation to reduce the Operations Center response team to one team directed by a member of the Executive Team (ET), and consisting of two members from the Reactor Safety Team (RST), one member of the Protective Measures Team (PMT), and one member of the Liaison Team (L T) to provide immediate support to the site team, and one assistant to the ET director. The team should be supplemented as necessary based on workload, and line organizations should be tasked as a high priority for support as needed. The team should be staffed around-the-clock as long as the site team is staffed."

The intent of this document is to detail the actions taken and planned for an orderly transition to the six-person agency watch staff, the associated actions to transfer incoming requests to NRC line organizations, and the subsequent reduction of products delivered by the agency watch team and/or participation in conferences or calls regarding the event. It is expected that each NRC Office will have a central point of contact and a distribution network to properly process and distribute to key available staff members the requests sent by the agency watch team as it continues to support the needs of the Site Team in Japan.

Actions by Team:

<u>Executive Team</u>

General:

1. **Change to __ TA briefings per week starting April __.**
2. **Eliminate Ops Center Status Update as of April ___.**
3. **Brief TAs on new schedule for and status updates.**
4. **etc**

EST:

1. **Notify .....**

2. **Determine computer watch station usage and how to transition to the 6 person team functions.**
3. **etc**

Protective Measures Team

1. **etc**
2. **etc**

Reactor Safety Team

1. **etc**
2. **etc**

Liaison Team

1. **etc**
2. **etc**

From: RST01 Hoc
Sent: Saturday, April 09, 2011 2:49 AM
To: Hoc, RST16
Subject: FW: NRC's Daily Assessment of Conditions at Fukushima Daiichi
Attachments: NRC Daily Assessment of Daiichi - 4-9-11.pdf

From: Salay, Michael
Sent: Saturday, April 09, 2011 2:39 AM
To: Salay, Michael; Jaczko, Gregory
Cc: Borchardt, Bill; Weber, Michael; Virgilio, Martin; Casto, Chuck; Leeds, Eric; RST01 Hoc
Subject: NRC's Daily Assessment of Conditions at Fukushima Daiichi

Dear Chairman,

Attached please find the NRC Japan Team's Daily Assessment of conditions at the Fukushima Daiichi nuclear power plants and spent fuel pools. There are no changes of note today.

If you have any questions, please don't hesitate to ask.

Best regards,
Mike Salay
NRC Japan Team

PPP/745

NRC's Daily Assessment of Conditions at Fukushima Daiichi Nuclear Power Plant

Unit 1		Today	Yesterday
Vessel	Cooling	Challenged	Challenged
		↔	↓
	Integrity	Intact	Intact
		↔	↔
Containment	Flooding	Inc./Needed	Inc./Needed
		↔	↔
	Integrity	Challenged	Challenged
		↔	↔
Spent Fuel Pool	Cooling/Level	Adequate	Adequate
		↔	↔
	Integrity	Intact	Intact
		↔	↔

Unit 2		Today	Yesterday
Vessel	Cooling	Challenged	Challenged
		↔	↓
	Integrity	Failed	Failed
		↔	↔
Containment	Flooding	Inc./Needed	Inc./Needed
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Spent Fuel Pool	Cooling/Level	Adequate	Adequate
		↔	↔
	Integrity	Intact	Intact
		↔	↔

Unit 3		Today	Yesterday
Vessel	Cooling	Adequate	Adequate
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Containment	Flooding	Challenged	Challenged
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Spent Fuel Pool	Cooling/Level	Challenged	Challenged
		↔	↔
	Integrity	Challenged	Challenged
		↔	↔

Unit 4		Today	Yesterday
Spent Fuel Pool	Cooling/Level	Challenged	Challenged
		↔	↔
	Integrity	Failed	Failed
		↔	↔

		Today	Yesterday
Protective Measures	Exposure Risk	Low	Low
		↔	↔

Methodology for Developing the Fukushima Daiichi Daily Assessment Report

PURPOSE: The report is prepared to provide a qualitative high level assessment of daily conditions at Fukushima Daiichi that the U.S. Ambassador can use to assess the safety of American citizens in Japan.

DISCLAIMER: The development of the daily assessment report includes a number of inputs. Some of these are objective, such as plant data provided by TEPCO, while others are subjective, such as engineering insights from the NRC's reactor and protective measures specialists in Japan. It should be recognized that there are many unknowns and uncertainties associated with having a complete understanding of conditions in each of the Daiichi reactors and spent fuel pools. As such, this tool represents the collective judgment of the NRC staff in Japan based on all available data.

For each of the major plant parameters listed below, the NRC staff assesses its status daily and bins it into one of the three categories listed. The staff uses the listed plant information and conditions in making its assessment. The arrows on the report indicate the relative trend in plant conditions from the previous day.

1. Reactor Pressure Vessel
    a. Cooling – Adequate, Challenged, or Inadequate.
        i. Flow or Injection Rate
        ii. Reliability of Injection
        iii. Source of Water
    b. Integrity – Intact, Challenged, or Failed.
        i. Temperature indications
        ii. Pressure readings
2. Primary Containment
    a. Flooding Status – Complete/Not needed, Challenged, or Incomplete/Needed.
        i. Water Level
        ii. Sources
        iii. Injection capacity/rate
    b. Integrity - Intact, Challenged, or Failed.
        i. Pressure readings
        ii. Bypass evaluations
        iii. Temperature indications
3. Spent Fuel Pools
    a. Cooling/Level – Adequate, Challenged, or Inadequate.
        i. Flow or Injection Rate
        ii. Reliability of Injection
        iii. Source of Water
    b. Integrity – Intact, Challenged, or Failed. Due to limited available data, this assessment relies strongly on the NRC team's engineering judgment.
4. Protective Measures – Exposure Risk to American citizens in Japan outside the U.S. government's recommended 50-mile evacuation zone.
    a. Low – 50-mile recommendation remains sufficient
    b. Medium – New information has raised questions regarding the sufficiency of the 50-mile recommendation.
    c. High – 50-mile recommendation is no longer sufficient due to changing plant condition

From: ET02 Hoc
Sent: Sunday, April 10, 2011 8:33 AM
To: ET07 Hoc
Subject: FW: NRC's Daily Assessment of Conditions at Fukushima Daiichi
Attachments: NRC Daily Assessment of Daiichi - 4-10-11.pdf

From: ET01 Hoc
Sent: Sunday, April 10, 2011 8:33:12 AM
To: ET02 Hoc
Subject: FW: NRC's Daily Assessment of Conditions at Fukushima Daiichi
Auto forwarded by a Rule

From: Weber, Michael
Sent: Sunday, April 10, 2011 8:33:12 AM
To: ET01 Hoc; ET05 Hoc
Cc: OST02 HOC; LIA08 Hoc; LIA06 Hoc
Subject: FYI - NRC's Daily Assessment of Conditions at Fukushima Daiichi
Auto forwarded by a Rule

From: Salay, Michael
To: Jaczko, Gregory
Cc: Borchardt, Bill; Weber, Michael; Virgilio, Martin; Casto, Chuck; Leeds, Eric; RST01 Hoc
Sent: Sun Apr 10 03:01:13 2011
Subject: NRC's Daily Assessment of Conditions at Fukushima Daiichi

Dear Chairman,

Attached please find the NRC Japan Team's Daily Assessment of conditions at the Fukushima Daiichi nuclear power plants and spent fuel pools. There is one change of note today. Temperatures in the upper drywell and under the vessel of Unit 3 are slowly trending up. This is reflected by a down arrow in the attached for integrity of the Unit 3 containment. We will continue to discuss these issues with NISA and TEPCO.

If you have any questions, please don't hesitate to ask.

Best regards,
Mike Salay
NRC Japan Team

RPP/746

NRC's Daily Assessment of Conditions at Fukushima Daiichi Nuclear Power Plant

Unit 1		Today	Yesterday
Vessel	Cooling	Challenged	Challenged
		↔	↔
	Integrity	Intact	Intact
		↔	↔
Containment	Flooding	Inc./Needed	Inc./Needed
		↔	↔
	Integrity	Challenged	Challenged
		↔	↔
Spent Fuel Pool	Cooling/Level	Adequate	Adequate
		↔	↔
	Integrity	Intact	Intact
		↔	↔

Unit 2		Today	Yesterday
Vessel	Cooling	Challenged	Challenged
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Containment	Flooding	Inc./Needed	Inc./Needed
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Spent Fuel Pool	Cooling/Level	Adequate	Adequate
		↔	↔
	Integrity	Intact	Intact
		↔	↔

Unit 3		Today	Yesterday
Vessel	Cooling	Adequate	Adequate
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Containment	Flooding	Challenged	Challenged
		↔	↔
	Integrity	Failed	Failed
		↓	↔
Spent Fuel Pool	Cooling/Level	Challenged	Challenged
		↔	↔
	Integrity	Challenged	Challenged
		↔	↔

Unit 4		Today	Yesterday
Spent Fuel Pool	Cooling/Level	Challenged	Challenged
		↔	↔
	Integrity	Failed	Failed
		↔	↔

		Today	Yesterday
Protective Measures	Exposure Risk	Low	Low
		↔	↔

Methodology for Developing the Fukushima Daiichi Daily Assessment Report

PURPOSE: The report is prepared to provide a qualitative high level assessment of daily conditions at Fukushima Daiichi that the U.S. Ambassador can use to assess the safety of American citizens in Japan.

DISCLAIMER: The development of the daily assessment report includes a number of inputs. Some of these are objective, such as plant data provided by TEPCO, while others are subjective, such as engineering insights from the NRC's reactor and protective measures specialists in Japan. It should be recognized that there are many unknowns and uncertainties associated with having a complete understanding of conditions in each of the Daiichi reactors and spent fuel pools. As such, this tool represents the collective judgment of the NRC staff in Japan based on all available data.

For each of the major plant parameters listed below, the NRC staff assesses its status daily and bins it into one of the three categories listed. The staff uses the listed plant information and conditions in making its assessment. The arrows on the report indicate the relative trend in plant conditions from the previous day.

1. Reactor Pressure Vessel
    a. Cooling – Adequate, Challenged, or Inadequate.
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        ii. Reliability of Injection
        iii. Source of Water
    b. Integrity – Intact, Challenged, or Failed.
        i. Temperature indications
        ii. Pressure readings
2. Primary Containment
    a. Flooding Status – Complete/Not needed, Challenged, or Incomplete/Needed.
        i. Water Level
        ii. Sources
        iii. Injection capacity/rate
    b. Integrity - Intact, Challenged, or Failed.
        i. Pressure readings
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    a. Cooling/Level – Adequate, Challenged, or Inadequate.
        i. Flow or Injection Rate
        ii. Reliability of Injection
        iii. Source of Water
    b. Integrity – Intact, Challenged, or Failed. Due to limited available data, this assessment relies strongly on the NRC team's engineering judgment.
4. Protective Measures – Exposure Risk to American citizens in Japan outside the U.S. government's recommended 50-mile evacuation zone.
    a. Low – 50-mile recommendation remains sufficient
    b. Medium – New information has raised questions regarding the sufficiency of the 50-mile recommendation.
    c. High – 50-mile recommendation is no longer sufficient due to changing plant condition

From: ET07 Hoc
Sent: Sunday, April 10, 2011 1:28 PM
To: Casto, Chuck
Subject: Your morning call

Chuck:
Marty just stopped down to discuss a few things and indicated that after your morning (our evening) call with you and the Chairman, he'd like for you to stay on the call to discuss some of the documents we have been developing here at HQ to support you and your team in Japan. We need to ensure that the documents are addressing your needs and getting to you in a timely fashion, and that we're not developing unnecessary documents.

Thanks,
Jane Marshall
Status Officer

PPP/747

From: ET07 Hoc
Sent: Sunday, April 10, 2011 8:44 AM
To: Casto, Chuck
Subject: RE: documents being prepared for you at HQ

Targeting completion tonight (our time) so you should get it in the morning.

From: Casto, Chuck
Sent: Sunday, April 10, 2011 8:41 AM
To: ET07 Hoc
Subject: Re: documents being prepared for you at HQ

Final thanks. Awesome work folks. Thanks to all.

Casto

From: ET07 Hoc
To: Casto, Chuck
Sent: Sun Apr 10 08:21:41 2011
Subject: documents being prepared for you at HQ

The RST has a good draft of the "Global Assessment" – does the site team want that as a final document, or were you looking for a draft for your team to use?

HQ Status Officer (Jane Marshall)

PPP/748

From: LIA06 Hoc
Sent: Sunday, April 10, 2011 4:28 PM
To: LIA08 Hoc
Subject: FW: CHAIRMAN CALL AT 1830 EDT

Liaison Team Director
U.S. Nuclear Regulatory Commission
Operations Center

From: LIA03 Hoc
Sent: Sunday, April 10, 2011 4:28 PM
To: LIA06 Hoc
Subject: FW: CHAIRMAN CALL AT 1830 EDT

From: LIA03 Hoc
Sent: Sunday, April 10, 2011 4:13 PM
To: LIA08 Hoc; LIA02 Hoc; LIA10 Hoc
Subject: FW: CHAIRMAN CALL AT 1830 EDT

From: LIA02 Hoc
Sent: Sunday, April 10, 2011 4:13 PM
To: LIA08 Hoc; LIA03 Hoc; LIA10 Hoc
Subject: FW: CHAIRMAN CALL AT 1830 EDT

From: LIA03 Hoc
Sent: Sunday, April 10, 2011 4:12 PM
To: Casto, Chuck
Cc: LIA02 Hoc
Subject: CHAIRMAN CALL AT 1830 EDT

Chuck –

Please remain on the line at the end of the call scheduled with the Chairman today (Sunday, April 10) at 1830 EDT. The ET and Marty Virgilio would like to have a conversation with you at that time.

Please acknowledge receipt of this message.

Thanks,

LIAO3

PPP/ 7A9

From: Collins, Elmo
Sent: Sunday, April 10, 2011 4:18 PM
To: LIA03 Hoc; Liaison Japan
Cc: Emche, Danielle; Stahl, Eric
Subject: Re: CHAIRMAN CALL AT 1830 EDT

I'll make sure Chuck gets the word

From: LIA03 Hoc
To: Liaison Japan
Cc: Emche, Danielle; Stahl, Eric
Sent: Sun Apr 10 16:14:50 2011
Subject: FW: CHAIRMAN CALL AT 1830 EDT

All,

Please make sure Chuck Casto sees message below wrt staying on the line after completing the Chairman call today to continue the conversation with the ET and Marty Virgilio.

Thanks,

LIA02

From: LIA03 Hoc
Sent: Sunday, April 10, 2011 4:12 PM
To: Casto, Chuck
Cc: LIA02 Hoc
Subject: CHAIRMAN CALL AT 1830 EDT

Chuck –

Please remain on the line at the end of the call scheduled with the Chairman today (Sunday, April 10) at 1830 EDT. The ET and Marty Virgilio would like to have a conversation with you at that time.

Please acknowledge receipt of this message.

Thanks,

LIAO3

From: RST06 Hoc
Sent: Sunday, April 10, 2011 1:40 AM
To: Hoc, PMT12
Subject: RE: PARs for Deputies Meeting Rev11

Thanks!

From: Hoc, PMT12
Sent: Sunday, April 10, 2011 1:40 AM
To: RST06 Hoc
Subject: PARs for Deputies Meeting Rev11

PAP/750

From: RST01 Hoc
Sent: Sunday, April 10, 2011 1:47 PM
To: RST06 Hoc; RST07 Hoc
Subject: Recommendations from Millstone Unit 1 trip report

FYI.

-----Original Message-----
From: ET07 Hoc
Sent: Sunday, April 10, 2011 10:44 AM
To: RST01 Hoc; RST12 Hoc; Hoc, PMT12
Subject: FW: Millstone Unit 1 trip report

FYI

-----Original Message-----
From: Orders, William
Sent: Sunday, April 10, 2011 10:40 AM
To: ET07 Hoc
Subject: FW: Millstone Unit 1 trip report

I do not know how much visibility the below got..but the info maybe useful

Bill

William T. Orders
Reactors Technical Assistant
Staff of Commissioner William D. Magwood IV
310-415-8430
William.Orders@nrc.gov

-----Original Message-----
From: Kelly, John E (NE) [mailto:JohnE.Kelly@Nuclear.Energy.Gov]
Sent: Saturday, April 09, 2011 1:01 PM
To: Orders, William
Subject: RE: Millstone Unit 1 trip report

Bill
I shared a summary, but please share as you see fit.
John

-----Original Message-----
From: Orders, William [mailto:William.Orders@nrc.gov]
Sent: Saturday, April 09, 2011 11:44 AM
To: Kelly, John E (NE)
Subject: RE: Millstone Unit 1 trip report

PPP/751

John

This is great info...has it been shared with Japan site team?

If not may I share?

Bill
-----Original Message-----
From: Kelly, John E (NE) [mailto:JohnE.Kelly@Nuclear.Energy.Gov]
Sent: Friday, April 08, 2011 9:26 AM
To: Orders, William
Subject: FW: Millstone Unit 1 trip report

Bill
Here is a trip report from Per Peterson from the visit to Millstone We're trying to find something in writing on the check valve leakage.
John

-----Original Message-----
From: Peterson, Per
Sent: Tuesday, March 29, 2011 6:16 AM
To: SCHU; Garwin, Dick (IBM); Binkley, Steve; Brinkman, Bill; Binder, Jeff; Hurlbut, Brandon; Sheron, Brian; Poneman, Daniel; Connell, Elizabeth; McFarlane, Harold; 'Harold Denton'; Adams, Ian; John Holdren; 'JOE H. PAYER'; Kelly, John E (NE); Grossenbacher, John (INL); Owens, Missy; Peterson, Per; Lyons, Peter; Finck, Phillip; Garwin, Dick (EOP); Lee, Richard (NRC); Budnitz, Bob; Szilard, Ronaldo; Aoki, Steven; Koonin, Steven; Steve Fetter; Binkley, Steve; DAgostino, Thomas
Subject: Millstone Unit 1 trip report

Here is a brief summary of observations from our visit to Millstone Unit 1 (a shutdown 660 MWe GE reactor with an isolation condenser, that entered service in 1971).

The plant staff reviewed two important areas of experience that are relevant to the Fukushima accident.

First, they noted experience that at low pressure differences, check valves in the control rod drive mechanisms can leak (they seal well at 1000psi, but not at 50 psi). Millstone had implemented an early plant modification that would provide a leak path for primary coolant through the check valves to the main feedwater line, and thus back to the feedwater pumps in the turbine building where leakage could occur through the feedwater pump check valves and seals into a seal water drain tank that could then overflow. They note that this could be the source of contamination found in the Fukushima turbine buildings.
Closing the feedwater pump isolation valves would eliminate this leakage path.

Second, early in its operating history Unit 1 experienced a substantial intrusion of salt water due to failure of condenser tubes. Substantial and rapid stress corrosion cracking of stainless steel occurred. In particular, chloride got into the condensate storage tank and then into the shell-side water of the isolation condenser. Rapid stress corrosion cracking resulted in leaking tubes within a few weeks (I think this was the time frame). John Kelly has a report on the saltwater intrusion event provided by the plant staff that provides more details. The important point is that there are now much higher chloride levels in the Fukushima units, raising the risk for rapid stress corrosion cracking. I think that lower reactor vessel penetrations, and stainless-steel lines penetrating the primary containment, are at particular risk. Leakage in the lower reactor vessel head or the primary containment could jeopardize the capacity to continue heat removal from the reactor cores, which argues for an expedited effort to treat water for injection (oxygen removal, corrosion inhibitor addition) and to flush salt water from the reactors and primary containments.

Plant staff reviewed potential flow paths that might be used to establish once-through cooling, where fresh water injection would provide evaporative cooling and flushing, with periodic bleeding of steam for heat removal combined with let-down of excess flow to flush contaminated salt water from the system.

They recommended a single flow path, with feed injection to the reactor vessel at sufficient rates to overflow water to the steam lines and through the safety relief valves to the suppression pool.
Let-down from the suppression pool could then occur from the low-pressure safety injection system, which takes suction from the bottom of the torus.

This provides one option for flushing salt from the reactor and primary containment systems. A systematic review of potential once-through cooling and flushing options is warranted. If a flow pattern can be established where fresh water is fed from the top, and salt water flushed from below, stable stratification of denser salt water below lighter fresh water could increase the effectiveness and speed of flushing.

Also discussed were options for level measurement and for use of radiation hardened cameras.

Finally, in touring the reactor and turbine buildings of Unit 1, it was impressive to think of the Japanese operators who were doing their work in those buildings by flashlight.

-Per

--

Per F. Peterson
Professor and Chair
Department of Nuclear Engineering
University of California
4153 Etcheverry Hall
Berkeley, California 94720-1730
peterson@nuc.berkeley.edu
Office: (510) 643-7749 Fax: (510) 643-9685
http://www.nuc.berkeley.edu/People/Per_Peterson

From: LIA02 Hoc
Sent: Sunday, April 10, 2011 5:29 PM
To: RMTPACTSU_RM@ofda.gov; RMTPACTSU_AC
Cc: Carter, Mary; Evans, Michele; Jackson, Karen; LIA06 Hoc; LIA02 Hoc; Kozal, Jason
Subject: us nrc - fourth team

US AID Response Manager and AID Administrative Coordinator:

The next U.S. NRC Team is ready to leave for Japan on Tuesday, April 12. The following six NRC experts should be considered "emergent" (sic). Please expedite their travel.

Steve Garchow (from NRC's Region IV);
Heather Gepford (from NRC's Region II);
Tony Huffert (from NRC's Office of Research);
Jeff Mitman (from NRC's Office of Nuclear Reactor Regulation); and
Carl Moore and Steve Reynolds (both from NRC's Region III)

NRC's Brian Wittick already left on Saturday, April 9.

LIA02

ppp/752

From: RST06 Hoc
Sent: Monday, April 11, 2011 2:55 AM
To: Holonich, Joseph; Uhle, Jennifer
Subject: FW: NRC's Daily Assessment of Conditions at Fukushima Daiichi
Attachments: NRC Daily Assessment of Daiichi - 4-11-11.pdf

FYI

From: RST01 Hoc
Sent: Monday, April 11, 2011 2:53 AM
To: RST08 Hoc; RST07 Hoc; RST06 Hoc
Subject: NRC's Daily Assessment of Conditions at Fukushima Daiichi

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From: Salay, Michael
Sent: Monday, April 11, 2011 2:50 AM
To: Jaczko, Gregory
Cc: Borchardt, Bill; Weber, Michael; Virgilio, Martin; Casto, Chuck; Leeds, Eric; RST01 Hoc
Subject: NRC's Daily Assessment of Conditions at Fukushima Daiichi

Dear Chairman,

Attached please find the NRC Japan Team's Daily Assessment of conditions at the Fukushima Daiichi nuclear power plants and spent fuel pools. There are no changes of note today.

If you have any questions, please don't hesitate to ask.

Best regards,
Mike Salay
NRC Japan Team

PPP/753

NRC's Daily Assessment of Conditions at Fukushima Daiichi Nuclear Power Plant

Unit 1		Today	Yesterday
Vessel	Cooling	Challenged	Challenged
		↔	↔
	Integrity	Intact	Intact
		↔	↔
Containment	Flooding	Inc./Needed	Inc./Needed
		↔	↔
	Integrity	Challenged	Challenged
		↔	↔
Spent Fuel Pool	Cooling/Level	Adequate	Adequate
		↔	↔
	Integrity	Intact	Intact
		↔	↔

Unit 2		Today	Yesterday
Vessel	Cooling	Challenged	Challenged
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Containment	Flooding	Inc./Needed	Inc./Needed
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Spent Fuel Pool	Cooling/Level	Adequate	Adequate
		↔	↔
	Integrity	Intact	Intact
		↔	↔

Unit 3		Today	Yesterday
Vessel	Cooling	Adequate	Adequate
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Containment	Flooding	Challenged	Challenged
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Spent Fuel Pool	Cooling/Level	Challenged	Challenged
		↔	↔
	Integrity	Challenged	Challenged
		↔	↔

Unit 4		Today	Yesterday
Spent Fuel Pool	Cooling/Level	Challenged	Challenged
		↔	↔
	Integrity	Failed	Failed
		↔	↔

		Today	Yesterday
Protective Measures	Exposure Risk	Low	Low
		↔	↔

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From: ET02 Hoc
Sent: Saturday, April 09, 2011 8:59 AM
To: ET07 Hoc
Subject: FW: NRC's Daily Assessment of Conditions at Fukushima Daiichi
Attachments: NRC Daily Assessment of Daiichi - 4-9-11.pdf

From: ET01 Hoc
Sent: Saturday, April 09, 2011 8:59:05 AM
To: ET02 Hoc
Subject: FW: NRC's Daily Assessment of Conditions at Fukushima Daiichi
Auto forwarded by a Rule

From: Weber, Michael
Sent: Saturday, April 09, 2011 8:59:04 AM
To: ET01 Hoc; ET05 Hoc
Cc: OST02 HOC; PMT01 Hoc; RST01 Hoc; LIA06 Hoc; LIA08 Hoc
Subject: FYI - NRC's Daily Assessment of Conditions at Fukushima Daiichi
Auto forwarded by a Rule

From: Salay, Michael
To: Salay, Michael; Jaczko, Gregory
Cc: Borchardt, Bill; Weber, Michael; Virgilio, Martin; Casto, Chuck; Leeds, Eric; RST01 Hoc
Sent: Sat Apr 09 02:38:34 2011
Subject: NRC's Daily Assessment of Conditions at Fukushima Daiichi

Dear Chairman,

Attached please find the NRC Japan Team's Daily Assessment of conditions at the Fukushima Daiichi nuclear power plants and spent fuel pools. There are no changes of note today.

If you have any questions, please don't hesitate to ask.

Best regards,
Mike Salay
NRC Japan Team

PPP/754

NRC's Daily Assessment of Conditions at Fukushima Daiichi Nuclear Power Plant

Unit 1		Today	Yesterday
Vessel	Cooling	Challenged	Challenged
		↔	↓
	Integrity	Intact	Intact
		↔	↔
Containment	Flooding	Inc./Needed	Inc./Needed
		↔	↔
	Integrity	Challenged	Challenged
		↔	↔
Spent Fuel Pool	Cooling/Level	Adequate	Adequate
		↔	↔
	Integrity	Intact	Intact
		↔	↔

Unit 2		Today	Yesterday
Vessel	Cooling	Challenged	Challenged
		↔	↓
	Integrity	Failed	Failed
		↔	↔
Containment	Flooding	Inc./Needed	Inc./Needed
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Spent Fuel Pool	Cooling/Level	Adequate	Adequate
		↔	↔
	Integrity	Intact	Intact
		↔	↔

Unit 3		Today	Yesterday
Vessel	Cooling	Adequate	Adequate
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Containment	Flooding	Challenged	Challenged
		↔	↔
	Integrity	Failed	Failed
		↔	↔
Spent Fuel Pool	Cooling/Level	Challenged	Challenged
		↔	↔
	Integrity	Challenged	Challenged
		↔	↔

Unit 4		Today	Yesterday
Spent Fuel Pool	Cooling/Level	Challenged	Challenged
		↔	↔
	Integrity	Failed	Failed
		↔	↔

		Today	Yesterday
Protective Measures	Exposure Risk	Low	Low
		↔	↔

Methodology for Developing the Fukushima Daiichi Daily Assessment Report

PURPOSE: The report is prepared to provide a qualitative high level assessment of daily conditions at Fukushima Daiichi that the U.S. Ambassador can use to assess the safety of American citizens in Japan.

DISCLAIMER: The development of the daily assessment report includes a number of inputs. Some of these are objective, such as plant data provided by TEPCO, while others are subjective, such as engineering insights from the NRC's reactor and protective measures specialists in Japan. It should be recognized that there are many unknowns and uncertainties associated with having a complete understanding of conditions in each of the Daiichi reactors and spent fuel pools. As such, this tool represents the collective judgment of the NRC staff in Japan based on all available data.

For each of the major plant parameters listed below, the NRC staff assesses its status daily and bins it into one of the three categories listed. The staff uses the listed plant information and conditions in making its assessment. The arrows on the report indicate the relative trend in plant conditions from the previous day.

1. Reactor Pressure Vessel
    a. Cooling – Adequate, Challenged, or Inadequate.
        i. Flow or Injection Rate
        ii. Reliability of Injection
        iii. Source of Water
    b. Integrity – Intact, Challenged, or Failed.
        i. Temperature indications
        ii. Pressure readings
2. Primary Containment
    a. Flooding Status – Complete/Not needed, Challenged, or Incomplete/Needed.
        i. Water Level
        ii. Sources
        iii. Injection capacity/rate
    b. Integrity - Intact, Challenged, or Failed.
        i. Pressure readings
        ii. Bypass evaluations
        iii. Temperature indications
3. Spent Fuel Pools
    a. Cooling/Level – Adequate, Challenged, or Inadequate.
        i. Flow or Injection Rate
        ii. Reliability of Injection
        iii. Source of Water
    b. Integrity – Intact, Challenged, or Failed. Due to limited available data, this assessment relies strongly on the NRC team's engineering judgment.
4. Protective Measures – Exposure Risk to American citizens in Japan outside the U.S. government's recommended 50-mile evacuation zone.
    a. Low – 50-mile recommendation remains sufficient
    b. Medium – New information has raised questions regarding the sufficiency of the 50-mile recommendation.
    c. High – 50-mile recommendation is no longer sufficient due to changing plant condition

From:	Weber, Michael
Sent:	Saturday, April 09, 2011 8:59 AM
To:	ET01 Hoc; ET05 Hoc
Cc:	OST02 HOC; PMT01 Hoc; RST01 Hoc; LIA06 Hoc; LIA08 Hoc
Subject:	FYI - NRC's Daily Assessment of Conditions at Fukushima Daiichi
Attachments:	NRC Daily Assessment of Daiichi - 4-9-11.pdf

From: Salay, Michael
To: Salay, Michael; Jaczko, Gregory
Cc: Borchardt, Bill; Weber, Michael; Virgilio, Martin; Casto, Chuck; Leeds, Eric; RST01 Hoc
Sent: Sat Apr 09 02:38:34 2011
Subject: NRC's Daily Assessment of Conditions at Fukushima Daiichi

Dear Chairman,

Attached please find the NRC Japan Team's Daily Assessment of conditions at the Fukushima Daiichi nuclear power plants and spent fuel pools. There are no changes of note today.

If you have any questions, please don't hesitate to ask.

Best regards,
Mike Salay
NRC Japan Team

From: OST05 Hoc
Sent: Monday, April 11, 2011 2:29 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: EDO Update
Attachments: EDO Update

App/755

From: Fuller, Edward
Sent: Monday, April 11, 2011 8:40 AM
To: RST01 Hoc; Dube, Donald; Norton, Charles
Cc: RST06 Hoc; Mrowca, Lynn
Subject: RE: ET Question - FUKUSHIMA DAI ICHI UNIT 2 ACCIDENT DESCRIPTION

Rick,

I will start looking at the Unit 3 Excel file soon. When I previously looked at it I had noticed some surprising information that requires some thought to decipher.

Ed

-----Original Message-----
From: RST01 Hoc
Sent: Monday, April 11, 2011 8:00 AM
To: Fuller, Edward; Dube, Donald; Norton, Charles
Cc: RST06 Hoc
Subject: ET Question - FUKUSHIMA DAI ICHI UNIT 2 ACCIDENT DESCRIPTION

Ed/Don/Chuck,

Marty Virgilio has asked if the RST has performed an analysis similar to this Unit 2 analysis on Unit 3. What is our opinion of the status of Unit 3? Response requested sometime early this week. Thanks!

Rick Hasselberg
RST Coordinator

-----Original Message-----
From: Dorsey, Cynthia
Sent: Saturday, April 09, 2011 7:47 PM
To: RST01 Hoc
Subject: FW: FUKUSHIMA DAI ICHI UNIT 2 ACCIDENT DESCRIPTION

-----Original Message-----
From: CDD@NRC.GOV [mailto:cdd@nrc.gov]
Sent: Saturday, April 09, 2011 7:43 PM
To: Dorsey, Cynthia
Subject: FUKUSHIMA DAI ICHI UNIT 2 ACCIDENT DESCRIPTION

PPP/756

From: RST01 Hoc
Sent: Monday, April 11, 2011 8:00 AM
To: Fuller, Edward; Dube, Donald; Norton, Charles
Cc: RST06 Hoc
Subject: ET Question - FUKUSHIMA DAI ICHI UNIT 2 ACCIDENT DESCRIPTION
Attachments: Document.pdf

Ed/Don/Chuck,

Marty Virgilio has asked if the RST has performed an analysis similar to this Unit 2 analysis on Unit 3. What is our opinion of the status of Unit 3? Response requested sometime early this week. Thanks!

Rick Hasselberg
RST Coordinator

-----Original Message-----
From: Dorsey, Cynthia
Sent: Saturday, April 09, 2011 7:47 PM
To: RST01 Hoc
Subject: FW: FUKUSHIMA DAI ICHI UNIT 2 ACCIDENT DESCRIPTION

-----Original Message-----
From: CDD@NRC.GOV [mailto:cdd@nrc.gov]
Sent: Saturday, April 09, 2011 7:43 PM
To: Dorsey, Cynthia
Subject: FUKUSHIMA DAI ICHI UNIT 2 ACCIDENT DESCRIPTION

Fukushima Dai Ichi Unit 2 Accident Description

Subsequent to the earthquake and resulting tsunami on March 11, 2011, all power was lost to Unit 2 (among others) and there was no way to provide makeup water to remove the decay heat following reactor shutdown at 14:46. All ac power sources were lost at 15:42, and a high-pressure station blackout situation resulted. The RCIC system was activated shortly thereafter, and water level was controlled in the RPV until all backup battery were exhausted, at about noon on March 14th. From then on, a severe accident began, during which the core was uncovered, the drywell was pressurized and vented, the RPV was breached, and a hydrogen burn likely occurred in the reactor building, possibly damaging the torus. Timing of the significant events is shown in Table 1.

Event	Day	Hour	Remarks
Reactor shut down	3/11	14:46	
All ac power lost	3/11	15:42	
RCIC initiated	3/11	15:42	
RCIC lost	3/14	10:30	Water level starts dropping at this time.
TAF uncovered	3/14	16:20	
Sea water injection initiated	3/14	16:34	
S/RV opened	3/14	17:52	Approximate time. The RPV pressure drops rapidly from 7350 kPag to 540k Pag by 20:00
Water 4 meters below TAF	3/14	19:00	This time is approximate.
First pour of core debris into lower plenum	3/14	20:32	Steam spike results in RPV, to 1440 kPag
Second pour into lower plenum	3/14	22:50	RPV pressure peaks at 3150 kPag
Drywell pressure reaches 750 kPaa	3/14	23:45	Pressure is about 110 psia (125 psig)
Drywell vent opened	3/14	24:00	Venting to avert catastrophic containment failure.
Third pour into lower plenum	3/15	0:08	A vessel breach may have occurred here, because the RPV pressure and drywell pressure wer the same after the steam spike ended.
High radiation in drywell	3/15	1:53	This is a signal that the RPV was breached. The radiation level then dimished, probably because airborne fission products were venting into the reactor building.
Abnormal sound in reactor building near suppression pool	3/15	6:00	This was probably due to a hydrogen burn in the reactor building.
Drywell pressure begins to drop	3/15	11:25	Pressure dropped to aboud 1.6 bars.
Temporary pressure increase in drywell (radiation level jumps)	3/15	13:00	Radiation level had dropped after initial jump at 1:53. Following 13:00, it remained high. The vessel probably was breached at this time, because the RPV pressure quickly dropped to atmospheric levels and remained

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Ed Fuller
Don Dube

			there at least to 3/24.. The pressure rose to about 4 bars and then decreased to 2.4 bars.
Another temporary pressure increase in drywell	3/16	5:35	More core debris poured out, this time all the way into the pedestal region. The 2.1 bar pressure spike to 4.5 bars was probably caused by molten core/water interactions.

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From: Hackett, Edwin
Sent: Monday, April 11, 2011 8:40 AM
To: RST01 Hoc; RST06 Hoc; Brown, Michael; Norton, Charles; RST08 Hoc
Subject: FW: [WARNING: MESSAGE ENCRYPTED]TEPCO Flooding Analyses

More info from ACRS Member Dr. Rempe

From: Joy L Rempe [Joy.Rempe@inl.gov]
Sent: Monday, April 11, 2011 2:26 AM
To: jeffrey.mittman@nrc.gov; Hackett, Edwin
Subject: [WARNING: MESSAGE ENCRYPTED]TEPCO Flooding Analyses

One last present... this may be of interest to your questions about site flooding.due to the tsunami.

Joy

[cid:_2_053BED58053BE6F800236BF98725786F]

PPP/757

From: Weber, Michael
Sent: Monday, April 11, 2011 4:07 PM
To: Carpenter, Cynthia
Cc: Dyer, Jim; ET05 Hoc; ET01 Hoc; OST02 HOC; Doane, Margaret; Mamish, Nader; FOIA Response.hoc Resource
Subject: FYI - Nuclear science group call - OUO
Attachments: Trip Notes.doc

Here are Pete Lyons' summary notes from his trip to Japan last week. They are labeled OUO.

-----Original Message-----
From: Lyons, Peter [mailto:Peter.Lyons@Nuclear.Energy.gov]
Sent: Monday, April 11, 2011 2:08 PM
To: Adams, Ian; Aoki, Steven; Binkley, Steve; Brinkman, Bill; Budnitz, Bob; Butnitz, Bob (pacbell.net); Finck, Phillip; Garwin, Dick (EOP); Garwin, Dick (IBM); Grossenbacher, John (INL); Hurlbut, Brandon; Kelly, John E (NE); Lee, Richard; McFarlane, Harold; Miller, Neile; Mustin, Tracy; Peterson, Per; Sheron, Brian; Steve Fetter; Szilard, Ronaldo; Owens, Missy
Cc: Smith, Haley; Chambers, Megan (S4); Narendra, Blake; Fitzgerald, Paige; Pitzer, Karrie S.
Subject: RE: Nuclear science group call - Today at 5:00pm EDT

Of possible interest, attached are my rough trip notes from last week in Japan.

-----Original Message-----
From: Adams, Ian
Sent: Monday, April 11, 2011 10:20 AM
To: Adams, Ian; Aoki, Steven; Binkley, Steve; Brinkman, Bill; Budnitz, Bob; Butnitz, Bob (pacbell.net); Finck, Phillip; Garwin, Dick (EOP); Garwin, Dick (IBM); Grossenbacher, John (INL); Hurlbut, Brandon; Kelly, John E (NE); Lee, Richard (NRC); Lyons, Peter; McFarlane, Harold; Miller, Neile; Mustin, Tracy; Peterson, Per; Sheron, Brian; Steve Fetter; Szilard, Ronaldo; Owens, Missy
Cc: Smith, Haley; Chambers, Megan (S4); Narendra, Blake; Fitzgerald, Paige; Pitzer, Karrie S.
Subject: Nuclear science group call - Today at 5:00pm EDT

Good morning,

Moving forward, we are going to do science group conference calls three times a week - on Monday, Tuesday, and Thursday at 5:00pm EDT. There will be a call this afternoon.

Please let me know if you have conflicts with this time.

Nuclear science group conference call schedule:
Monday, Tuesday, Thursday: 5:00pm EDT

Conference call information:
Please dial into (202) 586-2535
No PIN is needed.

Thanks
Ian

PPP/758

From: Adams, Ian
Sent: Wednesday, March 30, 2011 3:46 PM

To: Adams, Ian; Adams, Ian; Aoki, Steven; Binkley, Steve; Brinkman, Bill; Budnitz, Bob; Butnitz, Bob (pacbell.net); Finck, Phillip; Garwin, Dick (EOP); Garwin, Dick (IBM); Grossenbacher, John (INL); Hurlbut, Brandon; Kelly, John E (NE); Lee, Richard (NRC); Lyons, Peter; McFarlane, Harold; Miller, Neile; Mustin, Tracy; Peterson, Per; Sheron, Brian; Steve Fetter; Szilard, Ronaldo; Owens, Missy
Cc: Smith, Haley; Chambers, Megan (S4); Narendra, Blake; Fitzgerald, Paige; Pitzer, Karrie S.
Subject: Nuclear science group call - Today at 5:00pm EDT

Good afternoon,

Just a reminder, today's call will take place at 5:00pm EDT. Thursday's call will be at 4:00pm EDT.
Friday's call will now take place at 6:15pm EDT.

Please let me know if you have conflicts with those times.

Thanks,
Ian

Nuclear science group conference call schedule:
Wednesday 3/30: 5:00pm-6:00pm EDT
Thursday 3/31: 4:00pm-5:00pm EDT
Friday 4/1: 6:15pm-7:15pm EDT

Conference call information:
Please dial into (202) 586-2535
No PIN is needed.

From: Adams, Ian
Sent: Tuesday, March 29, 2011 6:55 PM
To: Adams, Ian; DL-NITsolutions; Owens, Missy
Cc: Smith, Haley; Chambers, Megan (S4); Narendra, Blake; Fitzgerald, Paige
Subject: Nuclear science group call schedule

Good afternoon,

Wednesday's call will take place at 5:00pm EDT. Thursday's call will move earlier, to 4:00pm EDT.
Friday's call will take place at 5:45pm EDT.

Please let me know if you have conflicts with those times.

Thanks
Ian

Nuclear science group conference call schedule:
Wednesday 3/30: 5:00pm-6:00pm EDT
Thursday 3/31: 4:00pm-5:00pm EDT
Friday 4/1: 5:45pm-6:45pm EDT

Conference call information:
Please dial into (202) 586-2535
No PIN is needed.

From: Adams, Ian
Sent: Monday, March 28, 2011 4:32 PM
To: DL-NITsolutions; Owens, Missy
Cc: Smith, Haley; Chambers, Megan (S4); Narendra, Blake; Fitzgerald, Paige
Subject: Quick science group call today - 7:00pm EDT

Good afternoon,

Dr. Holdren would like to pull everyone who is available together today at 7:00pm EDT for a few minutes. This is to discuss a technical question before a recommendation is made.

Apologies for the short notice - don't worry if you aren't able to make it, but for those of you who are able, we will have a brief call today from 7:00-7:15pm EDT.

Tomorrow's call will still take place as scheduled, at 4:45pm EDT. Wednesday's call will take place at 5:00pm EDT

Thanks
Ian

Nuclear science group conference call schedule:
Monday 3/28: 7:00pm-7:15pm EDT
Tuesday 3/29: 4:45pm-5:45pm EDT
Wednesday 3/30: 5:00pm-6:00pm EDT

Conference call information:
Please dial into (202) 586-2535
No PIN is needed.

Ian Adams
Office of the Secretary
Department of Energy
(202) 586-9585
ian.adams@hq.doe.gov

From: LIA02 Hoc
Sent: Monday, April 11, 2011 2:24 PM
To: LIA08 Hoc; LIA03 Hoc; LIA10 Hoc
Subject: FW: Travel Reservation April 12 for GARCHOW

From: RMTPACTSU_AC [mailto:RMTPACTSU_AC@ofda.gov]
Sent: Monday, April 11, 2011 2:24 PM
To: Garchow, Steve
Cc: LIA02 Hoc; Kozal, Jason
Subject: FW: Travel Reservation April 12 for GARCHOW

From: YOUR TRAVEL CONSULTANT [mailto:no-reply@virtuallythere.com]
Sent: Monday, April 11, 2011 9:30 AM
To: rmtpactsu=ac@ofda.gov; travel; steve.garchow@nrc.gov
Subject: Travel Reservation April 12 for GARCHOW

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Click here to access your reservation on the web or a mobile device.

Virtually There® allows you to review or print your reservations, as well as:

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- Review city guides & restaurant recommendations
- Get up-to-date weather and much more!

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PPP/79

https://www.virtuallythere.com/new/reservationsChron.html?host=1W&pnr=DW2BGHH7N6IQ&name=GARCHOW&language=0&email=2

Please do not reply to this e-mail. Your Travel Consultant has not provided Virtually There with an e-mail address to which replies may be sent. If you have questions, please contact your Travel Consultant through other means.

From: LIA02 Hoc
Sent: Monday, April 11, 2011 3:28 PM
To: LIA08 Hoc; LIA03 Hoc; LIA10 Hoc
Subject: FW: STILL IN JAPAN

From: ET02 Hoc
Sent: Monday, April 11, 2011 3:28 PM
To: LIA02 Hoc
Subject: STILL IN JAPAN

Steve:
Can you check to see or do you know if John Monninger and Jack Ramsey are or are not still in Japan? Thanks...karen

PPP/760

From: LIA02 Hoc
Sent: Monday, April 11, 2011 2:11 PM
To: LIA08 Hoc; LIA03 Hoc; LIA10 Hoc
Subject: FW: Travel Reservation April 12 for MOORE

From: RMTPACTSU_AC [mailto:RMTPACTSU_AC@ofda.gov]
Sent: Monday, April 11, 2011 2:10 PM
To: Moore, Carl
Cc: LIA02 Hoc; Kozal, Jason
Subject: FW: Travel Reservation April 12 for MOORE

From: YOUR TRAVEL CONSULTANT [mailto:no-reply@virtuallythere.com]
Sent: Monday, April 11, 2011 12:08 PM
To: RMTPACTSU_AC; travel
Subject: Travel Reservation April 12 for MOORE

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PPP/761

https://www.virtuallythere.com/new/reservationsChron.html?host=1W&pnr=ALIDMOM457NR&name=MOORE&language=0&email=2

Please do not reply to this e-mail. Your Travel Consultant has not provided Virtually There with an e-mail address to which replies may be sent. If you have questions, please contact your Travel Consultant through other means.

From: LIA02 Hoc
Sent: Monday, April 11, 2011 2:07 PM
To: LIA08 Hoc; LIA03 Hoc; LIA10 Hoc
Subject: FW: Travel Reservation April 12 for GEPFORD

From: RMTPACTSU_AC [mailto:RMTPACTSU_AC@ofda.gov]
Sent: Monday, April 11, 2011 2:07 PM
To: Gepford, Heather
Cc: LIA02 Hoc; Kozal, Jason
Subject: FW: Travel Reservation April 12 for GEPFORD

From: YOUR TRAVEL CONSULTANT [mailto:no-reply@virtuallythere.com]
Sent: Monday, April 11, 2011 12:03 PM
To: travel; RMTPACTSU_AC
Subject: Travel Reservation April 12 for GEPFORD

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If the above link is inactive, please paste this URL into your browser to access your reservations:

PPP/762

https://www.virtuallythere.com/new/reservationsChron.html?host=1W&pnr=KB2CG535E8L6&name=GEPFORD&language=0&email=2

Please do not reply to this e-mail. Your Travel Consultant has not provided Virtually There with an e-mail address to which replies may be sent. If you have questions, please contact your Travel Consultant through other means.

From: LIA02 Hoc
Sent: Monday, April 11, 2011 2:00 PM
To: LIA08 Hoc; LIA03 Hoc; LIA10 Hoc
Subject: FW: Lists

From: Kreuter, Jane
Sent: Monday, April 11, 2011 2:00 PM
To: LIA02 Hoc
Subject: RE: Lists

thanks

From: LIA02 Hoc
Sent: Monday, April 11, 2011 1:56 PM
To: Kreuter, Jane
Subject: Lists

PPP/763

From: OST05 Hoc
Sent: Monday, April 11, 2011 9:01 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: Daily: 3 New Items from Monday, April 11, 2011
Attachments: Daily: 3 New Items from Monday, April 11, 2011

PPP/764

From: LIA06 Hoc
Sent: Tuesday, April 12, 2011 2:22 PM
To: LIA08 Hoc
Subject: FW: 2011 Japan Response State Call - scheduled regardless of potential government shutdown

Importance: High

Liaison Team Director
U.S. Nuclear Regulatory Commission
Operations Center

From: Turtil, Richard
Sent: Tuesday, April 12, 2011 2:22 PM
To: CDC IMS State Coordination Task Force
Cc: Milligan, Patricia; Browder, Rachel; Piccone, Josephine; LIA06 Hoc; LIA08 Hoc; Wright, Lisa (Gibney)
Subject: RE: 2011 Japan Response State Call - scheduled regardless of potential government shutdown
Importance: High

CDC/HHS:

Patricia Milligan will be the NRC presenter on this evening's call. (Not Rachel Browder).

Thank you.

Richard Turtil, Chief
Intergovernmental Liaison Branch
Office of Federal and State Materials and Environmental Management Programs
U.S. Nuclear Regulatory Commission
301-415-2308
800-368-5642

-----Original Appointment-----
From: CDC IMS State Coordination Task Force [mailto:eocstatecoord@cdc.gov]
Sent: Friday, April 08, 2011 3:15 PM
To: Boedigheimer, Steven F. (CDC/OPHPR/DSLR); Rogers, Barbara A. (CDC/OD/OADP); Stevens, Sheila (ATSDR/OPPE); CDC IMS Current Ops Lead -2; 2011 Japan Earthquake (CDC); CDC IMS JIC Community Outreach/Education -2; Davis, Mark A. (CDC/ONDIEH/NCIPC); Talbert, Todd (CDC/OPHPR/DSLR); Doan, Stephanie (CDC/ONDIEH/NCEH); Bushong, Erica L. (CDC/OPHPR/DSLR); Marrone, Ashley A. (CDC/OID/NCEZID); Pippin, Roger L. (CDC/OPHPR) (CTR); Bryant, Jeffrey (Jeff) (CDC/OPHPR/DSLR); Allred, Phillip M. (Mike) (CDC/ONDIEH/NCEH); Jones, Robert L. (CDC/ONDIEH/NCEH); Kapil, Vikas (CDC/ONDIEH/NCEH); Russell, Elizabeth B. (ACF); White, Jonathan D. (ACF); Sadovich, Juliana (ACF); Jones, Robin (ACF); Verbeten, John E. (FDA/ORA/ORO); Jackson, Leeanne (FDA/CFSAN/OCD); Russo, Mark R. (FDA/OC/OCTC); Muldoon, Molly V. (FDA/OC); Leblanc, Pamela (FDA/CFSAN/OCD); El Hinnawy, Patricia C. (FDA/OC/OEXA); Delancey,

PPP/765

From: ET02 Hoc
Sent: Tuesday, April 12, 2011 7:01 AM
To: ET07 Hoc
Subject: FW: FYI - Draft Global Assessment slides
Attachments: JapenGlobalAssessment.pptx

From: ET01 Hoc
Sent: Tuesday, April 12, 2011 7:00:31 AM
To: ET02 Hoc
Subject: FW: FYI - Draft Global Assessment slides
Auto forwarded by a Rule

From: Weber, Michael
Sent: Tuesday, April 12, 2011 7:00:28 AM
To: ET05 Hoc; ET01 Hoc; OST02 HOC
Subject: FYI - Draft Global Assessment slides
Auto forwarded by a Rule

From: Casto, Chuck
Sent: Tuesday, April 12, 2011 6:09 AM
To: HOO Hoc; Wiggins, Jim
Cc: Virgilio, Martin; Jaczko, Gregory; Weber, Michael; Hay, Michael; Bernhard, Rudolph; Collins, Elmo; Blamey, Alan
Subject: Draft Global Assessment slides

Folks,

Attached is a very draft presentation that we would use to brief out the content of our Global Assessment. It needs some context placed around it, so we can brief you on that soonest. This will accompany the Global Assessment. That Assessment is almost complete and will follow soon. Meanwhile this presentation represents the insights from it.

We had a Tasker to develop a presentation for VIPs.....this would serve as the content of that presentation.....

Casto

PPP/766

NRC GLOBAL ASSESSMENT of FUKUSHIMA EVENT

Background

- Consortium of U.S. nuclear organizations completed assessment
  - NRC; Department of Energy; Naval Reactors; Institute of Nuclear Power Operations; Electric Power Research Institute; General Electric
- Collaborated to complete technical assessments for safety issues for reactors and spent fuel pools
- All major assessments completed
- Provided results to TEPCO and NISA

Assessment Conclusions

- PARs remain conservative through all scenarios
  - Tokyo is not seriously threatened
- Unknown Ocean impacts
- Active releases ongoing
- Static but fragile accident conditions
- Mitigating features temporary and highly unconventional

Assessment Conclusions

- Timeline for action short upon loss of injection – less than 10 hours for Unit 1
- Fuel Damage estimates: U-1 67%; U-2 44%; U-3 30% (est.)
- Reliance on steam cooling for reactors
- Current situation results in a 1-10 to 1-100 probability of release
- Current situation could be improved to 1-1000 or greater by flooding
- Flooding reduces consequences by one-to-two orders of magnitude
- Containment flooding remains primary suggestion
- Feed and bleed assessment recommends more actions to mitigate additional events

Assessment Conclusions

- Stability requires more actions
  - Diversity and redundancy in feeding system
  - Automation of Giraffes and feeding systems
  - Additional feeding system injection points
  - Additional venting system
  - Completing actions to Phase 1 and Phase 2 stability
  - Procedures and training

From: Muessle, Mary
Sent: Tuesday, April 12, 2011 1:59 PM
To: Vietti-Cook, Annette; ET05 Hoc
Cc: Weber, Michael; Bubar, Patrice; Andersen, James; Merzke, Daniel
Subject: RE: Follow up to Document Request from Commissioner Assistants Briefing on Japan Sunday April 10

Will do Annette. Just a note that that we will be prepared to brief the Secretary of State should she visit Japan and request it. We are not aware that anything is firmly scheduled.

Mary Muessle
Assistant for Operations - Acting
Office of the Executive Director for Operations
U.S. Nuclear Regulatory Commission
301-415-1703 office
301-415-2700 fax

From: Vietti-Cook, Annette
Sent: Tuesday, April 12, 2011 10:33 AM
To: Muessle, Mary; ET05 Hoc
Cc: Weber, Michael; Bubar, Patrice
Subject: Follow up to Document Request from Commissioner Assistants Briefing on Japan Sunday April 10

I have been asked by the Commission offices to follow up on a document request from the Subject Commissioner Assistants Briefing on Japan. The Commission offices requested documents that are being shared with other agencies and were referred to on the call:

Global Assessment that will be shared with Secretary Clinton as part of her visit

Criteria for temporary reentry into the evacuation zone

Criteria for permanent reentry into the evacuation zone

Can you please assist in providing this information to the Commission offices?

PPP/767

From: Weber, Michael
Sent: Tuesday, April 12, 2011 2:00 PM
To: Vietti-Cook, Annette
Cc: Bubar, Patrice; Muessle, Mary; ET05 Hoc; ET01 Hoc; OST02 HOC; FOIA Response.hoc Resource; Andersen, James; Dyer, Jim
Subject: RESPONSE - Follow up to Document Request from Commissioner Assistants Briefing on Japan Sunday April 10

Mary is working on this with the Ops Center, so we should be able to provide the documents promptly. One clarification that I would offer – Chuck Casto and the Japan Site Team are developing slides on the global assessment. I'm not aware that a "Global Assessment" exists at this time; I understand that it is being developed, but it is quite preliminary. In addition, we do not know whether Chuck and the team will have the opportunity to interact with the Secretary of State, let alone share with her the Global Assessment. Consequently, in response to the first request, we can provide the first draft of slides on the Global Assessment, recognizing that they are quite preliminary and have not been fully vetted. The other two requests should be easily fulfilled.

From: Vietti-Cook, Annette
Sent: Tuesday, April 12, 2011 10:33 AM
To: Muessle, Mary; ET05 Hoc
Cc: Weber, Michael; Bubar, Patrice
Subject: Follow up to Document Request from Commissioner Assistants Briefing on Japan Sunday April 10

I have been asked by the Commission offices to follow up on a document request from the Subject Commissioner Assistants Briefing on Japan. The Commission offices requested documents that are being shared with other agencies and were referred to on the call:

Global Assessment that will be shared with Secretary Clinton as part of her visit

Criteria for temporary reentry into the evacuation zone

Criteria for permanent reentry into the evacuation zone

Can you please assist in providing this information to the Commission offices?

PPP/768

From: LIA08 Hoc
Sent: Saturday, April 16, 2011 4:16 AM
To: OST01 HOC
Cc: Johnson, Michael
Subject: RE: April 15 - 2300EDT One-Pager - Fukushima Daiichi

Hi Nick,
Input from LT is provided below:
Thanks,
Rani

LT Overview and Priorities
- The Cabinet meetings in Japan are now being held on just Tuesday/Thursday. To support these meetings, the consortium calls will move to Monday and Wednesday at 2000 (EDT).
- Site Team has been experiencing some internet difficulties. To help resolve the issue, the AT& T air cards were reactivated.
- Mark Shaffer requested support for Under Secretary Hormat's (DOS) meeting with Chinese Vice Minister regarding the nuclear situation in Japan. Referred to OIP for guidance,
- As of Saturday 4/16/11 the Liaison Team will be responsible for the revision and distribution of the NRC Daily Status Update.
- FSME now has the lead on the 2000 HHS call with 50 states and federal partners.
- Mark Schaffer (at IAEA) has requested permission to share the NRC SitRep with the Chinese government, OIP (Kirk Foggie/Steve Bloom are working). Followed-up with an email to Steve and Kirk at 03:00 on 4/16 advising against sharing a document that U.S. States and other international stakeholders have been denied.
- SEN Markey's office: One outstanding question "was there a pressure vessel rupture on unit 2"? GEH is performing analysis. RST provided GEH analysis to LT, and LT forwarded the analysis by email to OCA to follow-up with SEN Markey's staff. ET requested advice from OC on how to proceed.
- LT requested Steve Reynolds of the Japan Site Team to facilitate transferring the role for ***leading*** the Consortium calls to the Embassy, since the Embassy now owns, maintains, and distributes the list in advance of each call.

Liaison Team Coordinator
US Nuclear Regulatory Commission
email: lia08.hoc@nrc.gov
Desk Ph: 301-816-5185

From: OST01 HOC
Sent: Friday, April 15, 2011 10:58 PM
To: Jaczko, Gregory; Virgilio, Martin; Weber, Michael; Boger, Bruce; Johnson, Michael; Zimmerman, Roy; Uhle, Jennifer; Tracy, Glenn; Wiggins, Jim; Carpenter, Cynthia; Moore, Scott
Cc: Pace, Patti; Batkin, Joshua; Gibbs, Catina; Speiser, Herald; Hipschman, Thomas; Marshall, Michael; Castleman, Patrick; Snodderly, Michael; Franovich, Mike; RST01 Hoc; Hoc, PMT12; LIA08 Hoc
Subject: April 15 - 2300EDT One-Pager - Fukushima Daiichi

Attached, please find the 2300 EDT, April 15, 2011, Briefing Sheet (One Pager).

Please note that this information is "Official Use Only."

PPP/769

From: CARLSON WAGONLIT TRAVEL <no-reply@virtuallythere.com>
Sent: Friday, April 22, 2011 10:22 AM
To: Merritt, Christina; Holahan, Patricia
Subject: Travel Reservation May 02 for HOLAHAN

Your Travel Arranger is pleased to deliver your complete travel itinerary through Sabre® Virtually There®.

Click here to access your reservation on the web or a mobile device.

Virtually There® allows you to review or print your reservations, as well as:

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CLICK HERE to opt out of receiving future e-mails from Virtually There.

If the above link is inactive, please paste this URL into your browser to access your reservations:

https://www.virtuallythere.com/new/reservationsChron.html?host=1W&pnr=DL2AHD41QNGC&name=HOLAHAN&language=0&email=2

Please do not reply to this e-mail. Your Travel Consultant has not provided Virtually There with an e-mail address to which replies may be sent. If you have questions, please contact your Travel Consultant through other means.

CARLSON WAGONLIT TRAVEL
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prop/770

Lee, Richard

From: Kelly, John E (NE) [JohnE.Kelly@Nuclear.Energy.Gov]
Sent: Thursday, April 28, 2011 9:19 AM
To: Lee, Richard
Subject: RE: Answers for the questions on Fukushima Daiich NPS

No – I don't think we sent any more

From: Lee, Richard (NRC)
Sent: Thursday, April 28, 2011 8:36 AM
To: Kelly, John E (NE)
Subject: RE: Answers for the questions on Fukushima Daiich NPS

John:

Thanks for the info. Did you send more questions to Japan AEC for discussions today? If you did, may I have a copy of it. Appreciate it.

Richard

From: Kelly, John E (NE) [mailto:JohnE.Kelly@Nuclear.Energy.Gov]
Sent: Wednesday, April 27, 2011 2:48 PM
To: Lee, Richard
Subject: FW: Answers for the questions on Fukushima Daiich NPS

Can't remember if I sent you this

From: 熊野　裕美子 [mailto:kumano.yumiko@tepco.co.jp]
Sent: Thursday, April 14, 2011 9:04 AM
To: Kelly, John E (NE)
Cc: akira.omoto@cao.go.jp; minematsu.akiyoshi@tepco.co.jp; shirakawa.t@tepco.co.jp; fukuda.toshihiko@tepco.co.jp; kumiaki.moriya.xk@hitachi.com; masuda.takahiro@tepco.co.jp; 立岩　健二; suzuki.shunichi@tepco.co.jp; mizokami.shinya@tepco.co.jp; fukaya.yuichi@tepco.co.jp; takamori.kenrou@tepco.co.jp; watanabe.norio@jaea.go.jp; 尾本 彰; 川野　晃; shunsuke.kondo@gmail.com; ichii-naoto@meti.go.jp; Onishi, Yasuo; fumihiko.ishibashi@toshiba.co.jp; shoichiro.kinoshita.cr@hitachi.com; hirohide.oikawa@toshiba.co.jp
Subject: Answers for the questions on Fukushima Daiich NPS

Dear Mr. Kelly,

This is Kumano from TEPCO.
In advance to the telephone meeting with you and TEPCO for today at 8pm EDT (9am JST Fri 4/15), I'd like to send you answers and some additional information about our plant status.
Also,a list of technical questions is attached which TEPCO would like to have assistance from the DOE.
Could you please distribute attached files to your colleagues who would join the meeting?
I hope we will have good discussion on the meeting.

Best regards,
Yumiko Kumano

****
Yumiko Kumano

PPP\771

Transport Engineering Group,
Nuclear Fuel Cycle Department,
Tokyo Electric Power Company (TEPCO)

TEL: +81-3-6373-5446
FAX: +81-3-3596-8545
****
(Text data is attached below.)

4/14/2011 TEPCO

Answers for the questions on Fukushima Daiichi Plants from DOE

Any information on the questions below will be used to refine analysis and options studies. These questions are motivated to help improve analysis in four key areas: reactor status, long-term passive cooling options, spent-fuel pool analysis, and wastewater treatment.

Reactor Status Analysis

1. Do you have any data for sensors (pressure, water temperature, etc.) from the start of the accident (March 11) through the first days of the accident?
   →At this time we don't have any data for the first day of the accident. After second day, we have some limited and even unreliable data like drywell pressure, reactor water level and so on. Trend data is attached in Attachment 1.

2. Is any more information on nitrogen injection available for units 1F1, 1F2, and 1F3 including volume injected (at STP?) and resulting pressure increases?
   →We're operating nitrogen injection for unit 1 with total amount of injection reaching around 5000m3. Nitrogen injected boosted drywell pressure to 200kPa(abs) from 150kPa(abs). Drywell pressure seemed stabilized at 200kPa even though nitrogen injection continued and data is shown in Attachment 2.
   Nitrogen injection for unit #2 and 3 will be scheduled with considering the lessons learned from unit #1 injection.

3. In the call on 4/11/2011, it was indicated that there were several (perhaps 3 SRVs that vent to the dry well and one relief valve that vented to the wet well). Is that correct?
   →1u: 4 SRVs to S/C, 3 SVs to D/W
   2u: 8 SRVs to S/C, 3 SVs to D/W
   3u: 8 SRVs to S/C, 3 SVs to D/W

4. Boron was added to injected water during injection (both sea water and fresh water) according to several reports. Is this correct? What form of boron was used? Do you have an estimate for the amount? This is being used to assess water chemistry and pH.
   →We had added boron into Unit 1-3 reactor vessels. The amount and its form of boron poured into water is listed as bellow;
   #1 : 800kg , NaB_5O_8-$5H_2O$ (poured into sea water)
   #2 : 160kg , H_3BO_3 (poured into fresh water)
   #3 : 1420kg , NaB_5O_8-$5H_2O$(poured into sea water)
   Note that not all the amount of boron could have reached into the reactor vessels.
   For spent fuel pools, we haven't added any boron after the earthquake although Borated aluminum alloy is used as material for #1-3 SFP fuel racks.

5. Is there a table (or spreadsheet) of anticipated releases that supported the increase in accident severity level?

Long-term passive cooling options (see Attachment 3)

6. Would you consider using water-jet drilling as a means to gain access to the dry well for water injection?
   →Water-jet drilling was considered as one of the option for opening R/B, but it was not realized due to high dose rate around the building.

Spent Fuel Pool Analysis

7. Are there any observations (even from workers) on the status of SFP #4 between the earthquake and the explosion in unit 4?
   →The only data which TEPCO has is water temperature measured at 4:08 AM on March 14th. The data indicated 84 degrees Celsius.

8. Is there any indication of water in the bottom of the drywell or below the pool in unit #4 that would indicate a seal failure or pool leak?
   →There is no clear indication of seal failure or pool leakage. After water injection into the SFP#4 on April 3rd , several workers heard the sound of running water in #4 reactor building. We do not know that the sound came from water of pool leak or water that missed SFP.
   Recently, many aftershocks have happened, we recognize it's important to confirm the soundness of seal and pool.

9. Is there any video or observation of the time during initial water injection into the SFP#4. Did it steam?
   →First spray to SFP#4 was executed in March 20, steam from unit4 was not changed after the spray. Therefore, water level of SFP#4 might be above top of fuel at March 20.

10. What do you know about the physical status of the fuel and racks in U3 and U4 SFPs
    →We have not seen the physical status of the fuel rods and racks in #3 and #4 SFPs directly since the earthquake. We recently performed radionuclide analysis of #4SFP water. The result is as bellow;
    Cs134: 8.7E+1 Bq/cm3
    Cs137: 9.3E+1 Bq/cm3
    I131: 2.2E+2 Bq/cm3
    The radioactivity is not so high, but it is higher than that of normal SFP. The result shows that most of stored fuel rods in #4 SFP are sound but we cannot rule out the possibility that small portion of fuel rods are damaged.

11. Have you deployed any radiation monitoring equipment around the SFPs and reactors with the intention of detecting a criticality excursion, should one occur?
    →We do not have any radiation monitoring equipment around the SFPs and reactors with the intention of detecting a criticality excursion. We have some neutron monitors around the site border

Water treatment approach

12. From the earlier call on 4/11, several steps for treatment were outlined. Pump out water from turbine building to another building onsite
    - Separate oil from oil/seawater mixture
    - Reduce cesium and iodine in seawater
    - Obtain cesium adsorption tanks
    - Perform reverse osmosis to recover fresh water
    - Recycle back to reactor

    Is this correct?
    →Water from turbine building will be processed in the following steps.
    - Separate oil from oil/seawater mixture
    - Reduce cesium in seawater
    - Obtain cesium, iodine (technetium) adsorption tanks
    - Perform reverse osmosis and evaporation to recover fresh water
    - Recycle back to reactor

13. What is the preferred separation technology for each contaminant?
    a. Oil
    b. Cesium
    c. Iodine

    The Department of Energy (DOE) has experience using activated carbon to absorb the organic materials (hydrocarbons and tributyl phosphate). DOE experience is that if activated carbon is used, radionuclides absorb onto this material and can become a radiological hazard for processing and disposal. Iodine and probably silver will be absorbed. DOE also has experience with silver mordenite for iodine removal

    →a. Several methods such as using AC and setting are considered for organic materials removal.

    b. Two methods are considered for cesium removal.
        1) co-precipitation and flocculation method
        2) demineralized method by using the zeolite

    c. The absorption method by using the silver impregnated zeolite is considered.

14. Can you please clarify the desired cesium and iodine concentrations in the product exiting the decontamination process. (it was understood to be 0.0001 Becquerel/L. To achieve this, it is our understanding that a decontamination factor of about 10,000,000 is necessary for Unit 2 turbine water.)

    →Ideally, 0.00001 Becquerel/L is desired. It is very hard, however, so 0.0001 Becquerel/L is realistic target.

15. Please describe the cesium adsorption tanks and the process planned to remove cesium. DOE experience has been to remove cesium through ion exchange using various resins or zeolite media.

    →The demineralizer system applied for the treatment of liquid radioactive waste after TMI-2 accident is considered. The zeolite media which can be used in the sea water is used as an inorganic ion exchanger.

16. What is the current flow sheet configuration, and are there other configurations of equipment or processes that have been considered? For example, has reverse osmosis been considered as a first step to reduce exposure and loading for the ion exchange operations (as opposed to the last step)?

    →Equipments and processes have been considered, and we think that the current flow sheet configuration is better than others. We will use Reverse osmosis in the final step before circulating the water into RPV.

17. Please clarify the volume of water to be treated (it is understood that there is 25,000 pounds of water in each of the turbine buildings).
→See Attachment 4.

18. The contaminated water will be pumped out of the turbine building into another building onsite for interim storage. What is the name and location of that building? Will there be any modifications to this building prior to interim storage?
→Concentrated radioactive waste treatment building is considered as a building for interim storage of contaminated water. The location of the building is close to Unit 4. In advance to the transfer of contaminated water, TEPCO is conducting repair work of the building so that the building can safely store contaminated liquid.

19. Please describe the characteristics of the contaminated water. Have analyses of any of the following been completed?
    d. Chemical analysis - (anion and cation), pH, dissolved oxygen concentration.
    e. Radiochemical analysis - particulate sampling - alpha and gamma spec. and elemental analysis, alpha and gamma spectroscopy for dissolved species, make-up (liquid, debris, inorganic solids, organic matter), dose rates

    →d, e: Gamma spectroscopy for dissolved species was conducted, but other analyses have not been conducted yet. We are planning the analyses.

20. Please describe the facility layouts and available areas for retrieval/treatment system installation.
    f. Available staging and work areas
    g. Radiological conditions
    h. Remote operation requirements

    →See Attachment 4 and 5

Additional information:
Attachment 6: Enhancement of reactor injection reliability

Requests for assistance from the DOE

1. Assessment of Long Term Passive Cooling
- Please modify your calculation by incorporating various design information that we have provided with you.
- Please make suggestions on what measures should be taken if we were to set a target of achieving passive cooling in 6 months from now.
- Please first make an assessment for 1F-1 with the following simplifying assumptions:
  a. No water injection into the RPV.
  b. No leakage from the PCV.
  c. RPV and PCV are connected.
  d. RPV is flooded up to TAF.
  e. PCV temperature is homogenous.

If you need more unit-specific data, please use those of Millstone-1 as a starter and modify the model as we provide you with those of 1F-1.

2. Water Treatment Methodology
- Please provide us with suggestions on methodologies on storage and disposal of high-level radioactive waste water and sludge. Please provide us with relevant experience at TMI-2.
- Please provide us with suggestions on methodologies on realistic pre-treatment procedure for contaminated water in interim storage tanks.

3. De-fueling

- Please provide us with methodologies on criticality assessment of spent fuels and debris placed in storage casks based on experience at TMI-2: for example, how do you evaluate the amount of fissile materials in the debris?
- Please provide us with methodologies on assessment and monitoring of hydrogen generated during storage of spent fuels and debris.

OIP_ITServices Resource

From: Bloom, Steven
Sent: Friday, April 29, 2011 6:55 AM
To: OIP_ITServices Resource
Subject: FW: TEPCO Earthquake Information Update on April 28: Deployment of Robots at Fukushima Daiichi

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From: LIA02 Hoc [mailto:LIA02.Hoc@nrc.gov]
Sent: Thursday, April 28, 2011 4:53 PM
To: Bloom, Steven
Subject: FW: TEPCO Earthquake Information Update on April 28: Deployment of Robots at Fukushima Daiichi

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From: Hidehiko Yamachika[SMTP:YAMACHIKA-HIDEHIKO@JNES-USA.ORG]
Sent: Thursday, April 28, 2011 4:52:41 PM
To: LIA02 Hoc
Cc: Aono, Kenjiro; Michael W. Chinworth
Subject: FW: TEPCO Earthquake Information Update on April 28: Deployment of Robots at Fukushima Daiichi
Auto forwarded by a Rule

FYI

This is from TEPCO Washington Office.

From: 松尾　建次(wash) [mailto:matsuo.kenji@wash.tepco.com] **On Behalf Of** matsuo.kenji@tepco.co.jp
Sent: Thursday, April 28, 2011 4:35 PM
To: Kenji Matsuo
Subject: TEPCO Earthquake Information Update on April 28: Deployment of Robots at Fukushima Daiichi

Dear Friends,

TEPCO has been planning to use robots to reduce radiation dose and improve efficiency at the work site. Some robots have already been introduced for debris removal work.
Please see below for details.

Contacts:
TEPCO Washington Office : 202-457-0790
Kenji Matsuo, Director and General Manager
Yuichi Nagano, Deputy General Manager,
Masayuki Yamamoto, Manager, Nuclear Power Programs

TEPCO has been planning to use robots to reduce radiation dose and improve efficiency at the work site. Some robots have already been introduced for debris removal work.
The followings are the latest status of TEPCO's robot deployment plan/results.

(1) Unmanned debris removal heavy equipment applying robotics.

PPP/772

Unmanned debris removal heavy equipment applying robotics

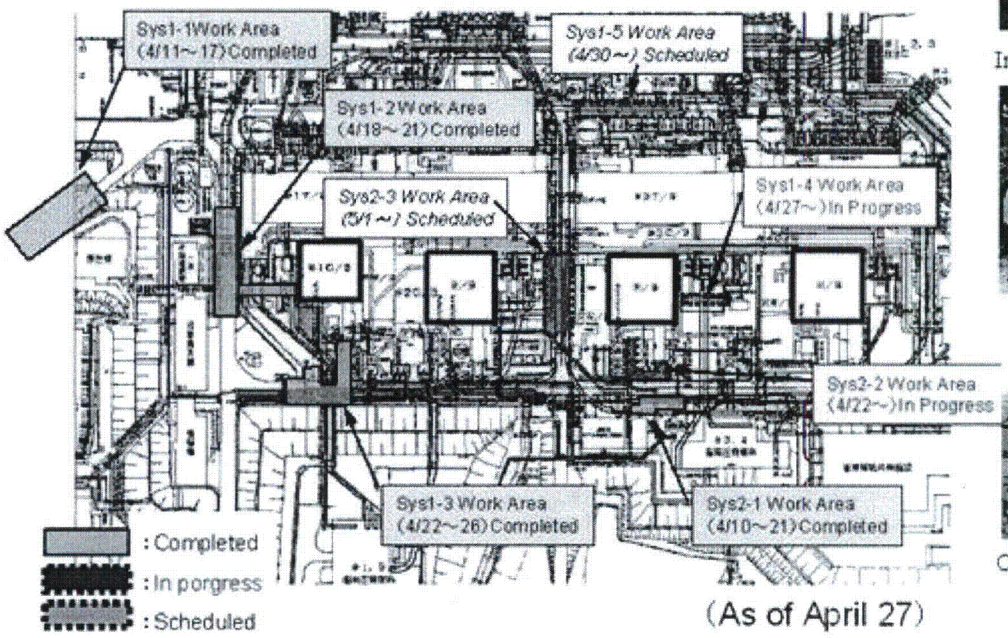
■Contractor: Joint Venture of 3 construction companies Taisei, Kajima and Shimizu

■Equipment

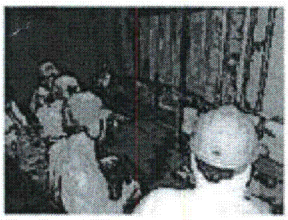
●Komatsu･･･Hydraulic Loading Shovel x3, Crawler Dump Truck x2

●Hitachi Construction･･･Crawler Dump Truck x1

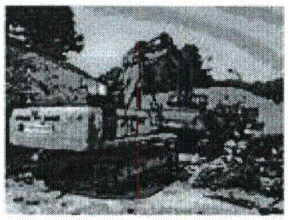
●Caterpillar Japan･･･ Hydraulic Loading Shovel x1, Bulldozer x1



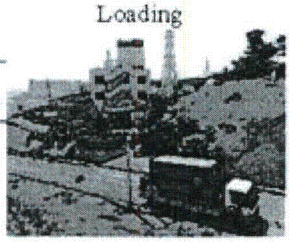
(As of April 27)



Inside of Operation Vehicle



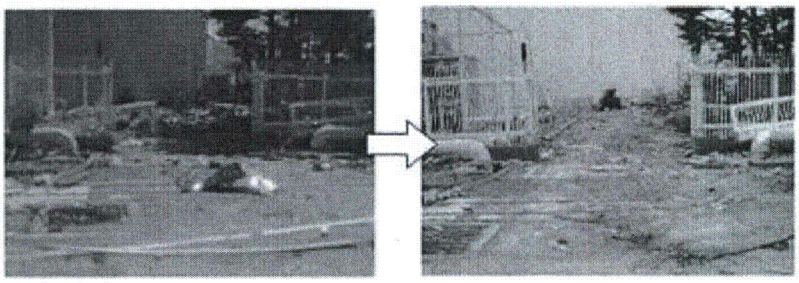
Loading



Operating Vehicle in the field

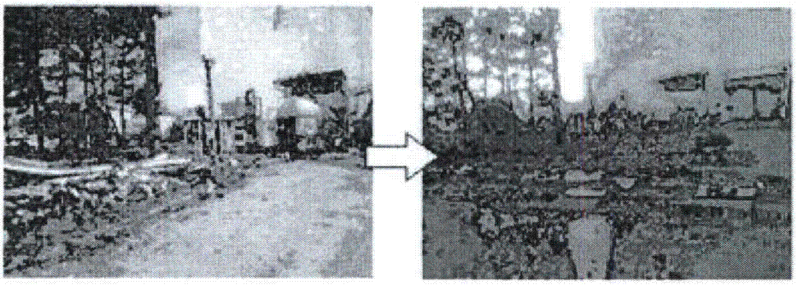
Result of Debris Removal

◆Sys1-2 : Unit 1 Reactor Building North (4/18～21)



Bofore After

◆Sys1-3 : Unit 1 Reactor Building West (4/22～26)



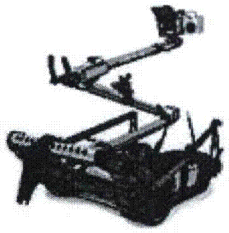
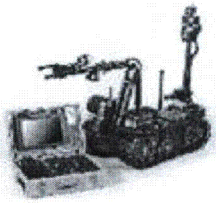
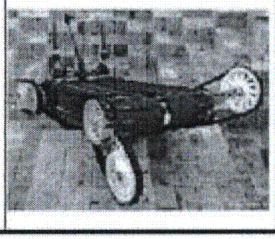
Before After

63 Containers of Debris have been removed from the field. (as of April 28)

Size of container: 3.2m × 1.6m × 1.1m

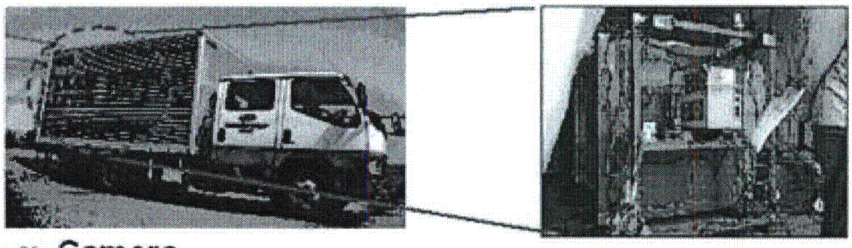
(2) Small robots for monitoring purpose

Deployment of various robots

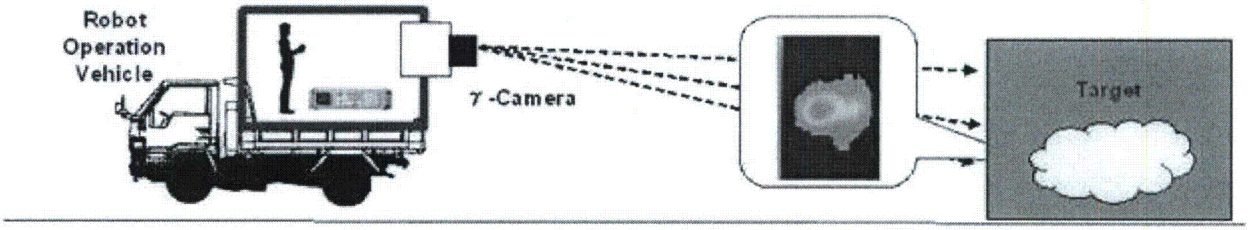
Vender	Model			April	After May	Application
iRobot	Packbot		① ②	In use@Site [Result] 4/1: Field debris photographing near Unit 3 4/17-18: Units 1~3, field investigation of Reactor Buildings 4/26: Unit 1 investigation of Reactor Building		Monitoring in and out of the buildings
QinetiQ (DOE)	Talon		①	Training Conditioning 4/14: Arrived in Tsukuba 4/22: Training started at Onahama 4/27: Combining with Robot Operating Vehicle 4/End: Final adjustment	→Scheduled to use	Planning to use for field survey (Mapping function)
Chiba Institute of Technology, Tohoku Univ. Etc.	Quince			Training Conditioning Operability confirmation and conditioning (4/11,15,21,26)	→In Preparation	Planning to use for field survey

Robot Operation System（「TEAM NIPPON」）

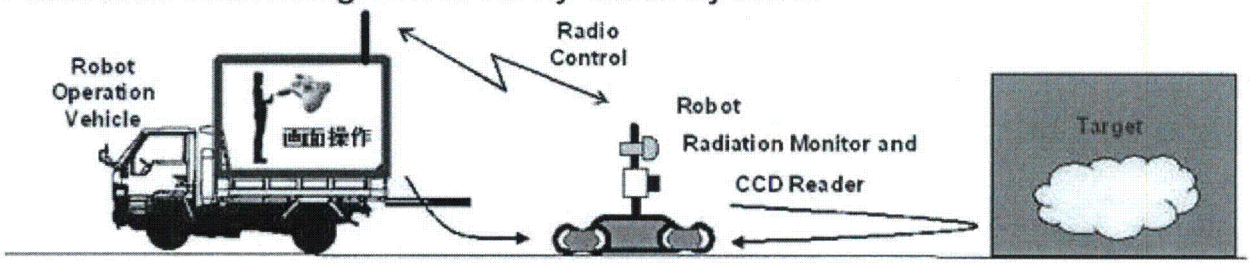
Project being developed by the Japan Atomic Energy Agency (JAEA)



1. Radiation monitoring by γ-Camera



2. Radiation monitoring and/or safety check by robot

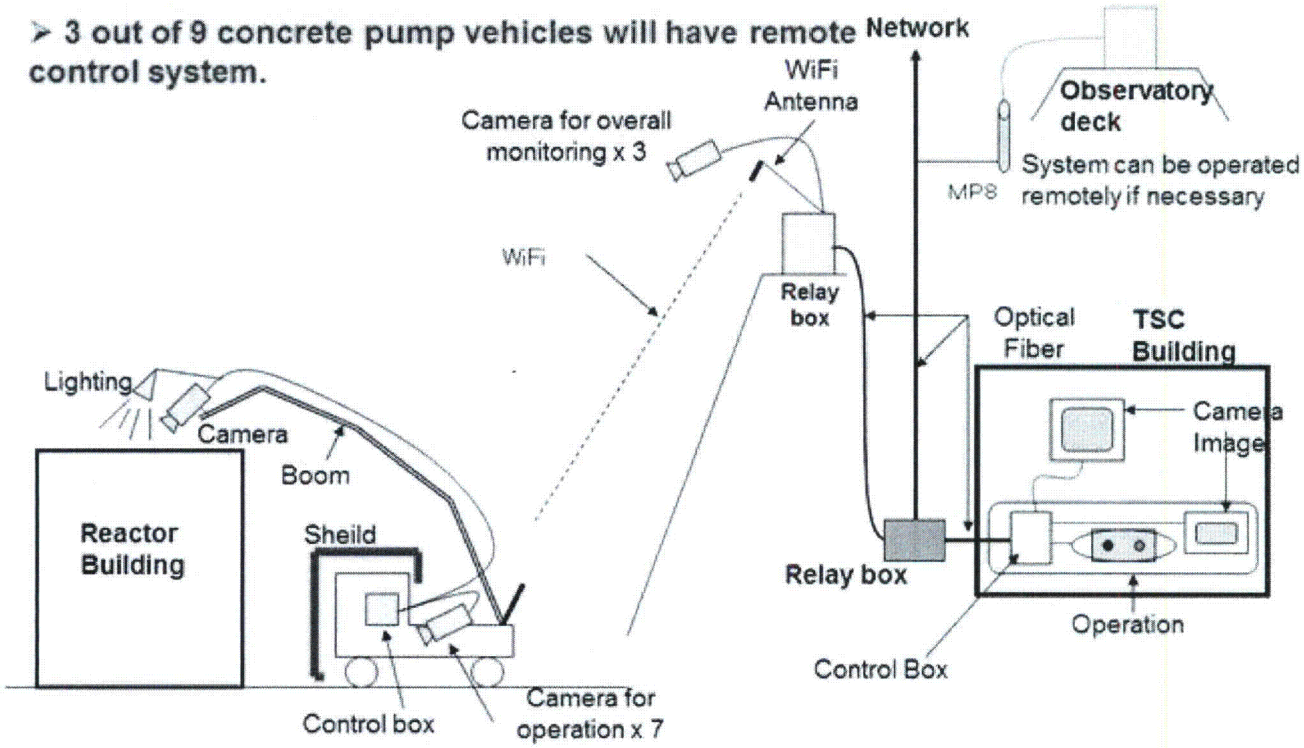


(3) Unmanned operation of concrete pump vehicles for water spray to spent fuel pool.

Remote Control of Concrete Pump Vehicle (Unmanned operation)

Remote control of the boom, water injection and camera image transmission.

- **3 out of 9 concrete pump vehicles will have remote control system.**



<Links>

- TEPCO English website
  http://www.tepco.co.jp/en/nu/fukushima-np/index-e.html
- METI(Ministry of Economy Trade and Industry)
  http://www.meti.go.jp/english/index.html
- NISA(Nuclear and Industrial Safety Agency) http://www.nisa.meti.go.jp/english/
- JAIF(Japan Atomic Industrial Forum Inc.)
  http://www.jaif.or.jp/english/
- FEPC(The Federation of Electric Power Companies of Japan)
  http://www.fepc.or.jp/english/index.html

Lee, Richard

From: Correia, Richard
Sent: Saturday, April 30, 2011 3:36 PM
To: Skeen, David; Marksberry, Don; Tracy, Glenn
Cc: Coe, Doug; Demoss, Gary; Lee, Richard; Jackson, Karen; Hogan, Rosemary
Subject: RE: Question from NISA on reporting to the IAEA

Thanks Dave. I fully support your recommendations.

thank you Don for responding so quickly and thoroughly!

rich

Rich Correia, PE
Director
Division of Risk Analysis
RES
US NRC

From: Skeen, David
Sent: Saturday, April 30, 2011 3:29 PM
To: Correia, Richard; Marksberry, Don; Tracy, Glenn
Cc: Coe, Doug; Demoss, Gary; Lee, Richard; Jackson, Karen; Hogan, Rosemary
Subject: RE: Question from NISA on reporting to the IAEA

I agree we shouldn't just pass along Don's notes as written below.

I will assign a tasker to the LT to provide a final response by Wednesday evening. On Monday, the LT could work with Don and glean the essential information from Don's notes to pass along to Steve Reynolds whatever we know as interim information. They can also reach out to IAEA via OIP.

From: Correia, Richard
Sent: Saturday, April 30, 2011 3:16 PM
To: Marksberry, Don; Skeen, David; Tracy, Glenn
Cc: Coe, Doug; Demoss, Gary; Lee, Richard; Jackson, Karen; Hogan, Rosemary
Subject: Re: Question from NISA on reporting to the IAEA

Thanks Don. This information is very useful.

Dave. Glenn. I would propose to have OIP reach out to IAEA and ask them what historical information that have relative to TMI. It may be faster than searching around NRC for someone that might have different information than what Don has found thus far. I would also recommend we send Steve Reynolds what Don has provided here only as "this is what we know to date but we are continuing to search for more information". Steve can advise NISA as he feels is prudent but I would be careful not to give NISA Don's notes as written.

Thoughts?
Rich

Rich
Richard Correia, Director
Division of Risk Analysis

PPP/773

RES

Sent from a Blackberry

From: Marksberry, Don
To: Correia, Richard
Cc: Coe, Doug; Demoss, Gary; Skeen, David; Lee, Richard; Jackson, Karen; Hogan, Rosemary
Sent: Sat Apr 30 10:01:02 2011
Subject: RE: Question from NISA on reporting to the IAEA Rich

I don't remember that IAEA was into incident notification and response until post Chernobyl. After TMI-2, an IAEA expert group was formed and establishes international guidelines on emergency planning and response. After Chernobyl, the Convention on Early Notification of a Nuclear Accident and the Convention on Assistance in the Case of Nuclear Accident or Radiological Emergency were established.

Neither the Kemeny Commission nor the Rogovin reports mention "IAEA" or "international," except for the routine (annual) exchange of operating experience information via IAEA and the international media response to the accident. (Kemeny Commission - Report Of The Public's Right To Information Task Force quoted: "Instead of a regional story, TMI quickly became a national and international story which attracted a worldwide press corps numbering at any one time from 300 to 500 journalists, including reporters from Japan, France, Sweden, West Germany, Italy, Spain, and Great Britain.") In addition, none of the NRC investigations and actions NUREGs (e.g., 0578, 0585, 0600, 0616, 0660, 0737) mentioned IAEA or international.

Ops Center transcripts for the first 6 days of Executive Management Team meetings (Commission meetings were recorded in the Ops Center and H-Street) did not mentioned IAEA or international.

Daily Preliminary Notifications (PNs) were issued (see attached), but I'm not sure about the distribution (I've never seen any NRC press releases). I believe that International programs was part of state programs at the time.

The two people who may remember what happened in the Op Center during TMI-2 are Karen Jackson (NSIR) and Tom McKenna (retired NRC, IAEA response manager--- Tom was mentioned in a recent e-mail from IAEA working on a RASCAL run). Rosemary Hogan was the liaison team coordinator for awhile following Chernobyl. Bob Senseney (retired a few months ago from the DOS) was the OIP guy during TMI and Chernobyl.

Don

(I also found one of the early public statements of core melt at TMI-2---seven year later).

From: Correia, Richard
Sent: Saturday, April 30, 2011 7:35 AM
To: Marksberry, Don; Demoss, Gary; Coe, Doug
Cc: Skeen, David
Subject: Fw: Question from NISA on reporting to the IAEA

Don. Can you assist with the Nisa questions below? Don't start answering them but just let me know if you feel you have the information to answer it or you know who would have the information. We'll decide would will answer after that. Many thanks. Rich Richard Correia, Director Division of Risk Analysis RES

Sent from a Blackberry

From: Reynolds, Steven
To: RST01 Hoc; LIA08 Hoc; LIA07 Hoc
Cc: Casto, Chuck; Mitchell, Matthew; Young, Francis; Skeen, David; Tracy, Glenn; Correia, Richard
Sent: Fri Apr 29 22:05:12 2011
Subject: Question from NISA on reporting to the IAEA We received the following question from NISA.

After the TMI accident, what was reported to the IAEA about the accident, who reported it (e.g., NRC, TMI operator, other US government agency), when was it reported (how long after the accident), and how was it reported?

Can you have someone get back to us with the answer?

Thanks,

Steve

March 28, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67

This preliminary notification constitutes EARLY notice of event of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff on this date.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania
(Docket No. 50-320)

Subject: REACTOR SCRAM FOLLOWED BY A SAFETY INJECTION AT THREE MILE ISLAND - UNIT 2

The licensee notified Region I at approximately 7:45 AM of an incident at Three Mile Island Unit 2 (TMI-2) which occurred at approximately 4:00 AM at 98% power when the secondary feed pumps tripped due to a feedwater polishing system problem. This resulted in a turbine trip and subsequent reactor trip on High Reactor Coolant Pressure. A combination of Feed Pump Operation and Pressurizer Relief - Steam Generator relief valve operation caused a Reactor Coolant System (RCS) cooldown. At 1600 psig, Emergency Safeguards Actuation occurred. All ECCS components started and operated properly. Water level increased in the Pressurizer and Safety Injection was secured manually approximately 5 minutes after actuation. It was subsequently resumed. The Reactor Coolant Pumps were secured when low net positive suction head limits were approached.

About 7:00 AM, high activity was noted in the RCS Coolant Sample Lines (approximately 600 mr/hr contact readings). A Site Emergency was then declared. At approximately 7:30 AM, a General Emergency was declared based on High Radiation levels in the Reactor Building. At 8:30 AM site boundary radiation levels were reported to not be significant (less than 1 mr/hr). The source of activity was stated to be failed fuel as a result of the transient, and due to a known previous primary to secondary leak in Steam Generator B.

The Region I Incident Response Center was activated at 8:10 AM and direct communications with the licensee and IE:Headquarters was established. The Response Team was dispatched at 8:45 AM and arrived at the site at 10:05 AM.

At 10:45 AM the Reactor Coolant System Pressure was being held at 1950 psig with temperature at 220°F in the cold leg. By 10:45 AM, radiation levels of 3 mr/hr had been detected 500 yards offsite.

CONTINUED

There is significant media interest at the present time because of concern about potential offsite radiation/contamination. The Commonwealth of Pennsylvania and EPA have been informed. Press contacts are being made by the licensee and NRC.

Contact: GKlingler, IE x28019 FNolan, IE x28019 SEBryan, IE x28019

Distribution: Transmitted H St 3:45 ~~3:35~~

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)
Transmitted: MNBB 3:50	P. Bldg 3:40	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 3:58
H. L. Ornstein, EDO	R. C. DeYoung, NRR	
J. J. Fouchard, PA	R. J. Mattson, NRR	
N. M. Haller, MPA	V. Stello, NRR	(MAIL)
R. G. Ryan, OSP	R. S. Boyd, NRR	J. J. Cummings, OIA
H. K. Shapar, ELD	SS Bldg 3:52	R. Minogue, SD
	W. J. Dircks, NMSS	

PRELIMINARY NOTIFICATION

March 29, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67A

This preliminary notification constitutes EARLY notice of event of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff on this date.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND - UNIT 2

This supplements PNO-79-67 dated March 28, 1979.

As of 3:30 p.m., on March 28, 1979, the plant was being slowly cooled down with Reactor Coolant System (RCS) pressure at 450 psi, using normal letdown and makeup flow paths. The bubble has been collapsed in the A Reactor Coolant Loop hot leg, and some natural circulation cooling has been established. Pressurizer level has been decreased to the high range of visible indication, and some heaters are in operation. The secondary plant was being aligned to draw a vacuum in the main condenser and use the A Steam Generator for heat removal. The facility plans to continue a slow (3°F/hr) cooldown, until the Decay Heat Removal System can be placed in operation at 350 psi RCS pressure, 350°F RCS temperature in 15-18 hours.

As of 3:30 p.m., a plume approximately ½ mile wide and reading generally 1 mr/hr was moving to the north of the plant. The ARM's helicopter is being used to define the length of the plume. Airborne iodine levels of up to 1×10^{-8} uCi/ml have been detected in Middletown, Pennsylvania, which is located north of the site.

Media interest is continuing. The Commonwealth of Pennsylvania is being kept informed by plant personnel.

Contact: GKlingler, IE x28019 FNolan, IE x28019 SEBryan, IE x28019

Distribution: Transmitted H St 10:30

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Commissioner Bradford
Commissioner Ahearne
S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)

10:32

Transmitted: MNBB 10:25
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

P. Bldg
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 10:28
W. J. Dircks, NMSS

J. G. Davis, IE
Region I 10:33

(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

March 30, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67B

This preliminary notification constitutes EARLY notice of event of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff on this date.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: Nuclear Incident at Three Mile Island

Plant Status

Three Mile Island Unit 2 is continuing to remove decay heat through A-loop steam generator using one reactor coolant pump in that loop for coolant circulation. The reactor coolant pressure and temperature were stable and under control throughout the night of March 29. There has been some difficulty in maintaining coolant letdown flow due to resistance in the purification filters. The licensee notified IE at about 11:00 p.m. on March 29 that they expected to remain in this cooling mode for at least 24 hours.

The licensee's engineering staff was requested by NRR to obtain a better estimate of the volume of the noncondensible "bubbles" in the reactor coolant system. There are apparently two such bubbles one in the pressurizer that has been intentionally established for control of pressure and level, and one in the reactor vessel head caused by the accumulation of noncondensible gases from failed fuel and radiolytic decomposition of water. The estimate is to be obtained by correlating pressurizer pressure and level indications over the past hours of stable operation. The volume of the bubble in the reactor vessel is of interest in assuring that sufficient volume remains in the upper head for collection of more noncondensible gases arising from continued operation in the present cooling mode as well as to assess the potential for movement of the bubble during a switchover to decay heat removal operation.

The licensee believes it is prudent to remain in the present cooling mode due to the potential for leakage of highly radioactive coolant from the decay heat removal system into the auxiliary building, movement of noncondensible gases into the reactor coolant loop, and boiling in the core when the reactor coolant pump is shut down.

CONTINUED

Fuel Damage

Preliminary assessment of the extent of fuel damage from a reactor coolant sample taken at approximately 5:00 p.m. on March 29 indicates significant releases of iodine and noble gases from the fuel. A 100 milliliter sample taken from the primary coolant system via a letdown line was measured at about 1,000 R/hr on contact (70-80 R/hr at one foot and 10-30 R/hr at three feet). Preliminary analysis of a diluted sample in the IE mobile laboratory indicated fission product concentrations of about 8 x 10^5 microcuries per milliliter. The sample will be flown to Bettis Laboratory for further analysis.

Thermocouple readings of coolant temperature at the outlet of the instrumented fuel assemblies indicate potential local core damage, possibly in one quarter of the total of 177 fuel assemblies and generally in the center of the core. Of the 52 readings at 5:00 a.m. on March 30, one was above the coolant saturation temperature of about 550°F, 7 were above 350°F, and 2 were off-scale, indicating temperatures higher than 700°F. Upon request of NRR, Babcock and Wilcox is developing a procedure for use by the licensee in taking direct potentiometer readings from the off-scale thermocouples since the temperature scale limitation of 700°F is controlled by the process computer, not the thermocouple itself.

Reactor Coolant System (RCS) Parameters

The RCS parameters have remained relatively stable during the period. Gradual RCS cooldown continued to about 1:30 a.m., March 30, when temperature was slightly increased to allow additional margin between RCS operating parameters and Technical Specification minimum pressurization limits. Following are the primary system parameters over this period:

	10:00 a.m. 3/29/79	7:00 p.m. 3/29/79	12:01 a.m. 3/30/79	3:00 a.m. 3/30/79	5:00a.m. 3/30/79
Pressurizer Level (inches)	348	321	326	342	354
Pressurizer Pressure (psi)	863	945	1023	1055	1053
Pressurizer Temperature (°F)	529	542	551	556	557
Loop A Core Inlet Temperature (°F)	281	277	275	278	274
Loop B Core Inlet Temperature (°F)	281	277	275	278	274

CONTINUED

Environmental Status

Two aerial surveys were conducted during the evening of March 29. The first flight was made about 8:15 p.m. during which measurements were taken in a circle around the site with a radius of about eight miles. No defined plume of radioactivity was detected, but residual pockets of radioactivity were identified at various points where the measured levels ranged from .025 to .050 milliroentgens per hours. (Natural background levels are about .005 to .015 milliroentgens per hour.) During the second flight, at about 10:30 p.m., a plume was detected northwest of the plant with a width equal to and confined within the boundaries of the river. The plume was touching down about one mile from the plant at Hill Island and then splitting into two parts - one on each side of Hill Island. Measurements at the east shoreline of the river, opposite Hill Isalnd indicated about four milliroentgens per hour and at the shoreline on mile north of Hill Island near Olmstead Air Force Base about one milliroentgen per hour. Additional measurements at five miles from the plant were on the order of .010 milliroentgens per hour and are in agreement with the earlier flight.

During the early morning hours of March 30, an NRC monitoring team took radiation measurements from a vehicle traveling both sides of the Susquehanna River from 10 miles south of Three Mile Island to 4 miles north. Radiation levels were highest near Cly, a community just south of the facility on the west side of the river. The level at Cly was 0.15 milliroentgen per hour. All other locations had levels less than 0.05 milliroentgens per hour.

Other Information

At approximately 4:00 p.m. on March 29, two employees of Metropolitan Edison Co. received radiation exposures in excess of the quarterly limit of 3 rems. The employees, an operator and a chemist, entered the auxiliary building to collect a sample of primary coolant. Present estimates are that the operator received 3.1 rems and the chemist 3.4 rems.

The licensee released less than 50,000 gallons of slightly contaminated industrial wastes on March 29, 1979. This release was terminated at NRC request at approximately 6:00 p.m., March 29, 1979, because of concerns expressed by state representatives. At about 12:15 a.m. on March 30, NRC gave the licensee permission to resume releases of the slightly contaminated industrial wastes to the Susquehanna River. This action was coordinated with the office of the Governor of Pennsylvania and a press rlease was issued by the State. Representatives of the news media expressed concern that they were not informed of the planned resumption of the release prior to permission having been granted.

CONTINUED

At 8:40 a.m., on March 30 the licensee began venting from the gaseous waste tanks. The impact of this operation is not yet known.

Contact: DThompson, IE x28111; EJordan, IE x 28111

Distribution: Transmitted H St 9:50

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)
Transmitted: MNBB 10:02	P Bldg 10:15	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 10:30
H. L. Ornstein, EDO	R. C. DeYoung, NRR	II, III, IV, V
J. J. Fouchard, PA	R. J. Mattson, NRR	
N. M. Haller, MPA	V. Stello, NRR	(MAIL)
R. G. Ryan, OSP	R. S. Boyd, NRR	J. J. Cummings, OIA
H. K. Shapar, ELD	(SS Bldg 10:42	R. Minogue, SD
	W. J. Dircks, NMSS	

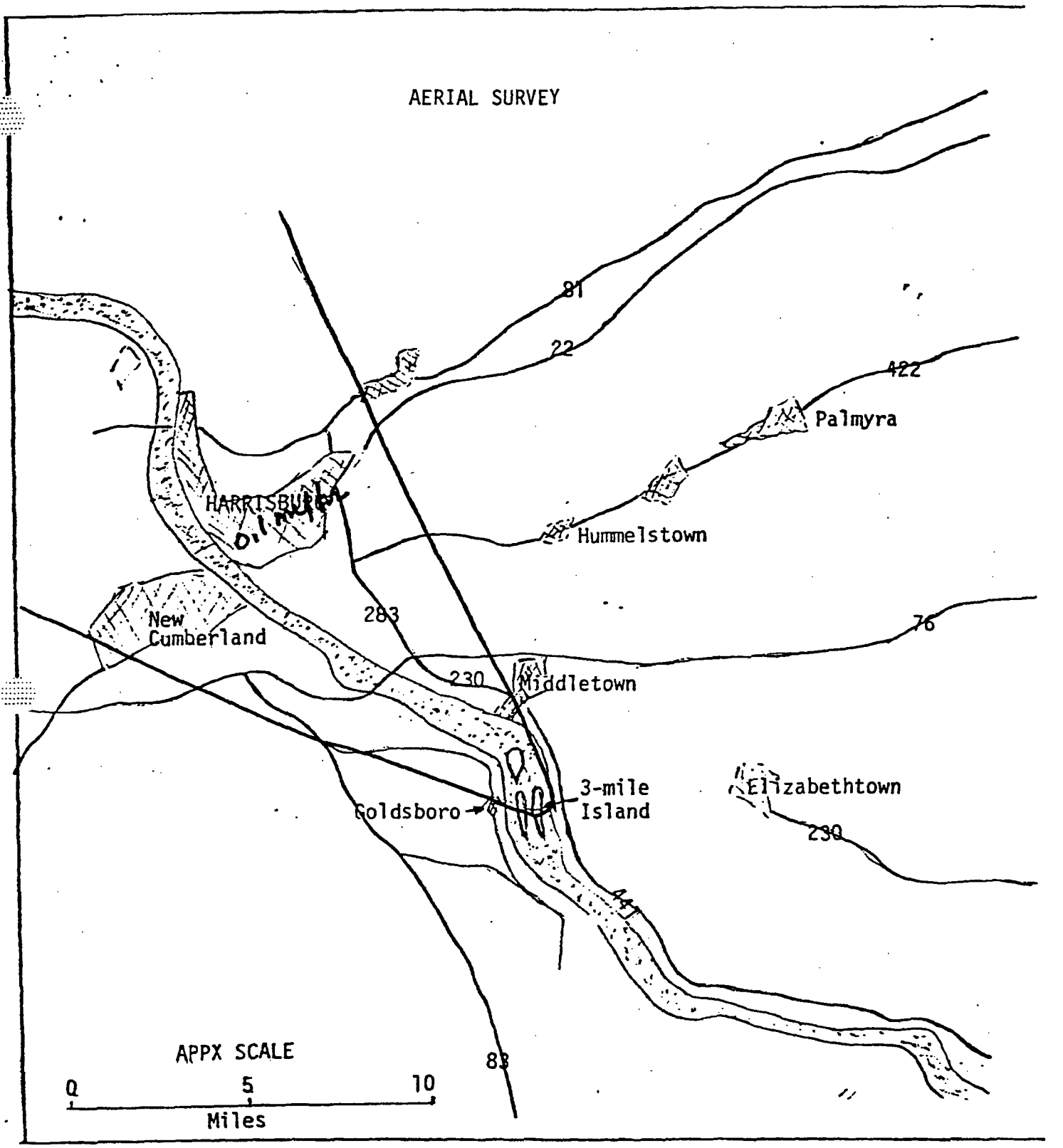
RII: 12:07

RIII: 12:20

RIV: 12:55

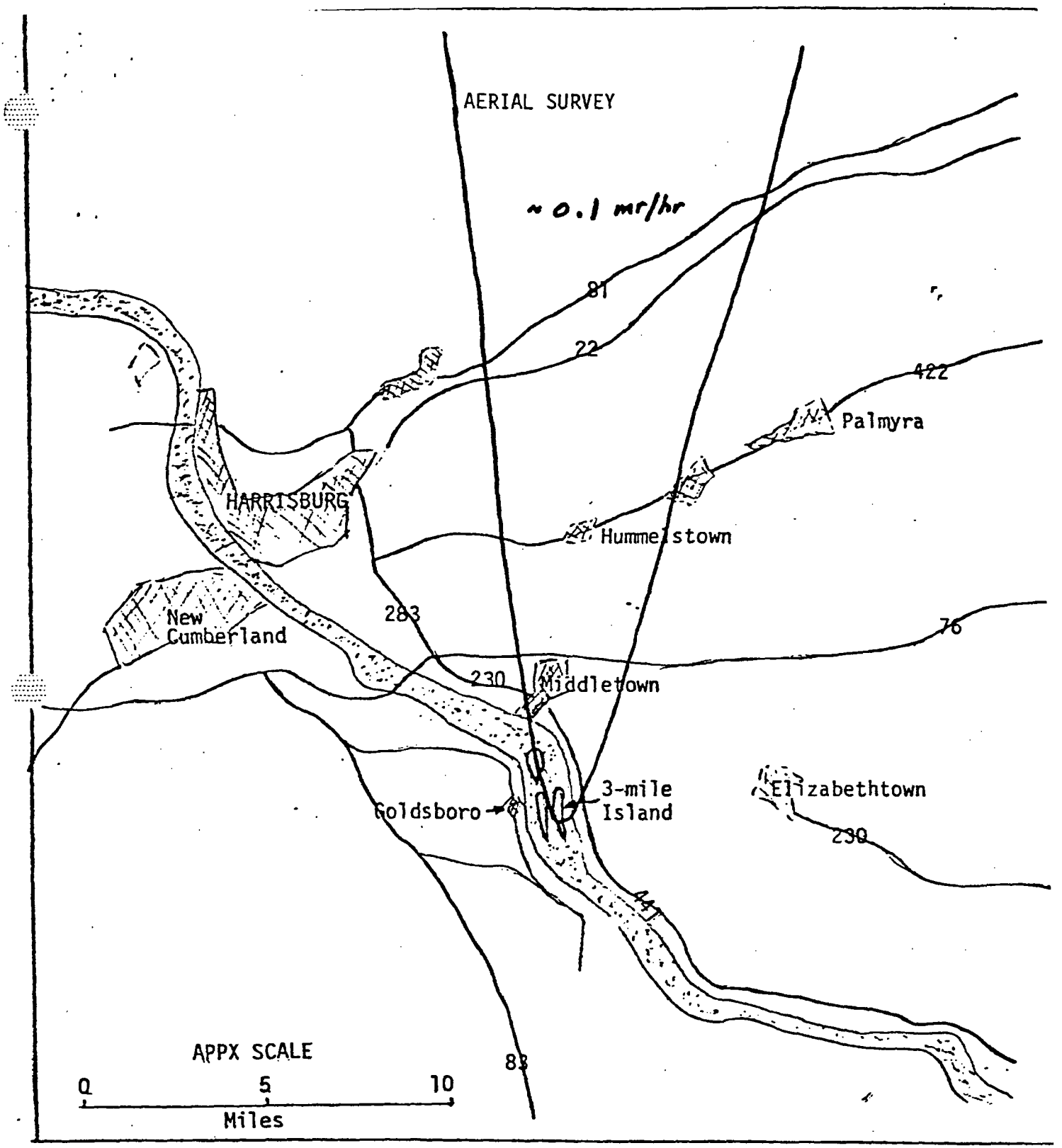
RV:

Attachments (7):
Aerial Survey (6)
Ground-Level Survey (1)



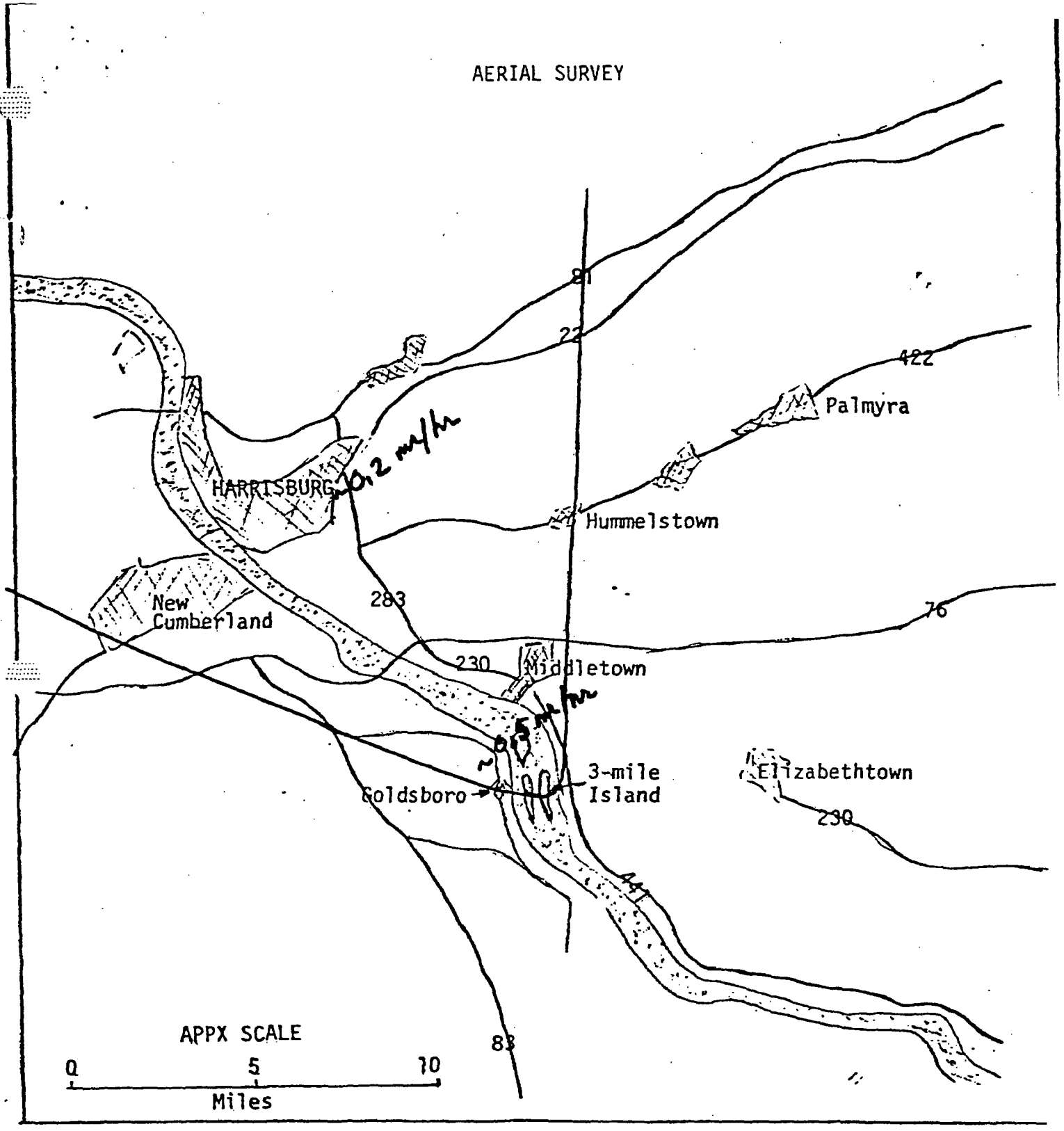
March 28, 1979 8:00 p.m.

Plume in a N to NW direction. Primarily Xe-133. Over Harrisburg, radiation measurements in the plume showed about 0.1 mr/hr. At 10 miles from the site, the plume was about 4-5 miles wide; top of plume at about 3000 feet.



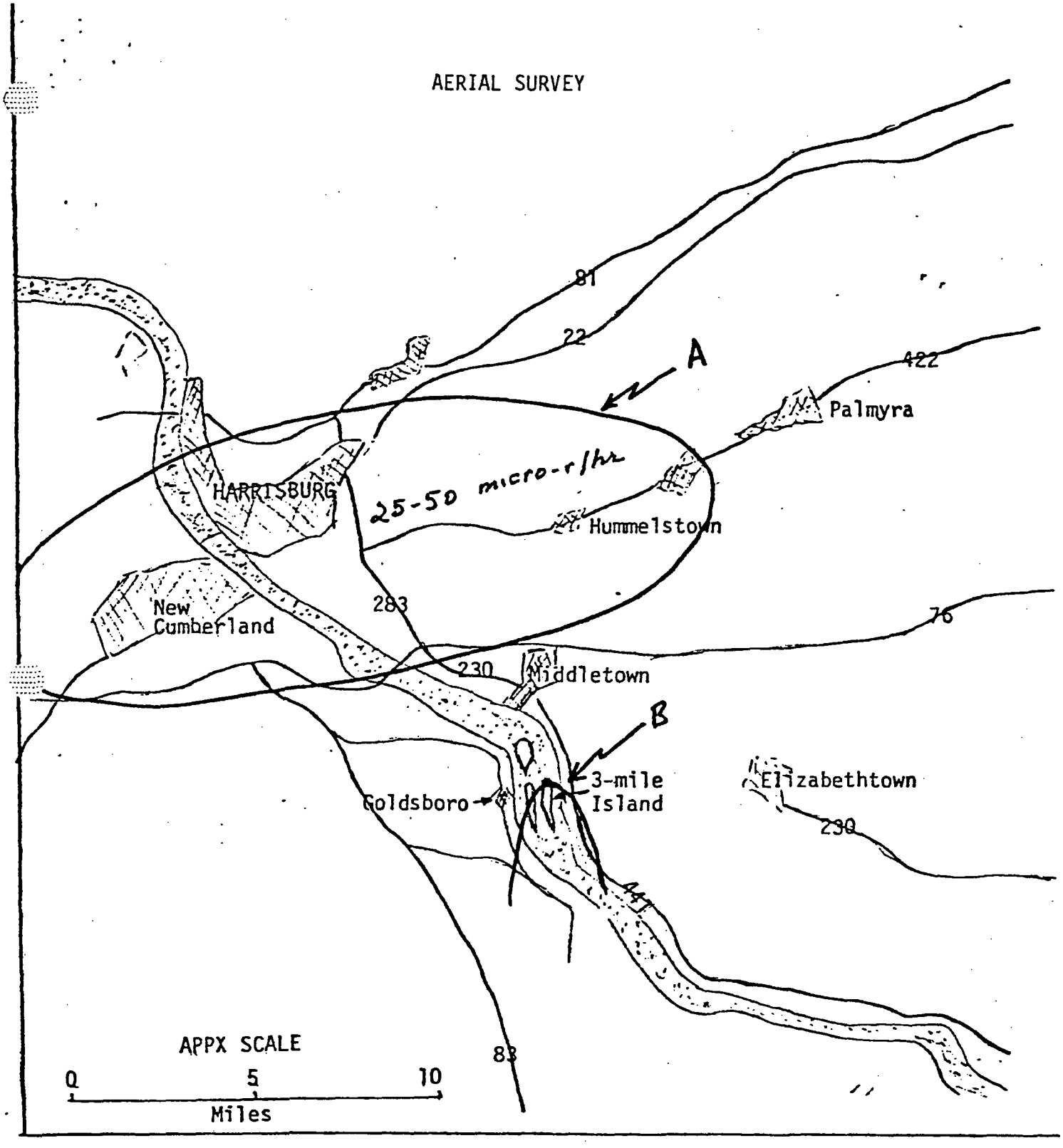
March 28, 1979 4:30 p.m.

Plume in a N to NE direction, about 30° sector. Primarily Xe-133. At distance of about 16 miles, radiation measurements in the plume were about 0.1 mr/hr.



March 29, 1979 10:45 a.m.

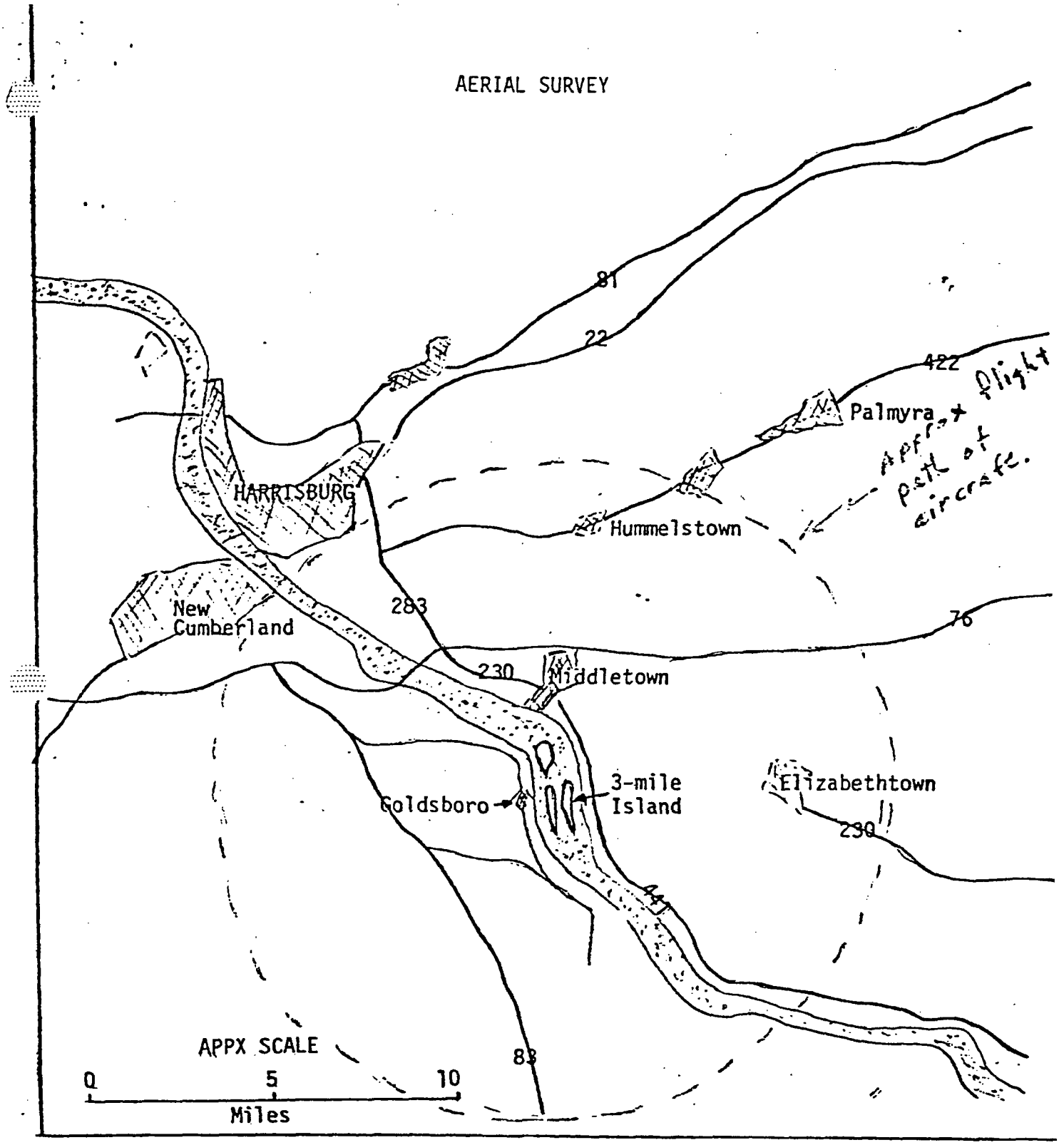
Plume in a N to NW direction. Primarily Xe-133. Radiation measurements in the plume at about 10 miles from plant in centerline of plume were 0.2 mr/hr; at 1 mile from plant, about 0.5 mr/hr maximum.



March 29, 1979 5:00 p.m.

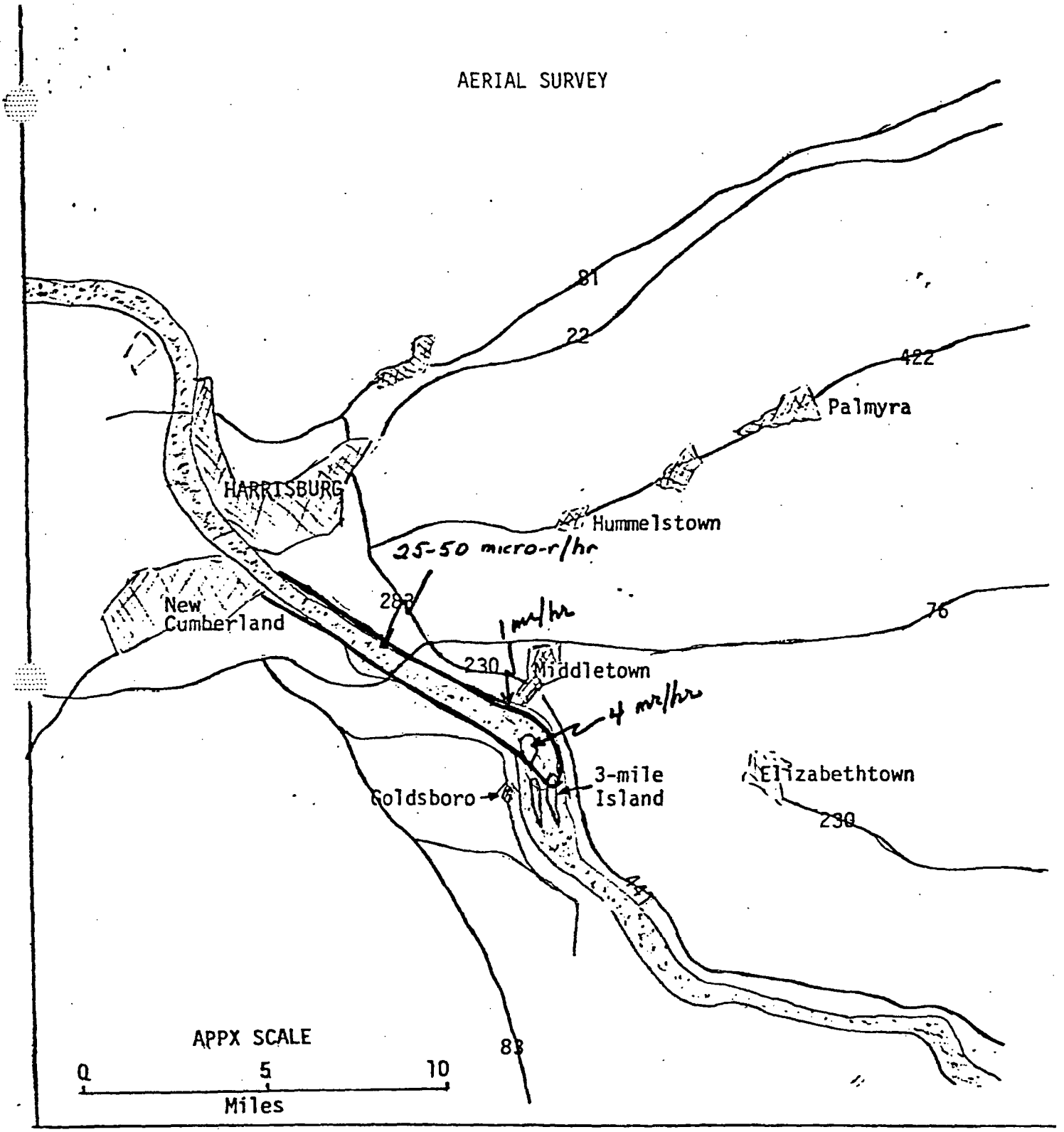
A Residual cloud (Xe-133) N to NW between Mechanicsburg and Hershey, Pennsylvania. Radiation measurements in the cloud in the microroentgen/hour range, highest readings in cloud center.

B Ground level measurements on the island indicated a plume in the southerly direction. Radiation measurements at fenceline south of plant were 10 mr/hr, and one-half mile south of fenceline, 0.5 mr/hr.



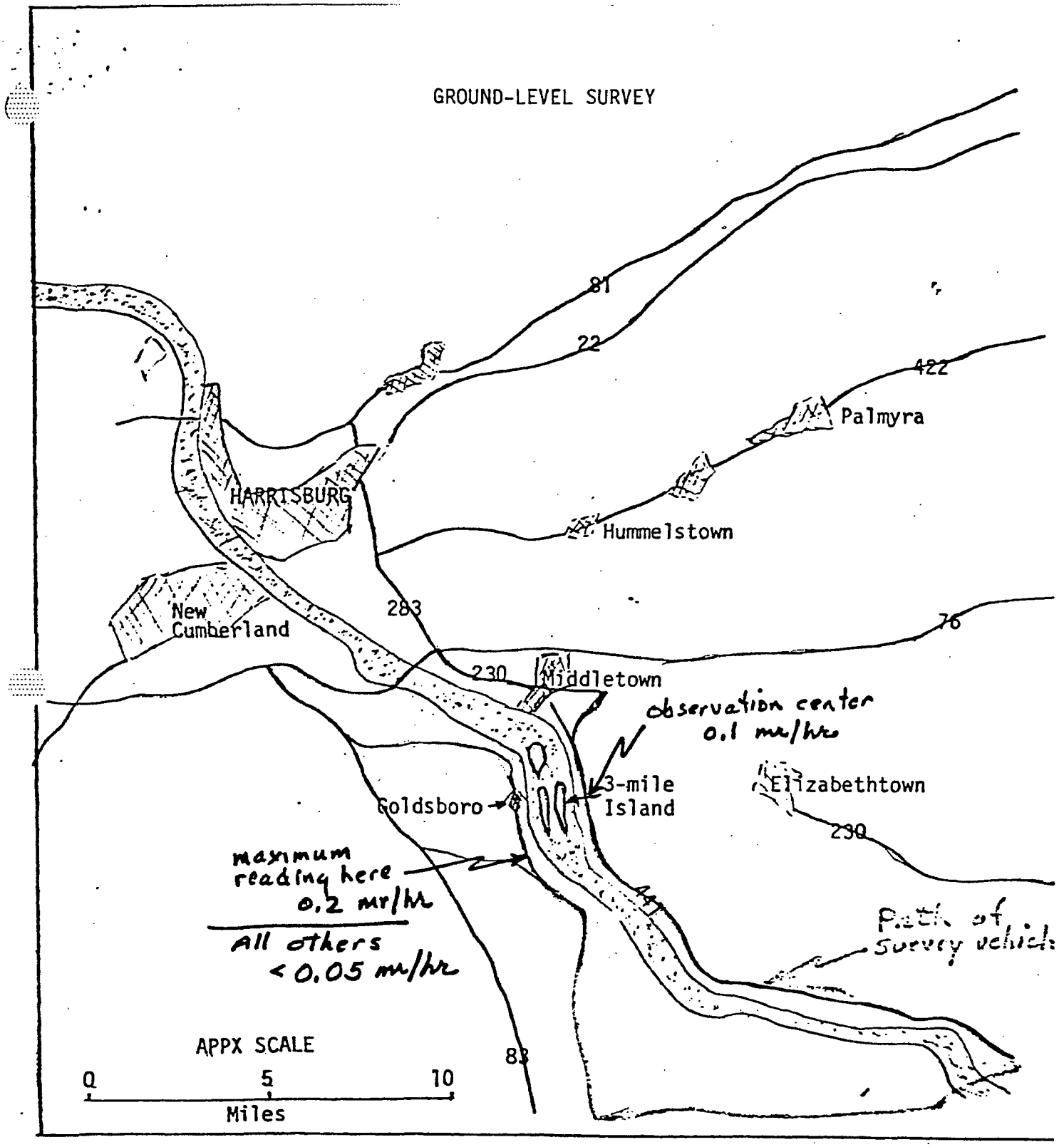
March 29, 1979 8:00 p.m.

Survey aircraft circled the site at distance of about 8 miles at altitude of 1000 feet. No detectable plume; "pockets" of residual radioactivity were detected with radiation readings in the range of of 25 - 50 microroentgens/hour.



March 29, 1979 10:30 p.m.

Plume in a NW direction, width about equal to width of river. Plume touches down about 1 mile from plant at Hill Island. Radiation measurements at east shore line at Hill Island, 4 mr/hr; one mile north of Hill Island, 1 mr/hr; and at five miles from the plant, 25 - 50 microroentgens/hr.



March 30, 1979 Time: approximately 4:00 a.m. - 5:30 a.m.

An NRC survey team took radiation measurements from a vehicle traveling both sides of the Susquehanna River.

Radiation levels were highest near Cly, a community just south of the plant on the west side of the river. The level at Cly was about 0.2 mr/hr. With the exception of the reading of 0.1 mr/hr at the Observation Center, the remainder of the readings on the route were less than 0.05 mr/hr.

March 30, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67C

This preliminary notification constitutes EARLY notice of event of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff on this date.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-520)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

There have been intermittent uncontrolled releases of radioactivity into the atmosphere from the primary coolant system of Unit 2 of the Three Mile Island Nuclear Power Plant near Harrisburg, Pennsylvania. The licensee is attempting to stop the intermittent gaseous releases by transferring the radioactive coolant water into the primary containment building. The levels of radioactivity being measured have been as high as 20 to 25 millirem per hour in the immediate vicinity of the site at ground level. Off-site levels were a few milliroentgen.

At about 11:30 a.m. EST, the Chairman of the NRC has suggested to Governor Thornburg of the Commonwealth of Pennsylvania that pregnant women and pre-school children in an area within five miles of the plant site be evacuated. Members of the NRC technical staff are at the site and efforts to reduce the temperatures of the reactor fuel are continuing. These temperatures have been coming down slowly and the final depressurization of the reactor vessel has been delayed. There is evidence of severe damage to the nuclear fuel. Samples of primary coolant containing high-levels of radioiodine and instruments in the core indicate high fuel temperatures in some of the fuel bundles, and the presence of a large bubble of non-condensible gases in the top of the reactor vessel.

Because of these non-condensible gases, the possiblity exists of interrupting coolant flow within the reactor when its pressure is further decreased and the contained gases expand. Several options to reach a final safe state for the fuel are under consideration. In the meantime, the reactor is being maintained in a stable condition.

Contact: SEBryan, IE x28188 ELJordan, IE x28188

Distribution: Transmitted H St 4:15

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA (For Distribution)
Commissioner Gilinsky		
Transmitted: MNBB 4:33	P. Bldg 4:17	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 4:30
H. L. Ornstein, EDO	R. C. DeYoung, NRR	II 4:32
J. J. Fouchard, PA	R. J. Mattson, NRR	III 4:43
N. M. Haller, MPA	V. Stello, NRR	IV 4:40
R. G. Ryan, OSP	R. S. Boyd, NRR	(MAIL) V 4:30
H. K. Shapar, ELD	SS Bldg 4:35	J. J. Cummings, OIA
	W. J. Dircks, NMSS	R. Minogue, SD

March 30, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67D

This preliminary notification constitutes EARLY notice of an event of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff on this date.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

Gaseous radioactivity from the primary coolant system letdown has been contained in waste gas decay tanks since the last gaseous release at approximately 2:50 p.m. March 30, 1979. At the present reactor coolant letdown rate of approximately 20 gpm it may be necessary to make a planned release of radioactive gas tomorrow to prevent gas decay tank relief valve operation at its setpoint of 100 psi. The licensee has installed a temporary line from the gas decay system back to reactor containment which is under evaluation before being placed in operation. Containment pressure is being maintained slightly negative (-1 psi) as a result of fan cooler operation.

Reactor coolant temperature measured at fifty-two locations at the outlet of the core have continued to come down slowly. Three outlet temperature instruments continue to indicate above saturation temperature.

The NRC staff was informed by the licensee on Friday morning that examination of containment pressure data for March 28 indicates a pressure spike up to approximately 30 psi occurred at approximately 1:50 p.m. NRC personnel are evaluating the possibility that a hydrogen explosion was the cause of the containment internal pressure spike.

The reactor coolant path is through one reactor coolant pump and one steam generator. The steam generator is being fed by an auxiliary feed-pump. Several options for depressurizing the reactor and continuing cooldown via the residual heat removal system are under consideration.

CONTINUED

The volume of non-condensible gases in the reactor vessel has been estimated to be approximately 1000 to 1500 cubic feet at 1000 psi. This volume is estimated to result in a water level of several feet over the top of the fuel. The rate of growth of the bubble in the reactor vessel is estimated to be less than 50 cubic feet per day at 1000 psi.

The Director of the Office of Nuclear Reactor Regulation, the Director of the Region I Office of Inspection and Enforcement and the Director of the Division of Operating Reactors arrived at the site at approximately 2 p.m. today to direct NRC activities at the site and site vicinity. Representatives of HEW and EPA are providing coordination and assistance to the NRC at the Incident Response Center.

NRC personnel assembled at the TMI site and vicinity in addition to the upper management personnel consist of the following:

	RI	RII	RIII	Hq
Reactor Inspectors (IE)	8	5	4	
Health Physicists (IE)	12	12	10	
Health Physicists (SP)				4
Public Affairs	1	1		1
Reactor System Analysts (NRR)				13
Radition Waste Specialists (NRR)				4
Health Physicists (NRR)				6
Operating Licensing (NRR)				2
Total Staff			83	

CONTINUED

The following equipment has been assembled at or near the site for support of NRC operations:

Equipment	Location
1 NRC Instrument Van with 2 telephone lines	Observation Center
1 NRC Office Van	"
1 Office Trailer (Supplied by Licensee)	"
200 Hand-Held Portable Radios from US Forest Service	
Portable Health Physics Instrumentation	
3 Helicopters from DOE for survey and support	
2 Laboratory Vans DOE/Bettis	

A sophisticated communications pod from DOE/NEST will arrive tommorrow.

ENVIRONMENTAL STATUS:
At approximately 3 P.M. on March 30, 1979, NRC analysis of eight vegetation samples from the offsite areas showed no detectable activity. At 5.30 P.M. the Pennsylvania State Radiation Health Department reported that environmental water and air samples collected in the vicinity of the Three Mile Island Plant showed no detectable activity except for some Xenon-133 and Xenon-135. Milk sample analysis showed no activity levels above background.

Offsite ground level gamma surveys in the Middletown and Goldsboro areas between 3:00 and 6:00 P.M. on March 30, ranged from .01 to 1 milliroentgens per hour. An aerial survey was made by helicopter from 4:00 - 6:00 P.M. on March 30, the site was surveyed in concentric circles at approximately one mile intervals and at a height of 300 to 1,000 feet. The highest radiation readings were over the site and measured 8 to 10 milliroentgens per hour. In the plume the highest radiation readings were 6 to 8 milliroentgens per hour. The plume followed the river in a northwesterly direction and was not detectable beyond five to six miles from the site. Site ground level surveys conducted between 7:30 - 8:00 P.M. ranged from .01 to 1.8 milliroentgens per hour.

CONTINUED

At 4 P.M. March 30, upper level winds were from the southeast. Forecast indicates precipitation in the form of thunderstorms moving in after 12 midnight, March 30. At 5:00 P.M. winds onsite at Three Mile Island were reported at 2 to 3 miles per hour generally from east to west.

Contact: EMHoward, IE x28111; EJordan, IE x28111

Distribution: Transmitted H St 1:10 a 3/31

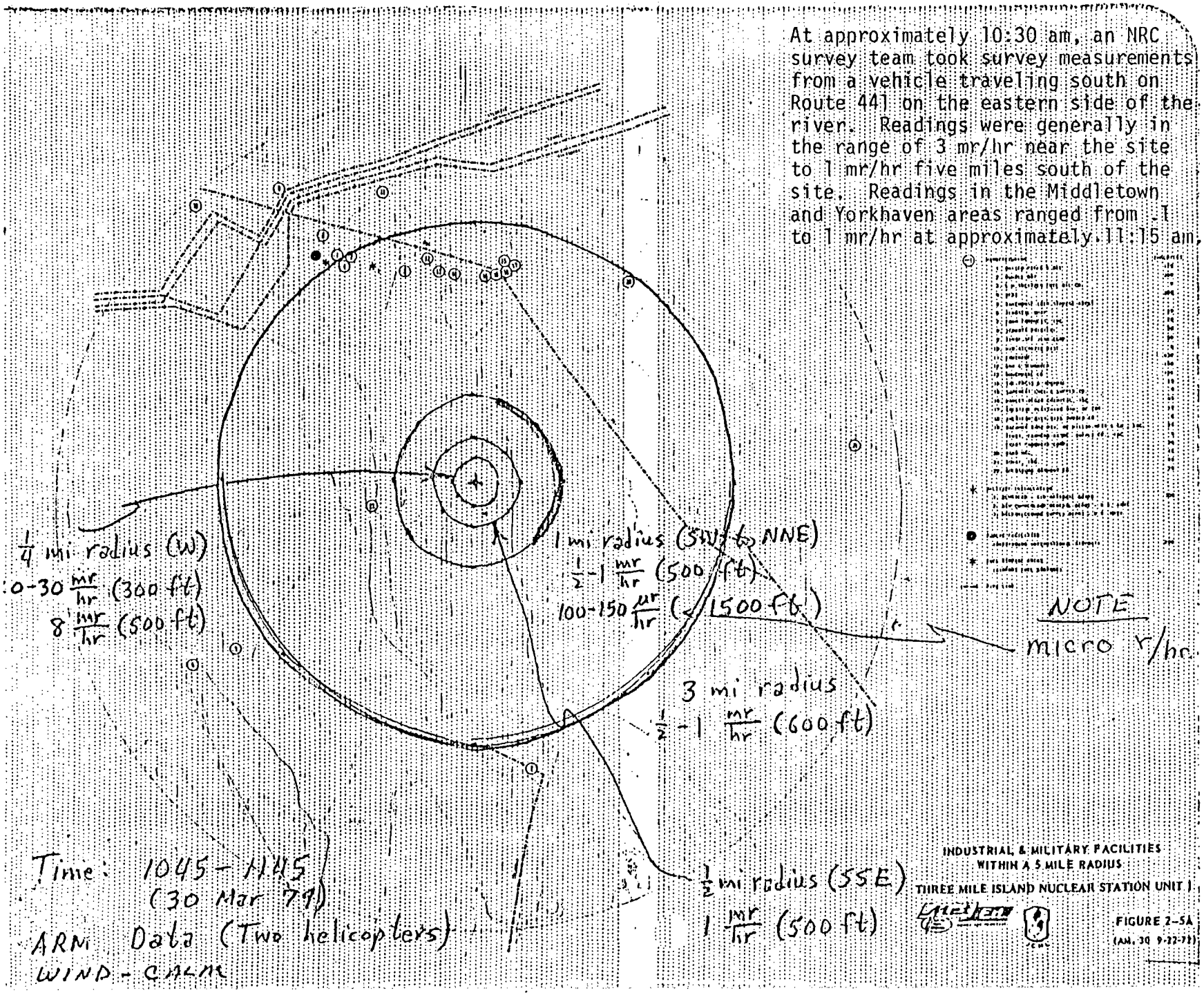
Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)

Transmitted: MNBB 1:17	P Bldg 1:25	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region ____ ____
H. L. Ornstein, EDO	R. C. DeYoung, NRR	
J. J. Fouchard, PA	R. J. Mattson, NRR	
N. M. Haller, MPA	V. Stello, NRR	(MAIL)
R. G. Ryan, OSP	R. S. Boyd, NRR	J. J. Cummings, OIA
H. K. Shapar, ELD	(SS Bldg 1:33	R. Minogue, SD
	W. J. Dircks, NMSS	

White House Situation Room 12:55 a.m. 3/31/79
EPA _____
FDA/BRH _____
DOE/EOC 2:00 a.m 3/31

Attachment (1)
Radiation Survey Map

At approximately 10:30 am, an NRC survey team took survey measurements from a vehicle traveling south on Route 441 on the eastern side of the river. Readings were generally in the range of 3 mr/hr near the site to 1 mr/hr five miles south of the site. Readings in the Middletown and Yorkhaven areas ranged from .1 to 1 mr/hr at approximately 11:15 am.



INDUSTRIAL & MILITARY FACILITIES WITHIN A 5 MILE RADIUS

THREE MILE ISLAND NUCLEAR STATION UNIT 1

FIGURE 2-5A

(AM. 30 9-22-79)

March 31, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67E

This immediate preliminary notification constitutes an update of event of safety and public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by NRC staff at this time.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

Reactor cooling continues using the 1A main reactor coolant pump with steam generator A steaming to the main condenser. Changes to this cooling method are not planned for the near term. An operability status of equipment is being compiled for use as backup in the event of failure of existing operating equipment.

The hydrogen recombiner is in an operable status; however, shielding of its piping and components is not fully installed and is presently considered inadequate. Lead for shielding has been located and will be moved to the site on an expedited basis. Calculations of hydrogen in containment show that the present concentration is less than 4%, the staff's limit on allowed concentration to ensure an explosive mixture is not obtained. Attempts are being made to obtain a containment atmosphere sample.

The waste gas decay tank pressures were 80 psi at 10:15 p.m. on March 30 and had been relatively constant for about five hours. The tank is set to relieve pressure at 100 - 110 psi. The radiation field (60 R/hr at contact) prevents resetting relief points.

Reactor coolant temperatures measured by incore thermocouples at 52 locations presently show only one location above saturation temperature. Temperatures in the core as measured from outlet thermocouples are gradually decreasing. Other system parameters are remaining stable.

Environmental Status

Three ARMS flights of one-hour length were conducted beginning at 9:30 p.m. on March 30, and at midnight and 3:00 a.m. on March 31. At a

CONTINUED

distance of one mile from the plant, maximum readings ranged from 0.5 milliroentgens per hour (mr/hr) to 1.5 mr/hr. At the 18 mile point, readings of 0.1 to 0.2 mr/hr were obtained during the two earlier surveys and 0.5 mr/hr during the latest. Flights are being made at approximately three hour intervals.

Offsite ground level gamma surveys in the Middletown area and north, between 9:30 p.m. on March 30 and 1:00 a.m. on March 31, indicated levels from 0.2 to 0.5 mr/hr. These measurements were taken in the general direction of the plume measured in aerial surveys.

At 3:00 p.m. on March 29, (prior to the releases of March 30) the licensee pulled thermoluminescent dosimeters from 17 fixed positions located within a 15 mile radius of the site. The dosimeters had been in place for three months and had been exposed for about 32 hours after the incident. Only two dosimeters showed elevated exposures above normal levels. The highest reading observed was on Three Mile Island, 0.4 miles north of the reactor at the North Weather Station. At this location, the quarterly accumulated exposure was 81 mr, approximately 65 mr above the normal quarterly exposure rate. The other high exposure was observed at North Bridge, 0.7 miles NNE of the reactor at the entrance to the site. At this location, the total quarterly accumulated exposure was 37 mr or approximately 22 mr above the normal quarterly exposure rate.

During the evening milking hours on March 30, milk samples were collected by the Pennsylvania Department of Environmental Resources at the following locations:

Harrisburg (2 sites)
York
Middletown
Bainbridge
Etters

Analyses showed no detectable radioiodine. The cows had been fed on stored feed but had been outside for exericse.

The Pennsylvania Department of Environmental Resources also collected water samples at filtration plants at Columbia, PA (for the City of Lancaster) and Wrightsville on March 30 in the morning and early afternoon. Both sample points are downstream of Three Mile Island. No detectable activity was found.

CONTINUED

Contact: DThompson, IE x28111 NCMoseley, IE x28111

Distribution: Transmitted H St 9:04

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Commissioner Bradford
Commissioner Ahearne
S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution).

Transmitted: MNBB 9:08
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

P. Bldg 9:15
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 9:20
W. J. Dircks, NMSS

J. G. Davis, IE
Region I 9:24

(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

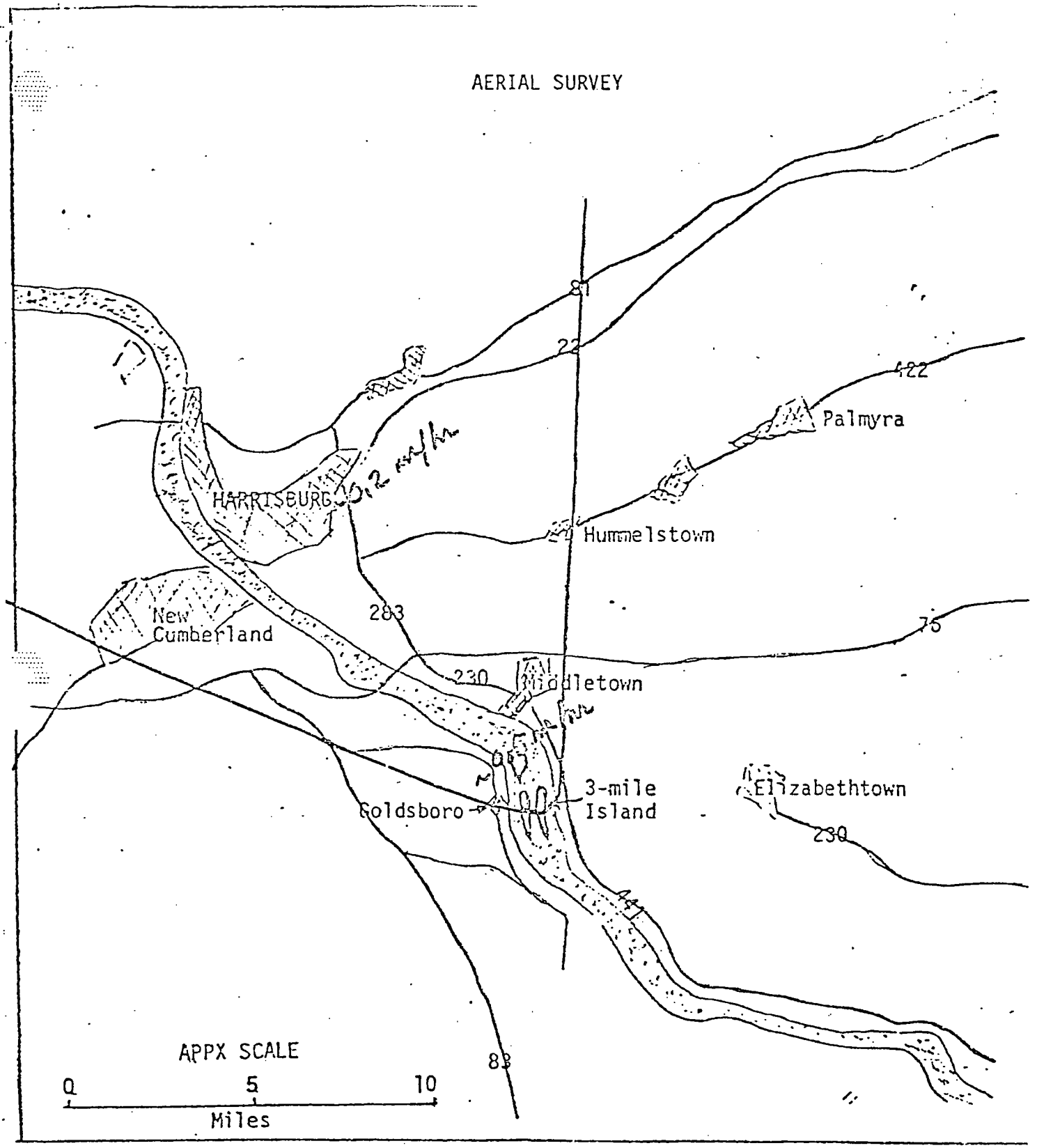
RII - 9:32
RIII - 9:40
RIV - 9:48
RV - 9:07

White House Situation Room _____
EPA 10:15
FDA/BRH _____
DOE/EOC 10:01

Attachment (1)
Radiation Survey Map

IMMEDIATE

PRELIMINARY NOTIFICATION



March 29, 1979 10:45 a.m.

Plume in a N to NW direction. Primarily Xe-133. Radiation measurements in the plume at about 10 miles from plant in centerline of plume were 0.2 mr/hr; at 1 mile from plant, about 0.5 mr/hr maximum.

IMMEDIATE

PRELIMINARY NOTIFICATION

March 31, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67F

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 5:30 pm date 3/31/79.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

There has been no change in the method of cooling the reactor since the previous report (PNO-79-67E). Reactor coolant temperatures measured by incore thermocouples at 52 locations have continued to decrease. At present none of the temperature readings is above saturation temperature for this pressure (554°F). System parameters remain stable. There has been a slight drop in pressurizer level from 215 to 191 inches.

Efforts continue to complete installation of components and piping on the hydrogen recombiner. Approximately 220 tons of lead shielding in various shapes and forms has arrived, or is on the way, to the site. Lead shielding is being installed around the recombiner. A decision to use the recombiner has not yet been made. Two samples of containment atmosphere have been analyzed which show hydrogen concentrations of 1.7 and 1.0%.

Efforts continue to estimate the volume of the noncondensible gas bubble above the core. Licensee calculations of the size of the bubble at 2:40 pm was 880 cubic feet at 875 psig. At about 4:20 pm this was recalculated by the licensee to be 621 cubic feet at 875 psig. This is being further evaluated.

Environmental Status

Three ARMS flights were conducted at about 6:00 a.m., 9:00 a.m., and 12:00 noon on March 31. All flights reflected a rather stable situation. Maximum readings in the plume were from 1.5 to 2.5 milliroentgens per hour (mr/hr) at a distance of one mile from the plant, from 0.5 to 1.0 mr/hr out to 7 miles, and 0.1 to 0.2 mr/hr beyond 10 miles. The plume width is about 1-1/2 to 2 miles. No radioiodines have been detected in the plume. Offsite ground level gamma surveys performed in the predominant wind direction indicated maximum levels of about 2 mr/hr at about 1/2 mile from the site in the direction of the plume. The wind was from the SSW at the time of the

CONTINUED

ARMS flights. At about 1 PM the winds shifted and are now blowing in a south easterly direction.

International Contacts

NRC's Office of International Programs (OIP) has prepared daily status reports, transmitted by Immediate Department of State telegrams to official NRC contacts in the 25 foreign countries with which NRC has regular official relations. OIP is also receiving many foreign telephone calls.

Two senior safety experts from the Federal Republic of Germany (FRG) arrived late March 30 and were briefed by NRC experts at the Operations Center, late March 30 and during March 31. Two French experts will arrive April 1. Washington Representatives or senior visitors of Japan, FRG, and Sweden also have been briefed in the Operations Center. OIP also has been briefing the President of the AECB of Canada, who offered to send any AECL or AECB experts who could be of assistance.

Contact with Licensee

NRC Regional Offices are transmitting to the utilities with operating licenses summary information (in the form of Preliminary Notifications) as they are prepared.

Contact: DThompson, IE x28111 EMHoward, IE x28111

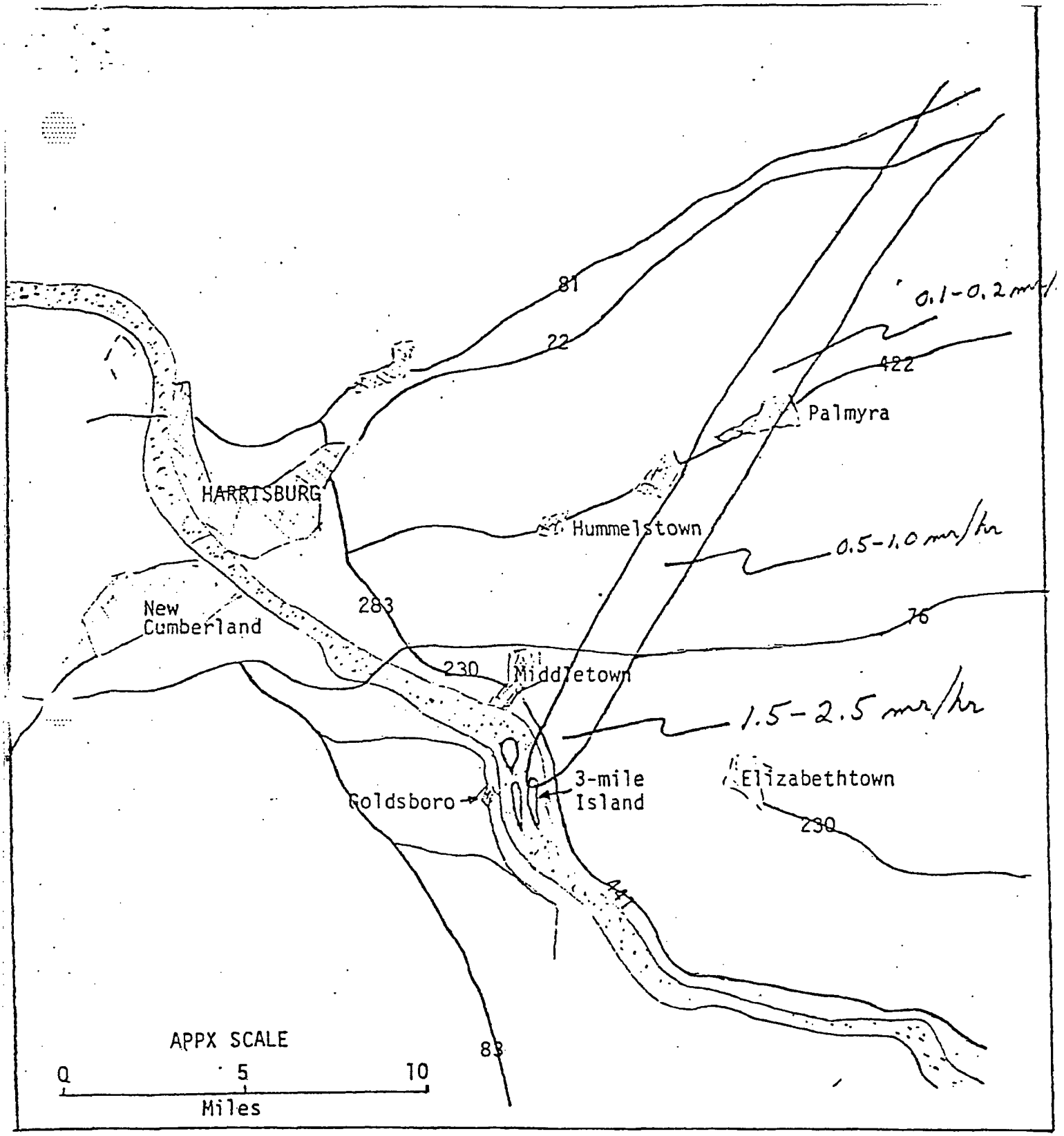
Distribution: Transmitted H St 7:06p.

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)

Transmitted: MNBB 7:10p	P. Bldg 7:15p	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I - 7:50
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II - 7:55
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III - 8:15
N. M. Haller, MPA	V. Stello, NRR	Region IV - 8:21
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V - 7:45
H. K. Shapar, ELD	SS Bldg 7:20p	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
		R. Minogue, SD

White House Situation Room 7:25p
EPA —
FDA/BRH —
DOE/EOC 8:05p.

Attachment (1)
Radiation Survey Map



March 31, 1979

AERIAL SURVEY plume direction and radiation readings shown above conducted at 6:00 & 9:00 AM and 12:00 noon.

April 1, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67G

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 am on 4/1/79.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

There has been no substantial change in the primary system temperature and pressure. Incore thermocouples continue to show a downward trend.

Actions are underway to vent radioactive gases from the waste gas decay tank to the containment building. This will be performed through a temporary pipeline.

The licensee plans to hook up and shield two recombiners prior to initiating recombining operations to reduce the concentrations of hydrogen in the containment. The licensee estimates that it will require about 24 hours before the recombiners will be operational.

Calculated values by the licensee of the volume of noncondensible gases above the core continue to vary. The NRC staff has been unable to draw meaningful conclusions from this data.

Environmental Status

ARMS flights at approximately 3-hour intervals were continued on March 31 and the early hours of April 1. Survey results reflected stable conditions. Maximum readings were 2 mR/hr in the plume at a distance of 1 mile from the plant. The plume width has been about 1.5 miles out to a distance of 10 miles. At a distance of 10 miles, plume readings were 0.15 mR/hr. Milk was collected at nine stations on March 31; no radioactive iodine was detected. Offsite ground level gamma surveys performed in the predominant wind direction showed a maximum of 0.6 mR/hr at 500 yards from the plant to a low of 0.06 mR/hr at distances of 2 to 3 miles. An exception was noted during the collection of a sample from the waste gas decay tank when gamma levels of 3 mR/hr were observed at a distance of 500 yards east of the plant.

CONTINUED

Other Information

Analysis of a sample of primary coolant indicated that the principal isotopes released from the fuel were iodine, cesium and noble gases. A preliminary evaluation of the analytical results related to these more volatile isotopes indicates high fuel temperatures existed, perhaps for extended periods. However, ratios among isotopes indicate that the less volatile isotopes, such as strontium, were released to the coolant in quantities characteristic of releases from the gaps of the fuel and, therefore, based on this preliminary evaluation, melting of the fuel is not considered likely to have occurred.

Analysis of a containment building gas sample showed the following results:

Isotope	Concentration (microcuries/milliliter)
Xe-133	676
Xe-133m	16
Xe-135	8.1
I-131	6.3×10^{-2}
I-133	< 0.03

NRC representatives at the facility were informed at 10:45 p.m. on March 31 that there would be an attempt to sabotage the facility during the night. The FBI, Pennsylvania State Police and the licensee were notified.

Contact: DThompson, IE x28111 NCMoseley, IE x28111

Distribution: Transmitted H St 0828

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Commissioner Bradford
Commissioner Ahearne
S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)

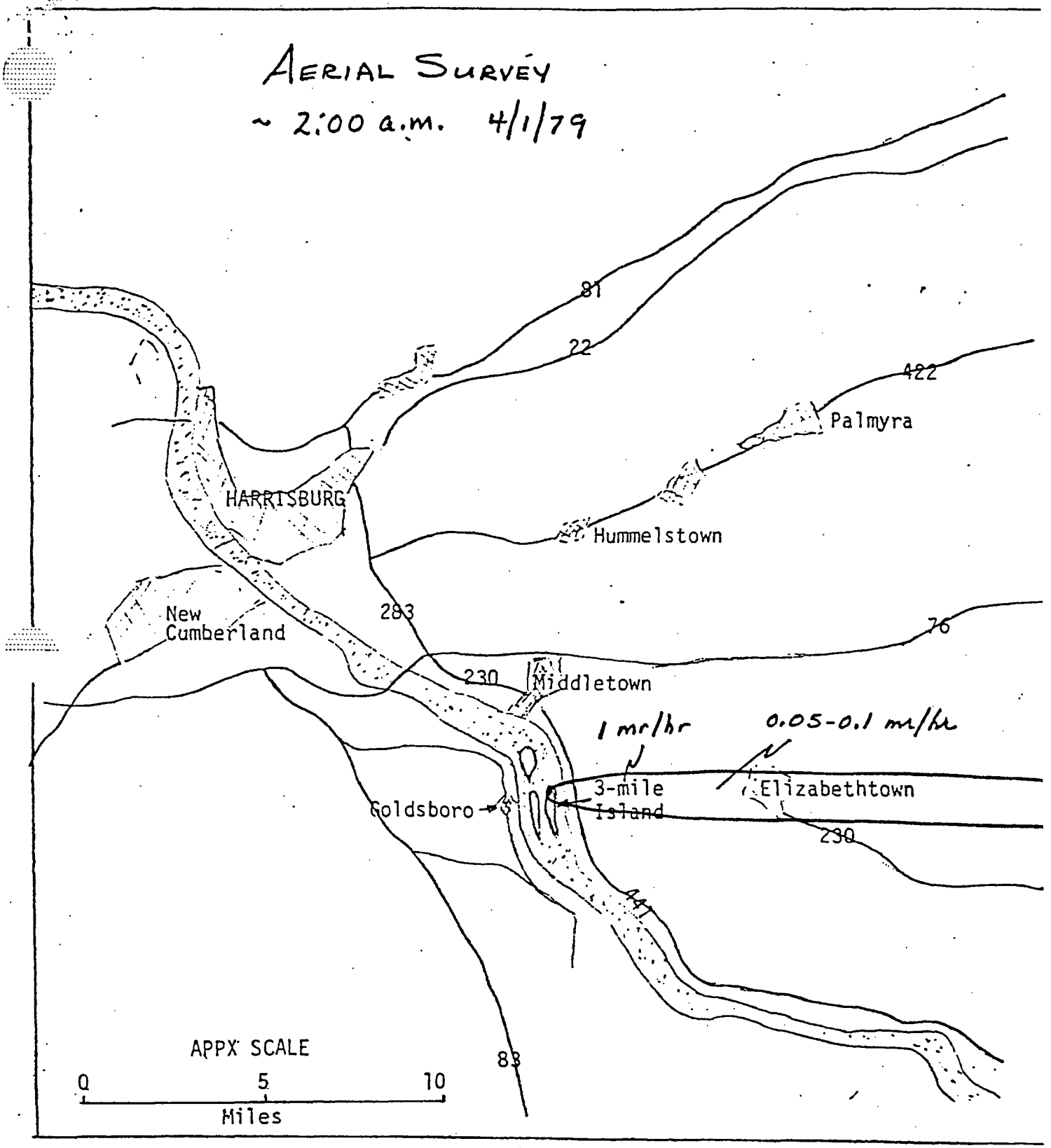
Transmitted: MNBB 0833
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

P. Bldg 0826
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 0845
W. J. Dircks, NMSS

J. G. Davis, IE
Region I SITE 11:38
Region II - 5:20P. AND GRIER
Region III 6:25P.
Region IV - 5:36P
Region V - 6:20P.
(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

White House Situation Room _____
EPA _____
FDA/BRH _____
DOE/EOC 0840

Attachment (1)
Radiation Survey Map


AERIAL SURVEY
~ 2:00 a.m. 4/1/79
81
22
422
Palmyra
HARRISBURG
Hummelstown
New Cumberland
283
76
230
Middletown
1 mr/hr
0.05-0.1 mr/hr
3-mile Island
Elizabethtown
Goldsboro
230
83
APPX SCALE
0
5
10
Miles

IMMEDIATE

PRELIMINARY NOTIFICATION

April 2, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67H

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 12 noon on 4/2/79.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

Reactor pressure is being held at about 1000 psi. Incore thermocouples continue to show a decrease in fuel channel temperatures, with all measurements below about 475 degrees F. Bulk core inlet and outlet temperatures are 280 degrees F. At 11 p.m., April 1, a containment air sample indicated 2.3% hydrogen.

Further analyses and consultations with experts has led to the development of a strong concensus that the net oxygen generation rate inside the noncondensible bubble in the reactor is much less than originally conservatively estimated. Also, measurements at the plant appear to indicate that the volume of gases within the bubble is being significantly reduced. Further developments are being closely followed to confirm these favorable indications.

Action on Other Facilities

The Three Mile Island Unit 2 (TMI-2) pressurized water reactor was supplied by Babcock & Wilcox (B&W). All utilities with an operating B&W reactor were sent an NRC Bulletin yesterday to provide them with information about the TMI-2 incident; require a prompt review of their plant conditions, and to effect action to prevent such an incident. NRC inspectors are being sent to each licensed B&W reactor to provide increased inspection coverage. Additional reactor shutdowns or power reductions are not being required by the NRC at this time.

Environmental Status

Thirty-seven thermoluminescent dosimetry (TLD) stations were established by the NRC at distances from about one mile to about 12 miles from the plant. Multiple dosimeters are placed at each location - one will be

CONTINUED

left in place for a cumulative dose measurement; another is pulled and replaced each day. TLD's collected on April 1, 1979 indicated the following dose rates in populated areas:

Location	Dose Rate (Milliroentgens per Hour)
Middletown	0.044
Goldsboro	0.13
Goldsboro	0.040
Lewisberry	0.053
Pleasant Grove	0.041
York Haven	0.074
Conewago Falls	0.044
Emigsville	0.053

The highest dosimeter reading was recorded at a location ½ mile ENE of the plant. The average dose rate at this location was 1.1 milliroentgen per hour.

For comparison purposes, the licensee's environmental report for 1977 when one unit was operating, indicated that the average dose rate at offsite stations located within three miles of the plant was 0.007 mR/hr.

Calculations using the TLD data indicate a population dose of approximately 200 man-rems for the 24-hour period. This means there was an average radiation dose of about 0.3 millirems per person in the population within a 20-mile radius of the plant.

ARM's flights were continued at three-hour intervals on April 1, and 2, 1979. The plume readings were essentially the same for all the flights. Direction of the plume varied from SW to WNW. The maximum level at one mile from the plant was about 3 mR/hr at an altitude of 500 feet. At three miles, the levels were from 0.1 to 0.5 mR/hr.

Offsite ground level surveys taken between 11:00 a.m. April 1, and 4:30 a.m. April 2, on both sides of the river in a southerly direction generally showed levels of 0.01 to 0.04 mR/hr.

Nine milk samples collected and analyzed by the State of Pennsylvania on April 1 showed no detectable radioiodine.

The licensee reported results from 5 milk samples taken from four locations around the plant collected the evening of March 30, 1979. The samples included one sample of goat's milk and four samples of cow's milk. The highest level was reported for the goat's milk and was 41 picocuries per liter (pCi/l.). The highest level in cow's milk was 8.4 pCi/l. The NRC has estimated the thyroid dose to a child drinking milk with concentrations of radioiodine at 41 pCi/l to be about 0.2 millirem per day. The thyroid dose to an adult would be about 0.07 millirem per day. Each of these samples indicated levels slightly above normal background levels for radioiodine.

CONTINUED

The Bureau of Radiological Health, HEW, also reported identifying radioiodine in six samples of milk collected on March 31, 1979 from four locations around the plant. Analyses of the samples identified near background levels of radioiodine. The levels ranged from the minimum detectable limit to about 40 pCi/l.

For comparison, the licensee's environmental report for 1977 showed observations of 0.74 to 31 pCi/l of I-131 in milk throughout the year previous to the incident. At 12,000 pCi/l, the U.S. Department of Health, Education, and Welfare recommends placing dairy herds on stored feed. Local herds are already on stored feed.

Contact: DThompson, IE x28487 NCMoseley, IE x28160

Distribution: Transmitted H St 3:50 p.m.

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Commissioner Bradford
Commissioner Ahearne
S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)

Transmitted: MNBB 4:00 p.m.
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

P. Bldg 4:05 p.
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 4:08
W. J. Dircks, NMSS

J. G. Davis, IE
Region I 4:11
Region II 4:25
Region III 4:35
Region IV 4:45
Region V
(MAIL) 5:00
J. J. Cummings, OIA
R. Minogue, SD

Site - 4:30

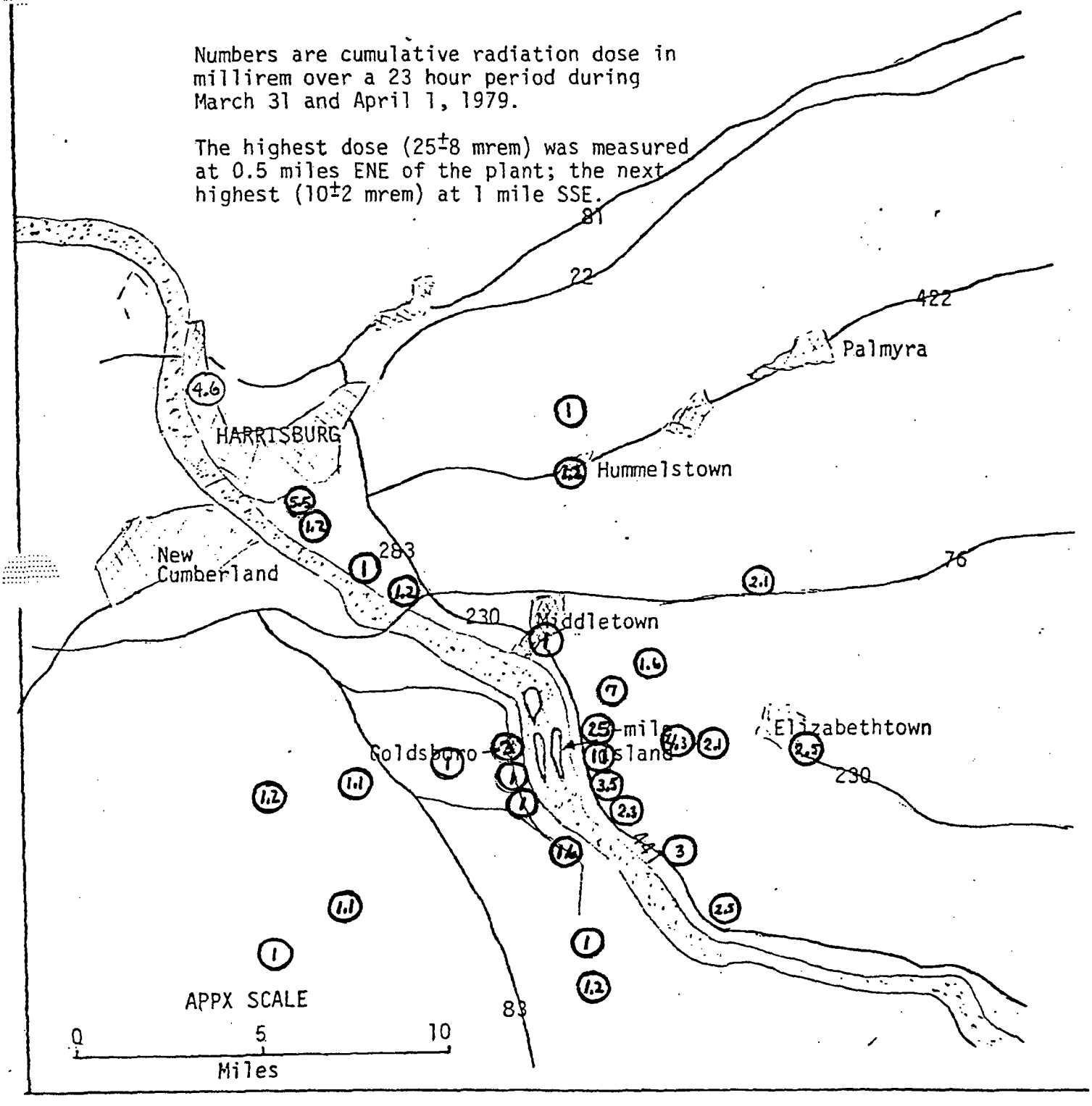
White House Situation Room _____
(Handcarry ____)
EPA _____
FDA/BRH _____
DOE/EOC 5:05
FAA _____
FDAA 4:45

Attachment 1:
Radiation Dose Rate Map

NRC THERMOLUMINESCENT DOSIMETER (TLD) DATA

Numbers are cumulative radiation dose in millirem over a 23 hour period during March 31 and April 1, 1979.

The highest dose (25±8 mrem) was measured at 0.5 miles ENE of the plant; the next highest (10±2 mrem) at 1 mile SSE.



April 3, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67I

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on 4/3/79.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

Reactor pressure remains near 1000 psi, with bulk core coolant inlet and outlet temperatures at 280°F. Core thermocouple readings are relatively unchanged and indicate a maximum temperature of 477°F which is well below saturation temperature for this pressure. (Only 3 thermocouples read above 400°F). The gas bubble still appears to be present at a much reduced volume, with bubble size calculations still being evaluated. Degasification continues. Containment atmosphere measurements indicate about 1.9 percent hydrogen. One hydrogen recombiner is operating, and a 12 day time period is projected for reduction of the hydrogen concentration to about 1%.

Plans to use a robot device to obtain a primary coolant sample are being evaluated. Preoperational testing with the robot is in progress.

Environmental Status

No surveillance flights have been conducted since 6:00 AM on April 2 because of weather. All offsite ground surveys indicate about 0.02 millrem/hour, except for a brief period during periodic venting of the Primary System Makeup Tank to the vent header. During this venting, an offsite team detected a brief, downwind 1.5 millirentgen/hour ground level dose rate with a rapid return to 0.02 millirentgen/hour. This level is less than others reported previously for similar operational activities.

Dose rates in populated areas as measured by NRC thermoluminescent dosimeters (TLD) showed a decrease from the previous day. Following are the data for the first two days.

CONTINUED

Dose Rate (Milliroentgens per Hour)

	4/1/79	4/2/79
Falmouth	No Sample	0.01
Middletown	0.044	0.01
Goldsboro	0.13	0.05
Goldsboro	0.040	0.02
Lewisberry	0.053	0.02
Pleasant Grove	0.041	0.02
York Haven	0.074	0.02
Conewago Heights	0.044	0.02
Emigeville	0.053	0.02

On April 2, the Food and Drug Administration reported concentrations of radioiodine in eight milk samples. The results ranged from 10 picocuries per liter (the minimum detectable activity) to 20 $\pm$ 10 picocuries per liter.

Since March 30, there have been controlled releases of several hundred thousand gallons of water from the industrial waste tank to the Susquehanna River. The effluents contain radioiodine. On April 2, the FDA reported that a sample of river water collected two miles from the plant was analyzed and found to contain 3.9×10^{-8} microcuries per milliliter of iodine-131, or about 13% of maximum permissible concentration (MPC).

Other Information

Exposure data collected at 1:00 am on April 3 indicated a level of <0.1 mR/hr in the Unit 2 control room compared to a level of 0.4 mR/hr measured early on April 2. On April 3, the auxiliary building access corridor showed 0.05 mR/hr and the personnel access hatch to the reactor building indicated 4 mR/hr.

Analysis of a second sample of containment building gas showed a decrease from concentrations determined as of March 31. Following are the data for the two analyses:

Concentration in Microcuries per Milliliter

Isotope	3/31/79 at 7:00 am	4/2/79 at 10:30 am
Xe 133	676	65
Xe 133m	16	0.27
Xe 135	8.1	0.62
I 131	0.063	0.0097
I 133	<0.03	<0.0061

CONTINUED

Contact: DThompson, IE x28487 NCMoseley, IE x28160

Distribution: Transmitted H St 5:20

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Commissioner Bradford
Commissioner Ahearne
S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)

Transmitted: MNBB 5:21
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

P. Bldg ~~5:25~~ 5:30
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 5:36
W. J. Dircks, NMSS

J. G. Davis, IE
Region I 5:35
Region II 5:35
Region III 5:35
Region IV 5:35
Region V 5:35
(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

White House Situation Room _____
(Handcarry ____)
EPA 6:50
FDA/BRH 6:50
DOE/EOC 6:40
FAA _____
FDAA 7:10
DCPA 7:33
BRD 8:20

IMMEDIATE

PRELIMINARY NOTIFICATION

IMMEDIATE

PRELIMINARY NOTIFICATION

April 4, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67J

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 am on 4/4/79.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The cooling path to remove core decay heat continues to be through "A" steam generator to the main condenser.

Reactor pressure remains near 1000 psi, with bulk core coolant inlet and outlet temperatures at 280 degrees F. Core thermocouple readings are relatively unchanged and indicate a maximum temperature of 466 degrees F which is well below saturation temperature for this pressure. (Only three thermocouples read above 400 degrees F.) Gas is still indicated to be present based on bubble size calculations, but its volume is erratic indicating the effects of solubility and bubble dispersion. Vent valve on pressurizer has been closed and degasification continues through the letdown system.

Containment atmosphere measurements indicate about 2.1% hydrogen. One hydrogen recombiner is operating and an 11-day time period is projected for reduction of the hydrogen concentration to about 1%. At 1430 on April 3, one of three pressurizer level transmitters failed. Alternate methods of level measurements are being developed and procedures reviewed for implementation while calibration can occur with the existing detectors.

Plans to use a robot device to obtain a primary coolant sample are being evaluated. Preop testing with the robot is in progress.

The containment building, April 3, 1979, gas sample results reported on page 2 of PNO-79-67I have been determined to be incorrect and should be disregarded.

CONTINUED

Environmental Status

FDA has reanalyzed the river water sample collected the afternoon of April 2, 1979 at a location 2 miles downstream. The value of 39 picocuries per liter iodine-131 previously reported for this sample (PN-79-67I) has been found to be incorrect; no iodine above minimum detectable levels has been found.

ARMS flights were conducted at 9:00 am and 12:00 noon on April 3, 1979. The maximum radiation levels were detected during the 12:00 noon flight during which a maximum level of 2.0 mR/hr was measured at 1 mile from the plant; the level at 3 miles was 1.2 mR/hr. At a distance of 1 mile the plume was 1 mile wide with centerline about 290°.

Two other flights were conducted at 12:30 a.m. and 3:00 a.m. on April 4. The earlier flight measured radiation levels of 0.3 mR/hr at 1 mile and 0.1 to 0.2 mR/hr at 3 miles at altitudes of 600-700 feet. The plume was 0.3 mile wide at one mile centered at about 210°. Past 3 miles the plume was undefined and radiation levels were about 0.05 mR/hr. The later flight measured radiation levels of 1.1 mR/hr at 1 mile, 0.5 mR/hr at 3 miles and 0.3 mR/hr at 6 miles, at an altitude of about 500 feet. The plume was 0.6 mile wide at a distance of 1 mile from the plant, centered at 235°.

Offsite ground surveys indicated about 0.5 mR/hr for a brief period on the east side of the site. Radiation levels generally ranged from 0.01 to 0.02 mR/hr around the site.

An air sample for iodine-131 was collected in the plume at a location about 0.8 mile SSE of the plant. The iodine concentration in air was less than 1×10^{-10} microcuries per cubic centimeter.

Dose rates in populated areas as measured by NRC thermoluminescent dosimeters (TLDs) showed a slight increase from the previous day. The highest exposure rate was 0.41 mR/hr at a location 1 mile SSE of the plant. Following are the exposure rates for previously reported locations:

Dose Rate (Milliroentgens per Hour)

	4/1/79	4/2/79	4/3/79
Falmouth	0.15	0.01	.20
Middletown	0.044	0.01	.02
Goldsboro	0.13	0.05	.07
Goldsboro	0.040	0.02	.05
Lewisberry	0.053	0.02	.04
Pleasant Grove	0.041	0.02	.06
York Haven	0.074	0.02	.10
Conewago Heights	0.044	0.02	.07
Emigsville	0.053	0.02	.07

CONTINUED

Summary of Environmental Monitoring

Data concerning iodine released to the environment has been gathered and evaluated by the NRC, other Federal agencies, the State of Pennsylvania, and by the licensee. Several of the monitoring programs have been ongoing almost since the outset of the incident which began early on 3/28/79.

This information is based on data available to NRC as of 0630, April 3, 1979.

Water

A total of 130 offsite water samples were analyzed by NRC, DOE, and the Commonwealth of Pennsylvania. None of the 130 have shown any detectable radioiodine.

Based on calculations of the radioiodine released from the station to the river, it is estimated that the thyroid dose to any individual drinking the water is less than 0.2 mrem.

Air

152 offsite air samples were taken during the period 3/28-4/2 and analyzed by NRC, DOE, the Commonwealth of Pennsylvania, and by the licensee at distances up to 40 miles from Three Mile Island. The radioactivity in air which has been measured is principally noble gases--xenon isotopes. Eight of the 152 samples have indicated concentrations of radioiodine ranging from 2.7×10^{-13} - 2.4×10^{-11} microcuries/cc. No radioiodine was detected in the other samples. The maximum activity detected is about one-fourth of the permissible concentration established in the NRC "Standards for Protection Against Radiation," in Title 10, Code of Federal Regulations, Part 20 (10 CFR 20).

Based on calculations of the radioiodines released from the station to the atmosphere, it is estimated that the thyroid dose to an individual at the site boundary is less than 50 mrem over a 5-day period.

Milk

A total of 56 samples were collected from about 20 farms, located up to 13 miles in all directions from Three Mile Island. Of these, 38 showed no detectable radioiodine and 18 were reported as "no data." These analyses were conducted by the Commonwealth of Pennsylvania.

FDA has conducted an analysis of 9 milk samples collected April 1, 1979 and reported "positive" results ranging from 14 to 40 picocuries

CONTINUED

of I-131 per liter of milk. A sample of goat's milk, collected on March 30, 1979, contained 41 picocuries per liter. By comparison, the U.S. Department of Health, Education and Welfare recommends placing dairy herds on stored feed when I-131 in milk reaches 12,000 pCi/liter. Local herds are on stored feed because this is not the pasture season.

Based on measurements of the maximum concentration of radioiodine in all milk samples, the thyroid dose to any individual drinking milk is less than 0.5 mrem/day.

Vegetation

One hundred seventy-one vegetation samples have been collected and analyzed by DOE, NRC, and the Commonwealth of Pennsylvania. None showed any detectable radioiodine. These samples were taken at various locations within 2 miles of the site.

Soil

One hundred forty-seven soil samples were collected and analyzed by NRC and DOE. None showed any detectable radioiodine.

Inventory of Iodine in Plant

The greatest quantity of iodine in the plant is contained in the core and the coolant. The following table shows the inventory as of 0001 on 4/3/79.

	Core*	Coolant**
I-131	49×10^6 Ci	3.2×10^6 Ci
I-133	2.1×10^6 Ci	0.12×10^6 Ci

*Based on computer projections of Penn State University
**Based on primary coolant analysis decayed to the above date and time

A small source of iodine is from the industrial waste treatment system (IWTS) which presently contains 272,000 gallons of water having an iodine content as follows:

I-131	0.234 Ci
I-133	0.00087 Ci
TOTAL	0.23487 Ci

As of 2400 on 4/2/79, there were approximately 240,000 gallons of liquid in the IWTS with approximately 280,000 gallons of available storage

space. Currently, the turbine building sump is filling at a rate of approximately 30 gpm; however, over the last 3-day period the liquid has accumulated in the system at an average rate of 143 gpm. At the later accumulation rate, the IWTS would overflow at approximately 11:00 am on April 4, 1979 unless other action is taken. Efforts are underway by the licensee to obtain state approval for discharge.

The maximum concentration of radioiodine in the IWTS was 1.5×10^{-3} μCi/ml at 1000, March 31, 1979. That value has steadily decreased since that time. As of 1600, April 2, 1979, radioiodine concentration in the IWTS was 4.2×10^{-5} μCi/ml which, when diluted in the plant discharge water, would be about 1/3 off the technical specification limit of 3×10^{-7} microcuries per milliliter at the plant discharge.

Other Information

The attached table of collective doses was prepared by a joint NRC/HEW/EPA study group.

Contact: DThompson, IE x28487 NCMoseley, IE x28160

Distribution: Transmitted H St 8:18 -Am

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Commissioner Bradford
Commissioner Ahearne
S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)

Transmitted: MNBB 8:39
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

P. Bldg 9:00
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 8:30
W. J. Dircks, NMSS

J. G. Davis, IE
Region I
Region II
Region III
Region IV
Region V
(MAIL) — 9:45
J. J. Cummings, OIA
R. Minogue, SD

White House Situation Room 10:20
~~(Handcarry)~~
EPA 11:20 Am
FDA/BRH 12:10 pm
DOE/EOC 12:30 pm
FAA HANDCARRY
FDAA 12:10 pm
BRP 12:50 pm
DCPA 1:00 pm

COMPARISON OF COLLECTIVE DOSES TO POPULATION
WITHIN 50 MILES OF THREE MILE ISLAND
NUCLEAR GENERATING STATION

Source	Whole-Body Collective Dose (man-rem)	Average Dose to Individual (mrem/year)
Natural Background		
One year's exposure (FES) (1970 population)	233,000	125
(1980 population)	270,700	
Normal Operation (FES) (1970 population)		
One year's exposure (all sources)	31	0.017
Gaseous effluents	2.05	0.0011
30-year operation	930	0.017
Preliminary Estimate of Accident Dose		
Cumulative up to noon 4/2/79	1,800	0.83

1970 population	1,868,000
1980 census projections	2,165,651

Note: 1 mrem (millirem) = 0.001 rem
FES = Final Environmental Statement

April 5, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67K

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 am on 4/5/79.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

Reactor pressure remains near 1000 psi with bulk core coolant inlet and outlet temperatures approximately 280 degrees F. Core thermocouple readings are relatively unchanged and indicate a maximum temperature of 462 degrees F which is well below saturation temperature for the present reactor pressure. Three thermocouple readings remain above 400 degrees F. The number of thermocouple readings that are being monitored has been reduced to 30.

Containment atmosphere measurements indicate about 2% hydrogen. One hydrogen recombiner is in operation, with another unit on standby.

A Heise pressure gauge has been installed to provide an alternate method of determining the pressurizer level by monitoring the steam space pressure and water space pressure in the pressurizer. Testing procedures are under review. The pressurizer is being vented to the containment for about 15 minutes every 6-8 hours.

Plans for use of the robot to obtain a primary system sample have been developed.

Environmental Status

Preliminary analysis by FDA of 16 milk and miscellaneous food products collected on April 3, 1979 showed no detectable iodine concentrations in 12 samples and iodine ranging from 12-18 pCi/l in 4 milk samples. The State of Maryland reported on April 4, 1979 the results of analysis of 12 milk samples collected from 3 to 20 miles from the site. All samples were reported as less than the minimum detectable activity (MDA). One process milk sample from Harrisburg also was reported by the State of Maryland as less than MDA. Three water samples, two at Conewago and one from Holtwood Dam, were reported as less than MDA by the State of Maryland.

CONTINUED

FDA collected 5 other milk samples on April 3, 1979, two of which showed iodine concentrations of 12 and 17 pCi/l. One showed no detectable iodine and there are no results for the other two samples. One of these samples showed a cesium concentration of 13 pCi/l; there are no cesium results for the other four. The State of Pennsylvania analysis of 15 milk samples collected on April 3, 1979 showed one with iodine at 19 pCi/l, 13 with no detectable iodine, and 1 with no result. Four showed cesium levels ranging from 10-26 pCi/l and there are no results for the other 11 samples. All of the samples collected by the State and FDA were split samples, i.e., shared to obtain independent results.

Continuous ground level radiation surveys performed on April 4, 1979 by the NRC survey teams on the east and west sides of the Susquehanna River from a distance of 4 miles north to 4 miles south of TMI showed radiation levels averaging less than 0.03 mR/hr on the east side of the river and 0.01 to 0.04 mR/hr on the west side of the river. Prevalent wind direction during the day was from the east.

Six ARMS surveys were performed on April 4, 1979 at: 0001, 0300, 0600, 0900, 1200 and 1522 hours. The flights identified the plume to be in the sections of 200° and 300°. The maximum radiation levels were detected during the 0600 flight during which levels of 1.2 mR/hr were detected using portable survey meters. The 1522 flight used normally installed ARMS instrumentation and measured radiation levels of about 0.1 mR/hr (about 5 times background) at 1 mile distance and about 0.06 mR/hr (about 3 times background) at 2 miles distance.

On April 4, a 40-minute air sample taken about 0100 near York Haven, and a 60-minute sample taken about 1300 in Goldsboro, both indicated less than 1×10^{-10} μCi/ml I-131 (maximum permissible concentration for unrestricted areas).

Dose rates in populated areas as measured by NRC thermoluminescent dosimeters (TLDs) showed only minor changes from the previous day. Minor fluctuations are expected at these low dose rates. Following are the exposure rates for previously reported locations:

Dose Rate (Milliroentgens per Hour)

	4/1/79	4/2/79	4/3/79	4/4/79
Falmouth	0.15	0.01	0.20	0.04
Middletown	0.04	0.01	0.02	0.01
Goldsboro	0.13	0.05	0.07	0.07
Goldsboro	0.04	0.02	0.05	0.02
Lewisberry	0.05	0.02	0.04	0.03
Pleasant Grove	0.04	0.02	0.06	0.01
York Haven	0.07	0.02	0.10	0.05
Conewago Heights	0.04	0.02	0.07	0.02
Emigsville	0.05	0.02	0.07	0.02

CONTINUED

Occupational Radiation Exposures

Three occupational radiation doses in excess of the regulatory limit of 3 rems per calendar quarter have been confirmed. All three exposures were licensee personnel and were approximately 4 rems (this includes the two exposures reported in PNO-79-67B).

To date on April 4, 1979, there have been 12 individuals with doses greater than 2 rems but less than 3 rems. Three doses are for the period January 1 to April 4, 1979, but it is believed the majority of exposure was received as a result of the incident. More specific occupational exposure data is expected to be available in the near future.

Industrial Waste Treatment System (IWTS)

As of 0500 on April 5, 1979, the IWTS sump was 74% filled with about 100,000 gallons of capacity still available. The State of Pennsylvania approved release of material from the IWTS that does not exceed permissible values. No releases have been made as of 0500.

Other Information

At about 5:00 pm on April 4, 1979, the licensee initiated the shipment of solidified low level waste which was collected from Unit 1 prior to the Unit 2 event of March 28, 1979. Additional shipments will be made twice daily. The waste is being sent to the Chem Nuclear facility in South Carolina.

The attached table of collective doses updated to April 3 was prepared by a joint NRC/HEW/EPA study group.

Contact: DThompson, IE x28487 NCMoseley, IE x28160

Distribution: Transmitted H St 8:40

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Commissioner Bradford
Commissioner Ahearne
S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)

Transmitted: MNBB 8:47
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

P. Bldg 8:52
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 8:56
W. J. Dircks, NMSS
Saul Levin, RES

J. G. Davis, IE
Region I
Region II
Region III
Region IV
Region V
9:05
(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

Distribution:
IE (TMI) Site: 8:45 (Provide copy to STATE)
White House Situation Room 9:50
EPA 11:00
FDA/BRH 11:30
DOE/EOC 9:35
FDDA/FEMA 11:56
BRP (State of PA) 12:02
DCPA 12:20
HEW _____

Handcarry (FAA)

IMMEDIATE

PRELIMINARY NOTIFICATION

COMPARISON OF COLLECTIVE DOSES TO POPULATION
WITHIN 50 MILES OF THREE MILE ISLAND
NULEAR GENERATING STATION

Source		Whole-Body Collective Dose (man-rem)	Average Dose to Individual (mrem/year)
Natural Background			
One year's exposure (FES)	(1970 population)	233,000	125
	(1980 population)	270,700	
Normal Operation (FES) (1970 population)			
One year's exposure (all sources)		31	0.017
Gaseous effluents		2.05	0.0011
30-year operation		930	0.017
Preliminary Estimate of Accident Dose			
Cumulative up to noon 4/3/79		2000	1.0

1970 population	1,868,000
1980 census projections	2,165,651

Note: 1 mrem (millirem) = 0.001 rem
FES = Final Environmental Statement

IMMEDIATE
PRELIMINARY NOTIFICATION

April 6, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67L

This preliminary notification constitutes summary information of an event of safety or public interest significence. The information presented in a summary of information as of 7:00 a.m. on 4/6/79.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

Reactor pressure is about 1075 psi with bulk core coolant inlet and outlet temperatures at about 285 degrees F. Core thermocouple readings are relatively unchanged and indicate a maximum temperature of 448 degrees F, well below saturation temperature for the present reactor pressure. Three thermocouple readings remain above 400 degrees F. Thirty thermocouples are being monitored.

Containment atmosphere measurements indicate less than 2% hydrogen. One hydrogen recombiner is in operation, with the second unit on standby.

A Heise pressure gauge, installed to provide an alternate method of monitoring pressurizer level, has been unsatisfactorily pressure tested. (Boron crystals indicate leakage from an elbow in the bypass line around the sample cooler.)

Plans to vent Make-Up Tank (MUT) and one of the Waste Gas Decay Tanks (WGDT) gases to containment have been approved by the NRC. Waste Gas Decay Tank "A" venting to the containment was started at approximately 0545 on April 6, 1979. Venting was terminated at 0630 following an approximately ten-fold increase in radiation levels detected by the auxiliary building exhaust monitor.

Environmental Status

Periodic ground level radiation surveys performed on April 5, 1979 by the NRC survey teams on the east and west sides of the Susquehanna River from a distance of 4 miles north to 4 miles south of TMI detected radiation levels averaging less than 0.01 mR/hr on the west side and from 0.01 to 0.15 mR/hr on the east side. Prevalent wind direction during the day was from the west-northwest.

ARMS surveys were performed on April 5, 1979 at 0600, 0950, 1430, 1515, 1649, and 2120 hours. The flights identified the plume in the sector 110° to 130°. The maximum radiation levels were detected during the 0950 flight during which levels of 0.3 mR/hr were measured at 1 mile. Between 3 and 10 miles, the measured levels were from 0.03 to 0.05 mR/hr.

The State of Pennsylvania reported data on milk, water, precipitation and grass samples. Analysis of ten milk samples collected on April 4 and 5 detected no radioiodine above the minimum detectable activity (MDA). Also, the results of analysis of water samples collected from five cities surrounding TMI from March 31, 1979 to April 4, 1979 detected no levels of iodine above the MDA, as did analysis of precipitation and grass samples for April 2 and 4.

Dose rates in populated areas as measured by NRC thermoluminescent dosieters (TLDs) showed only minor changes from the previous day. Minor fluctuations are expected at these low dose rates. Ten additional TLD stations at area schools were established on April 5 (making a total of 47 stations). Following are the exposure rates for previously reported locations:

Dose Rate (Milliroentgens per Hour)

	4/1/79	4/2/79	4/3/79	4/4/79	4/5/79
Falmouth	0.15	0.01	0.20	0.04	0.02
Middletown	0.04	0.01	0.02	0.01	0.01
Goldsboro	0.13	0.05	0.07	0.07	0.05
Goldsboro	0.04	0.02	0.05	0.02	0.03
Lewisberry	0.05	0.02	0.04	0.03	0.02
Pleasant Grove	0.04	0.02	0.06	0.01	0.01
York Haven	0.07	0.02	0.10	0.05	0.01
Conewago Heights	0.04	0.02	0.07	0.02	0.01
Emigsville	0.05	0.02	0.07	0.02	0.02

Population Exposure Estimates

Representatives from NRC, EPA and HEW have made estimates of the radiation doses to the public around TMI based primarily on TLD data. The calculated population dose increment for 4/3/79 to 4/4/79 is 70 man-rems. The total cumulative, 50 mile radius population dose since 3/28/79 is estimated to be 2100 man-rems with an average dose to an individual of 1.1 millirems. The estimated maximum dose to an individual offsite (hypothetical, continuously present 0.5 mile NE of plant) is estimated to be less than 100 millirem.

Industrial Waste Treatment System (IWTS)

Industrial waste discharge (other than sewage) began about 3 a.m., 4/6/79 at an average rate of 100 gpm with Iodine 131 radioactivity of 2.3 x 10^{-5} microcuries per milliliter into the 58,000 gpm cooling tower discharge to the river. The Unit 1 waste evaporator condensate storage tank is also being discharged. The licensee has calculated the release to the river to be about two-thirds the MPC for continuous discharge of Iodine 131 from both units. The discharge from the Unit 2 Industrial Waste Treatment System was stopped at approximately 0400 on 4/6/79 to collect and analyze a sample.

Other Information

IE Bulletin 79-05A was issued on April 5, 1979 and required additional actions by Babcock and Wilcox power reactor facilities with a operating license.

Contact:

Distribution: Transmitted H St 12:00p.

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Commissioner Bradford
Commissioner Ahearne
S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)

Transmitted: MNBB 12:10p.
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

P. Bldg ~~12:15~~ 1244
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg ~~12:15~~ 12:55
W. J. Dircks, NMSS
S. Levine, RES

J. G. Davis, IE
Region I 1:05
Region II 10:10
Region III 1:10
Region IV 1:15
Region V 1:22
(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

IE (TMI) Site 11:30p.m (Provide copy to STATE)
White House Situation Room 1:55
EPA 2:15
FDA/BRH 2:16
DOE/EOC 2:40
FDDA/FEMA 2:16
BRP (State of PA) 2:50
DCPA 3:00
HEW (Picked up)

Handcarry (FAA)

April 7, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67M

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on 4/7/79.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status:

The reactor pressure is about 1075 psi with bulk core coolant inlet and outlet temperatures at about 285° F. At approximately 1:25 p.m. on April 6, reactor coolant pump 1A tripped and reactor coolant pump 2A was started within about two minutes. After the change in operating pumps, there was a shift in the core thermocouple readings. The three thermocouples that had readings above 400° F are presently reading between 285° F and 315° F. The central thermocouple (position 8H) reading changed from approximately 375° F to 455° F and is now reading 453° F, the only reading above 400° F. The average temperature of the 30 thermocouples being monitored is 304° F.

The venting of Waste Gas Decay Tanks (WGDT) "A" and "B" to the containment building was resumed at 9:15 a.m. on April 6, 1979 and stopped at about 3:00 a.m. on April 7 when the pressures of WGDT "A" and "B" were 32 and 30 psig, respectively. At the time the venting was secured, a small release occurred resulting in radiation readings somewhat lower than previously experienced during such operations. Following venting of the WGDT to containment, the hydrogen concentration in the containment was slightly greater than 2%.

The discharge to the river from the industrial waste storage tanks (IWST) was resumed at 6:15 a.m. on April 6, 1979 at an average rate of 100 gpm. The IWST level is now about 52%.

Environmental Status:

Off-site radiation levels as identified by NRC survey teams continue to range between 0.01 and 0.1 mr/hr. These routine survey results were obtained on the east and west sides of the Susquehanna River at distances of four miles north and south of TMI. Prevailing winds during April 6 were from 270° to 300° (SSE).

CONTINUED

ARMS surveys were performed at 0700 and 1810 on April 6, 1979. The surveys identified a plume in the 120°-140° sector during both flights. The maximum radiation level identified during the 0700 survey was 0.3 mr/hr one mile from the site at 900 feet elevation. The 1810 flight identified 0.05 mr/hr three miles from the site at 500 feet elevation.

The State of Pennsylvania reported an iodine 131 level of 12 picocuries per liter (pCi/l) for one milk sample collected on April 5, 1979. Pennsylvania's minimum detectable activity (MDA) for this type of measurement is 10 pCi/l. The State of Maryland reported iodine 131 levels less than MDA (10 pCi/l) for one sample collected on April 4, 1979 and a second collected on April 5, 1979.

Airborne concentrations for 34 EPA samples collected between April 4, 1979 and April 5 were reported as at or less than MDA (1.8×10^{-13} microcuries per milliliter).

No new data regarding vegetation and water samples have been reported.

Dose rates in populated areas as measured by NRC thermoluminescent dosimeters (TLDs) showed only minor changes from the previous day. Minor fluctuations are expected at these low dose rates. Ten additional TLD stations at area schools were established on April 5 (making a total of 47 stations). Following are the radiation dose rates for previously reported locations:

	Dose Rate (Milliroentgens per Hour)					
	4/1/79	4/2/79	4/3/79	4/4/79	4/5/79	4/6/79
Falmouth	0.15	0.01	0.20	0.04	0.02	0.02
Middletown	0.04	0.01	0.02	0.01	0.01	0.01
Goldsboro	0.13	0.05	0.07	0.07	0.05	0.03
Goldsboro - South	0.04	0.02	0.05	0.02	0.03	0.02
Lewisberry	0.05	0.02	0.04	0.03	0.02	0.02
Pleasant Grove	0.04	0.02	0.06	0.01	0.01	0.02
York Haven	0.07	0.02	0.10	0.05	0.01	0.02
Conewago Heights	0.04	0.02	0.07	0.02	0.01	0.02
Emigsville	0.05	0.02	0.07	0.02	0.02	0.02

Contact: DThompson, IE x28487 NCMoseley, IE x28160

CONTINUED

Distribution: Transmitted H St 9:50

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Commissioner Bradford
Commissioner Ahearne
S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)

Transmitted: MNBB 9:55
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

P. Bldg 9:57
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 9:59
W. J. Dircks, NMSS
Saul Levine, RES

J. G. Davis, IE
Region I 10:00
Region II ~~10:05~~ 10:19
Region III ~~10:14~~ 11:10
Region IV 10:13
Region V 10:23
(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

Distribution:
IE (TMI) Site: 10:30 (Provide copy to STATE)
White House Situation Room 10:33
EPA 11:13
FDA/BRH 11:30
DOE/EOC 11:40
FDDA/FEMA 11:30
BRP (State of PA) 11:45
DCPA 12:10
HEW _____

Handcarry (FAA)

IMMEDIATE

PRELIMINARY NOTIFICATION

April 8, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67N

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on 4/8/79.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

Bulk coolant inlet and outlet temperatures are about 281 degrees F. The average core thermocouple temperature is about 299 degrees F, and the higher thermocouple reading (8H) is about 442 degrees F.

At approximately 1955 hours, April 7, the licensee began lowering reactor coolant system pressure in 50 psi increments at a maximum rate of 5 psi per minute. This will continue until pressure reaches 500 psi, providing a 100 psi safety margin above saturation for the current temperature of the highest reading thermocouple. This is a step toward cold shutdown and includes degasification to prevent bubble formation as pressure and temperatures decrease.

During the initial pressure decrease to 700 psi, the auxiliary building stack monitors showed an increase of a factor of 10 at 2213 hours, April 7. Later information indicates that about 1400 gallons of borated water were added to the makeup tank during the initial pressure reduction, causing some gas to leak from the vent header. The ARMS helicopter reported a slight increase in readings downwind (south) of the site. Pressure was held steady for a short period and the auxiliary stack monitors decreased to the original readings. During the following pressure cycles there have been no increases in the radiation readings.

Hydrogen concentration in containment is about 1.9%.

At 2130 hours PST, April 7, airlifting of backup charcoal filters for the auxiliary building stack was initiated from Pasco, WA, to Harrisburg, PA.

The Unit 2 miscellaneous waste tank is being pumped to a bleed holdup tank in preparation for pumping the auxiliary building sump dry. IWTS discharge was stopped late on April 7 when the level reached 32%.

CONTINUED

Environmental Status

Offsite radiation levels identified by NRC survey teams continue to range between 0.01-0.1 mR/hr. These routine survey results were obtained on the east and west sides of the Susquehanna River at distances of 4 miles north and south of the site. Prevailing winds during April 7 were generally from about 320°.

ARMS surveys were performed on April 7 at 0600-0630 hours and 1800-1845 hours. The surveys identified a narrow plume in the 140°-150° sector during both flights. A maximum radiation level of 0.04 mR/hr at 1-10 miles was identified during the 0600-0630 hours flight. The 1800-1845 hours flight identified a maximum reading of 0.05 mR/hr at 1 mile from the site.

The following milk sample results were reported by the licensee.

	Iodine Concentration (picocuries/liter)*					
Location	3/29	3/30	3/31	4/1	4/2	4/3
1.1 miles east-northeast	< 1		8.5	4.5	3	1
1.6 miles southeast	< 1	-	21	-	4	2
2.7 miles west-northwest	< 3	-	4	-	3	2
control 12 miles north-northeast	< 1	-	< 1	< 1	< 1	< 1

*HEW Action Level: 12,000 picocuries/liter

The following table lists the composite results for milk samples collected by various agencies between 3/28/79 - 4/4/79.

Description	STATE	FDA	EPA
Number of analyses performed	133	84	4
Number of positive results	7	53	2
Average value of positive results (pCi/l)	15	19	17
Range of positive results (pCi/l)	11-20	9-41	10-24
Average MDA (pCi/l)	20	11	10

The following iodine-131 concentrations in air and water were identified by the licensee:

CONTINUED

a. Air Samples — Results (picocuries per cubic meter)**

Location	3/28-3/29	3/29-3/31	3/31-4/3
0.4 mile north	0.47	22.6	0.11
2.3 miles south-southeast	< 0.2	22.1	1.39
0.4 " east	< 0.02	20.3	0.27
15 " northwest	< 0.03	1.83	< 0.024
9 " southeast	< 0.04	0.27	0.16
2.6 " north	0.08	12.7	0.051
1.6 " west-southwest	< 0.30	23.9	0.07
13 " south	< 0.02	0.14	0.36

**10 CFR 20 MPC: 100 picocuries/cubic meter

b. Water Samples — Collected on 4/3/79

Location	Results***
Swatara Creek (2.3 miles north)	< 0.2 pCi/l
Brunner Island (4.1 miles south-southeast	"
Columbia water treatment plant (15 miles southeast)	"
York Haven (3 miles southeast)	"
York (15 miles southeast)	"

***10 CFR 20 MPC: 100 picocuries/liter

New data regarding dose rates in populated areas have not been processed.

Contact:

Distribution: Transmitted H St 7:50

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)

Transmitted: MNBB 7:52	P. Bldg 7:55	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 8:02
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 8:05
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 8:08
N. M. Haller, MPA	V. Stello, NRR	Region IV 8:15
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 7:17
H. K. Shapar, ELD	SS Bldg 7:58	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

CONTINUED

IE (TMI) Site 8:22 (Provide copy to STATE)
White House Situation Room 9:30
EPA 9:25
FDA/BRH 9:18
DOE/EOC 8:35
FDDA/FEMA 9:18
BRP (State of PA) 10:30
DCPA 10:45
HEW _____

Handcarry (FAA)

IMMEDIATE
PRELIMINARY NOTIFICATION

(CORRECTED COPY)
IMMEDIATE
PRELIMINARY NOTIFICATION

April 9, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67P*

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 6:00 a.m. on 4/9/79.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

Bulk coolant inlet and outlet temperatures are about 280 degrees F. The average core thermocouple temperature is about 300 degrees F, and the highest thermocouple reading (8H) is about 425 degrees F.

At approximately 0430 hours, April 9, the reactor coolant system pressure reached the 400 psig endpoint established for the second degassing evolution. At lower pressures in the 400 to 1,000 psig range, noise monitoring indicated possible presence of some gas in Loop B of the reactor cooling system Noise monitoring verified re-solution of gas with time. The operating reactor coolant pump vibration increased to 8.5-9 mils but the level of vibration was still significantly below the limit (30 mils). Pressure variation for degassing is continuing. Following reduction to 400 psig, the licensee plans to increase pressure to the 900-1,000 psig range and a phased cooldown is under consideration as the next step.

The licensee requested and received permission to temporarily change the minimum pressurizer level to 150" from 200" to prevent high pressurizer levels on pressure decreases.

At approximately 1320 hours, April 8, the reactor coolant system began to heat up. This was due to a decrease in steam generator level. Steam Generator A level was increased to decrease the primary temperature.

Hydrogen concentration in containment is about 1.85%.

At approximately 1942 hours EST, the last airplane involved in the filter airlift left Pasco, WA, for Harrisburg, PA.

CONTINUED (CORRECTED COPY)

*(The letter "O" was not used, previous issuance was PNO-79-67N)

ENVIRONMENTAL STATUS

Offsite radiation levels identified by NRC survey teams continue to range between 0.01-0.1 mR/hr. The results were obtained from routine surveys performed on the east and west side of the Susquehanna River at distances of up to 4 miles north and south of the site.

The following ARMS surveys were conducted during April 8, 1979:

TIME	MAXIMUM RADIATION LEVELS	LOCATION	DISTANCE FROM SITE
00:00-00:30	1 mR/hr	sector 180° (south)	½ - 1 mile
06:00-06:20	0.3 mR/hr	sector 200° (west-southwest)	1 mile
09:00-09:50	0.03 mR/hr	sector 170° (south-southeast)	1 mile
18:05-18:30	0.05 mR/hr	sector 275° (west-northwest)	3 miles

Eight offsite air samples collected near the NRC trailer during April 1-8 indicated iodine-131 concentrations between 0.9 - 3.3 picocuries per cubic meter (pCi/m^3). The maximum permissible concentration per 10 CFR 20 is 100 pCi/m^3.

No new data were reported for milk, water, and vegetation samples.

Offsite dose rates as determined by NRC thermoluminescent dosimeters (TLDs) indicate that present radiation levels are in close agreement with expected natural background levels. Minor fluctuations among individual TLDs are expected due to the limitations of the TLD system. Forty-seven TLDs are presently positioned at various locations around the site.

Dose rates (47 locations) as measured by NRC thermoluscent dosimeters have ranged from 0.01 to 0.02 milliroentgens per hour for the past 24-hour periods of April 7 and 8.

CORRECTED COPY

Contact: EJordan, IE x28180 NCMoseley, IE x28160

Distribution: Transmitted H St 9:55 AM

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)

Transmitted: MNBB 10:00AM	P. Bldg 10:02AM	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 10:10AM
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 10:12AM
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 10:14AM
N. M. Haller, MPA	V. Stello, NRR	Region IV 10:18AM
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 10:21AM
H. K. Shapar, ELD	SS Bldg 10:04AM	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 10:07AM (Provide copy to STATE)
White House Situation Room 10:35AM
EPA 11:08AM
FDA/BRH 11:30AM
DOE/EOC 10:27AM
FDDA/FEMA 11:30AM
BRP (State of PA) 12:13AM
DCPA 12:15pm
HEW Pickup
PEMA 1:00
Handcarry (FAA)

IMMEDIATE

PRELIMINARY NOTIFICATION
CORRECTED COPY

IMMEDIATE
PRELIMINARY NOTIFICATION

April 10, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67Q

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 6:00 a.m. on 4/10/79.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

PLANT STATUS

Bulk coolant inlet and outlet temperatures remain at about 280 degrees F. The average core thermocouple temperature is about 295 degrees F, and the highest thermocouple reading (8H) is about 400 degrees F.

A 24-hour period of additional degasification by reducing primary pressure to 400 psig in small decrements was completed on April 9. No significant change in reactor coolant pump vibration occurred during this period. Noise measurements did indicate some gas in the coolant at lower pressures, with return into solution over time. The licensee plans to repeat the degassing operation, cycling down to approximately 300 psig, and subsequently to hold reactor coolant system pressure at approximately 1000 psig. A phased cooldown is under consideration as the next step.

A primary coolant system sample is planned to be taken this morning.

Hydrogen concentration in containment is about 1.7%.

ENVIRONMENTAL STATUS

Offsite radiation levels identified by NRC survey teams range between .02 - .2 mR/hr. The higher level lasted only a short time and is believed to be associated with operation of the waste gas compressors. The results were obtained from routine surveys performed on the east and west side of the Susquehanna River at distances of up to 4 miles north and south of the site.

CONTINUED

The following ARMS surveys were conducted during April 9, 1979:

TIME	MAXIMUM RADIATION LEVELS	LOCATION	DISTANCE FROM SITE
12:38 - 13:08	2 mR/hr	sector 235 -270	1 mile
18:05 - 18:45	1 mR/hr	sector 120	1 mile

No new data were reported for milk, water, and vegetation samples.

Offsite dose rates as determined by NRC thermoluminescent dosimeters (TLDs) indicate that present radiation levels are in close agreement with expected natural background levels.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters have ranged from 0.01 to 0.05 milliroentgens per hour for the past 24-hour period of April 9.

Contact: EJordan, IE x28180 NCMoseley, IE x28160

Distribution: Transmitted H St 8:10

Chariman Hendrie
Commissioner Kennedy
Commissioner Bradford
Commissioner Ahearne
S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)

Transmitted: MNBB 8:18
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

P. Bldg 8:13
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 8:21
W. J. Dircks, NMSS
S. Levine, RES

J. G. Davis, IE
Region I 8:25
Region II 8:28
Region III 8:31
Region IV 8:37
Region V 8:40
(Mail)
J. J. Cummings, OIA
R. Minogue, SD

IE (TMI) Site 8:15 (Provide copy to STATE)
White House Situation Room 8:43
EPA 9:50
FDA/BRH 10:30
DOE/EOC 10:15
FDDA/FEMA 10:30
BRP (State of PA) 9:14
DCPA 9:55
HEW (Pickup)

Handcarry (FAA)

April 11, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67R

This preliminary notification constitutes summary information of an event of safety or public interest significante. The information presented is a summary of information as of 7:00 a.m. on 4/11/79.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

Bulk coolant inlet and outlet temperatures remain at approximately 280 degrees F. The peak core thermocouples have declined to less than 400 degrees F for the first time, the highest thermocouple reading is 398 degrees F.

Degassing operations were continued; however, after cycling down to 425 psig, pressure had to be increased because the system letdown flow rate was not sufficient to prevent an increase in the pressurizer level caused by normal coolant pump seal water leakage into the reactor cooling system. Pressure was increased to 550 psig where some degassing occurred. Pressure was subsequently increased to approximately 940 psig, where it is being held while pressurizer level is being reduced. Continued degassing operations, with reactor pressure reduced to 300 psig, is being reexamined.

A primary coolant sample was taken at approximately 0730 on April 10, 1979. Portions of the sample will be analyzed by Bettis, B&W, Oak Ridge National Laboratory and Savannah River.

The hydrogen concentration in containment is about 1.8%. The containment temperature is about 93 degrees F; the containment fans are operating, however, the cooling water to the system was shut off at about 1600 hours on April 10, 1979 due to leakage from the shaft seal packing gland on one of the Reactor Building Emergency Cooling booster pumps in the Auxiliary Building. The containment temperature at the time the cooling water was shut off was 80 degrees F.

CONTINUED

Environmental Status

Offsite radiation levels identified by NRC survey teams range between 0.02 - 0.12 mR/hr. The radiation levels appeared to be lower than yesterday. The results were obtained from routine surveys performed on the east side of the Susquehanna River at distances of up to 2 1/2 miles north and south of the site. The primary coolant sampling resulted in no discernable effect on these radiation levels.

At the request of NRC, a whole-body counter was set up in Middletown on April 10, 1979, by the Commonwealth of Pennsylvania Department of Environmental Resources. Over 300 residents who live within a 3-mile radius of Three Mile Island have signed up to be scanned. As of 1600 hours on April 10, 1979, 24 people who live closest to the site and whose families have milk cows for their own use have been scanned. The scan results reported thus far do not indicate radiation levels above normal body levels. It is expected that counting will continue until at least Saturday, April 14, 1979.

The following ARMS surveys were conducted during April 10, 1979:

Time	Maximum Radiation Levels	Location	Distance From Site
0627-0800	0.1 mR/hr	sector 310°	1 mile
1833-1913	0.15 mR/hr	sector 340°	1 mile

The State of Pennsylvania reported that an air sample taken at the observation center from March 22 to April 2 indicated 2.4 picocuries per cubic meter of iodine-131. The NRC took a 24-hour air sample near the observation center starting at 1600 hours on April 9, 1979. The results indicated 4.2 picocuries per cubic meter of iodine-131. The 10 CFR 20 limit for iodine-131 is 100 picocuries per cubic meter.

A soil and vegetable sample taken by NRC in Goldsboro on April 10, 1979 indicated no detectable activity.

Thirty-five milk samples were collected by various Federal and State agencies on April 5-6, 1979. All were less than the minimum detectable activity of 10 picocuries per liter of iodine-131.

DOE collected samples from 0800 hours on April 9 to 1600 hours on April 10, 1979, and analyzed for iodine-131. Results were as follows:

15 water samples	-	no detectable activity
12 vegetable samples	-	no detectable activity
4 soil samples	-	no detectable activity
1 air sample near Goldsboro	-	8.5 picocuries per cubic meter

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters have ranged from 0.01 to 0.03 milliroentgens per hour for the past 24-hour period of April 10, 1979. These levels are in close agreement with expected natural background levels.

Contact: RCPaulus, IE x 27246: DThompson, IE x28487

Distribution: Transmitted H St 7:27

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Commissioner Bradford
Commissioner Ahearne
S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)

Transmitted: MNBB 7141
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

P. Bldg 7:33
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 7145
W. J. Dircks, NMSS
S. Levine, RES

J. G. Davis, IE
Region I 7:49
Region II 7:56
Region III 8:07
Region IV 8:19
Region V 8:38
(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

IE (TMI) Site 7:36 (Provide copy to STATE)
White House Situation Room 11:10
EPA 10:40
FDA 12:30
DOE/EOC 10:20
PEMA 3:20
BRP (State of PA) 2:10
DCPA 3:30
HEW (Pickup)
Handcarry (FAA)

April 12, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-675

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 12, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

Bulk coolant inlet and outlet temperatures remain at approximately 280 degrees F. The peak core thermocouples remain less than 400 degrees F with the exception that one thermocouple read 401°F during reduced pressure operation.

The degassing operations were completed at about 0115 on April 12, 1979. The minimum reactor coolant system pressure was 303 psig. Noise analysis evaluations indicate considerable degassing took place during these operations. Pressure is being returned to about 1000 psig and will be held at that level.

A second pressurizer level measuring channel failed at 2045 on April 11, 1979. There is one original pressurizer level channel still operating. An approved procedure is available for monitoring pressurizer level by balancing makeup tank level. Calibration of the Heise pressure gauge (backup level indicator installed several days ago) is planned during the current increase in pressure; it is expected this will provide an additional method of monitoring pressurizer level.

Cooling water flow was restored to the coolers in the containment at 0730 on April 11, 1979, and the containment temperatures have decreased from about 93 degrees F to about 85 degrees F. The hydrogen concentration in containment is about 1.6%.

Preliminary results of the primary coolant samples analyzed at Oak Ridge and Savannah River have been received. Very little uranium was identified in either sample, supporting previous analyses which formed the basis to conclude insignificant fuel melting occurred.

Changeout of the Auxiliary Building filters has commenced. Filters on its condenser vacuum pumps are expected to be operational today.

CONTINUED

Environmental Status

Offsite radiation levels identified by NRC survey teams range between 0.02 and 0.1 mR/hr. The radiation levels continue to be low. The results were obtained from routine surveys performed on the east and west sides of the Susquehanna River at distances up to five miles north and south of the site.

By 7:00 a.m. on April 12, one hundred seventy-six local residents were scanned with the whole-body counter which was set up in Middletown. The scan results reported do not indicate radiation levels above normal body levels. Over 650 individuals have signed up to be scanned.

The following Aerial Measuring System surveys were conducted on April 11. These were previously reported as ARMS surveys. Winds were calm during these surveys.

Time	Max. Radiation Level	Distance from Site
0917-0452	0.025 mR/hr	1 mile
1700-1735	0.010 mR/hr	1 mile

The State of Pennsylvania reported that an air sample taken at the observation center from April 2 to April 10 indicated 1.4 picocuries per cubic meter of iodine-131. The NRC took a 24-hour air sample near the observation center starting at 1600 hours on April 10, 1979. The results indicated 1.6 picocuries per cubic meter of iodine-131. The 10 CFR 20 limit for iodine-131 is 100 picocuries per cubic meter.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters have ranged from 0.01 to 0.02 milliroentgens per hour for the past 24-hour period of April 11, 1979. These levels are in close agreement with expected natural background levels.

At 0100 hours on April 12, 1979, two tanks previously used as temporary storage for Unit 2 condensate storage tank overflow left the site for New Jersey to undergo some repair work. The tanks had been flushed previously and sample results from one tank indicated levels of radioactivity of 1×10^{-6} uCi/ml gross beta activity. While the truck drivers had obtained property releases for the tanks they had not obtained radiation safety releases. Shortly after the trucks departed the site, the error was realized. At the request

of the Unit 2 Shift Supervisor, NRC personnel contacted the Pennsylvania State Police and the truck from which the high gross beta activity sample was obtained was intercepted about 5 miles outside of Harrisburg and escorted back to the site where it arrived at about 0300 hours. The returned tank was surveyed and no leakage or external radiation levels were detected. A sample of the tank's residual liquid contents was taken and is being analyzed. The licensee is making procedural revisions to prevent recurrence of the problem.

Corrections:

PNO-79-67N, dated April 8 - Item b on page 3 listed the MPC for iodine-131 as 100 picocuries per liter. It should have read 300 picocuries per liter.

PNO-79-67R, dated April 11 - On page 2, the ARMS results were listed as 0.15 mR/hr for the 1833 to 1913 survey. It should have read 0.015 mR/hr. Also the ARMS surveys were described as being in sector 310° for the 0627-0800 survey and in sector 340° for the 1833 - 1913 survey. It should have read 130° and 160°, respectively.

Contact: RCPaulus, IE x27246 DThompson, IE x28487

Distribution: Transmitted H St 9:48

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)

Transmitted: MNBB 9:53	P. Bldg 9:44	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 10:42
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 10:05
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 10:20
N. M. Haller, MPA	V. Stello, NRR	Region IV 10:32
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 10:54
H. K. Shapar, ELD	SS Bldg 9:57	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 10:25 (Provide copy to STATE)
White House Situation Room 10:17
FDAA 9:47 (Provide copies to the Administrator and the Operations Center)
EPA ~~[illegible]~~ 11:10
DOE/EOC 10:38
PEMA 12:45
BRP (State of PA) 11:31
DCPA 1:50
HEW (Pickup)
Handcarry (FAA)

April 13, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67T

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 13, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

Bulk coolant inlet and outlet temperatures remain at approximately 280 degrees F. The peak core thermocouple readings have declined to below 385 degrees F. The primary system pressure is being maintained between 950 psig and 1000 psig.

There are presently two of the three original pressurizer level channels in operation (the pressurizer level indicator that was reported to have failed on April 11 started to function again at 1955 on April 12 and has been tracking reasonably well). Calibration of the Heise pressure gauge is in progress. A differential pressure sensor is being installed on the pressurizer instrument lines in an attempt to provide an additional method of monitoring pressurizer level.

The hydrogen recombiner tripped off at 0115 on April 13 (burned out heaters). The hydrogen concentration in the containment building was about 1.5% at 2200 on April 12. A decision has not been been made whether to replace the heaters or to initiate operation of the backup recombiner.

Environmental Status

The maximum offsite radiation level identified by NRC survey teams was 0.02 mR/hr. The results were obtained from routine surveys performed on the east and west sides of the Susquehanna River at distances up to five miles north and south of the site.

By 4:15 p.m. on April 12, 214 local residents were scanned with the whole-body counter which was set up in Middletown. The scan results reported to not indicate radiation levels above normal body levels.

CONTINUED
IMMEDIATE PRELIMINARY NOTIFICATION

The following Aerial Measuring System surveys were conducted on April 12. Winds were calm during these surveys.

Time	Max. Radiation Level	Distance from Site
0938 - 1016	0.03 mR/hr	1 mile
1510 - 1603	0.01 mR/hr	1000 feet

The NRC took a 24-hour air sample near the observation center starting at 1600 hours on April 11, 1979. The results indicated less than 2.2 picocuries per cubic meter of iodine-131. The 10 CFR 20 limit for iodine-131 is 100 picocuries per cubic meter.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters for the past 24-hour period of April 12, are in close agreement with expected natural background levels.

Samples of air, water, soil and vegetation continue to be analyzed by Federal agencies. DOE reported the following positive results:

> 2 of 30 vegetation samples yielded 80 to 260 microcuries per square meter (uCi/m^2) iodine-131. The minimum detectable activity (MDA) is 30 uCi/m^2. The remaining 28 samples were below MDA. 12 soil samples were less than the MDA of 600 uCi/m^2.

All air and water analyses by DOE and EPA were less than the MPC in 10 CFR 20.

Exposures of Met Ed and Contractor personnel from March 29 to April 11 are:

Dose Range (Whole Body Gamma)	Number in Range
100 - 250 mrem	118
251 - 500 mrem	25
501 - 750 mrem	12
751 - 1000 mrem	2
1000 - 2000 mrem	3
2000 - 3000 mrem	0
3000 - 4000 mrem	3*

* Reported in PNO-79-67K

Contact: RCPaulus, IE x27246 DThompson, IE x28487

Distribution: Transmitted H St 7:16

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)

Transmitted: MNBB 7:30	P. Bldg 7:34	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 7:42
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 7:53
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 7:57
N. M. Haller, MPA	V. Stello, NRR	Region IV 8:03
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 8:07
H. K. Shapar, ELD	SS Bldg 7:38	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 7:21 (Provide copy to STATE)
White House Situation Room 7:52
FDAA 7:25 (Provide copies to the Administrator and the Operations Center)
EPA 8:17
DOE/EOC 9:05
PEMA 9:40
BRP (State of PA) 8:18
DCPA 8:42
HEW (Pickup)

Handcarry (FAA)

IMMEDIATE
PRELIMINARY NOTIFICATION

April 13, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67T (Correctio

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 12, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

The radiation activity for soil and vegetation samples on page 2 of PNO-79-67T should read:

".... 80 to 260 picocuries per square meter (pCi/m^2) iodine-131. The minimum detectable activity (MDA) is 30 pCi/m^2. The remaining 28 samples were below MDA. Twelve (12) soil samples were less than the MDA of 600 pCi/m^2."

Contact: RCPaulus, IE x27246; DThompson, IE x28487

Distribution: Transmitted H St 9:45a

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)
Transmitted: MNBB 9:46a	P. Bldg 9:48	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 9:55
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 10:06
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 10:00
N. M. Haller, MPA	V. Stello, NRR	Region IV ~~10:02~~ 10:05
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 10:03
H. K. Shapar, ELD	SS Bldg 9:50	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 9:56 (Provide copy to STATE)
White House Situation Room 10:35
FDAA 10:45 (Provide copies to the Administrator and the Operations Center)
EPA 10:55
DOE/EOC 10:20
PEMA 11:00
BRP (State of PA) 11:10
DCPA 11:20
HEW (Pickup)
Handcarry (FAA)

April 14, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67U

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 14, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status:

At 1003 on April 13, 1979, cooldown of the primary coolant system was initiated marking the first step toward placing the reactor into natural circulation. It is anticipated that the primary system would be cooled from 280 degrees F to approximately 230 degrees F during this phase. As of 0200 on April 14, primary coolant temperature had decreased to approximately 250 degrees F and cooldown had slowed considerably. Four of the incore thermocouple readings remained above 300 degrees F with the highest at 350 degrees F.

A pressurized primary coolant sample was taken on April 13 and is being sent to Idaho Falls, Idaho for analysis by Allied Chemical. The sample left Harrisburg at 0400 on April 14 and estimated time of arrival at Idaho Falls is 0945 EST.

Environmental Status:

Offsite radiation levels identified by NRC survey teams were consistent with normal background levels (0.02 mR/hr maximum). The results were obtained from routine surveys performed on the east and west sides of the Susquehanna River at distances up to five miles north and south of the site.

By 11:15 a.m. on April 13, 1979, 292 local residents were scanned with the whole body counter located in Middletown. Scan results indicate no radiation levels above normal body levels.

The following Aerial Measuring System surveys were conducted on April 13. Wind speed ranged from 14 to 16 mph. No defined plume was identified.

Time	Max. Radiation Level	Distance from Site
0908 - 0940	0.03 mR/hr	1000 feet
1454 - 1530	0.03 mR/hr	900 feet

The NRC took a 24-hour air sample near the observation center starting at 1600 hours on April 12, 1979. The results indicated less than 1.5 picocuries per cubic meter of iodine-131. The 10 CFR 20 limit for iodine-131 is 100 picocuries per cubic meter.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters for the past 24-hour period of April 13 are near expected natural background levels.

The State of Maryland reported finding less than 6 picocuries of iodine per liter of milk in 6 samples taken during April 7 to April 11. The milk samples were taken from farms around TMI.

Sixty-two EPA air samples collected on April 9 and 10, indicated no detectable activity, while six indicated activities which ranged from 0.092 to 0.81 picocuries per cubic meter of iodine-131. EPA samples of milk, soil, vegetation, water and various species of fish did not reveal any activity above background.

Correction to PNO-79-67E dated March 31, 1979. The initial report of licensee TLD data was based on a telephone report. The following is based on the TLD vendor's formal report. The first quarter 1979 TLD readings ranged from background to a high of 1044 mR at the licensee fence in the NNW sector. The highest reading TLD located in an offsite populated area was about 26 mR of which about 15 mR was background exposure. A TLD located midway across the north bridge about 0.3 miles NNE of the plant recorded 44 mR, including background. These revised estimates do not significantly affect previous estimates of population doses.

Contact: RCPaulus, IE x27246 DThompson, IE x28487

Distribution: Transmitted H St 10:25

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)

Transmitted: MNBB 10:28	P. Bldg 10:32	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 10:43
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 10:50
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 10:53
N. M. Haller, MPA	V. Stello, NRR	Region IV 10:59
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 11:04
H. K. Shapar, ELD	SS Bldg 10:36	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 10:39 (Provide copy to STATE)
White House Situation Room 1324
FDAA 13:04 (Provide copies to the Administrator and the Operations Center)
EPA
DOE/EOS 11:11
PEMA
BRP (State of PA) 1407
DCPA 1345
HEW (Pickup)

Handcarry (FAA)

IMMEDIATE
PRELIMINARY NOTIFICATION

April 15, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79-67V

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 15, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status:

As of 0600 on April 15, 1979, primary coolant temperature had stabilized at approximately 250 degrees F. Four of the incore thermocouple readings remain above 300 degrees F with the highest at 348 degrees F.

The hydrogen recombiner that failed on April 13 has been repaired and is in the process of being restored to service.

The staff has completed a preliminary evaluation of TMI-2 fuel damage. Examinations of data from core thermocouples, incore detectors and excore ion chambers, and analyses of core parameters such as primary coolant pressure for the first fifteen hours of the transient show several periods of significant core uncovery. These were time periods during which portions of the fuel elements were cooled by steam rather than pressurized water which is the normal cooling method.

It was during these periods of deficient cooling that extensive damage to the fuel elements occurred. This damage occurred primarily by oxidation of the fuel cladding and other zirconium alloy components, which were embrittled and lost structural integrity in some regions of the core. Estimates of the extent of damage were calculated from fission product and hydrogen releases inside the plant and radiochemical analysis of the reactor coolant water. The analyses indicate that significant cladding oxidation occurred in the upper regions of the core and most fuel rods have some damage. The core geometry in the upper regions of the core, especially near the center, is believed to be severely distorted due to loss of fuel cladding integrity in that region. However, the lower and peripheral portions of the core are believed to have retained their basic structural integrity. The highest fuel temperature during the transient is estimated by these damage mechanism analyses to be well below the 5100 degrees F fuel melting point. Previous results of radiochemical analyses of primary coolant samples support this conclusion of little or no fuel melting.

CONTINUED

Environmental Status:

Offsite radiation levels identified by NRC survey teams were consistent with normal background levels (0.02 mR/hr maximum). The results were obtained from routine surveys performed on the east and west sides of the Susquehanna River at distances up to five miles north and south of the site.

By 9:30 a.m. on April 14, 1979, 375 local residents were scanned with the whole body counter located in Middletown. Scan results indicate no radiation levels above normal body levels.

The following Aerial Measuring System surveys were conducted on April 14. Wind speed was variable. The principle isotope is Xe-133.

Time	Max. Radiation Level	Sector	Distance from Site
1138 - 1221	0.04 mR/hr	270°	1000 feet

The NRC took a 24-hour air sample near the observation center starting at 1600 hours on April 13, 1979. The results indicated less than 3.0 picocuries per cubic meter of iodine-131. The 10 CFR 20 limit for iodine-131 is 100 picocuries per cubic meter.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters for the past 24-hour period of April 14 are near expected natural background levels.

A pressurized primary coolant sample was taken April 13, 1979. The six individuals involved received a total radiation dose of 800 mrem. The highest individual dose was 270 mrem.

During the period of 1600 hours on April 13 to 1600 hours on April 14, DOE collected and analyzed the following samples:

Number/Type	I-131 MDA
4 Water	7×10^{-8} microcuries/cubic centimeter
4 Vegetation	0.04 nanocuries/square meter
4 Air (3 ground level and 1 helicopter)	3×10^{-12} microcuries/cubic centimeter
12 Total	

All water, 3 vegetation, and 1 ground level air samples indicated less than MDA for I-131. One vegetation (grass) sample indicated 0.16 nanocuries/square meter I-131. Two ground level air samples (collected at the same location and time side-by-side on April 13 at 11:45 a.m.) indicated I-131 levels of 9.5 picocuries per cubic meter. An air sample taken by helicopter 100 meters downwind of the auxiliary building stack (within the restricted area) indicated an I-131 activity of 119 picocuries per cubic meter. The 10 CFR 20 limit is 9000 picocuries per cubic meter.

The cause of this increase in radioactivity in certain environmental samples is not known but is under investigation. It is possible that the increase is the result of the change-out of the charcoal filters.

Contact: GCGower, IE x27246 DThompson, IE x28487

Distribution: Transmitted H St 1520

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		

Transmitted: MNBB 1555

L. V. Gossick, EDO	P.Bldg 1524	J. G. Davis, IE
H. L. Ornstein, EDO	H. R. Denton, NRR	Region I 1600
J. J. Fouchard, PA	R. C. DeYoung, NRR	Region II 16:25
N. M. Haller, MPA	R. J. Mattson, NRR	Region III 16:03
R. G. Ryan, OSP	V. Stello, NRR	Region IV 16:05
H. K. Shapar, ELD	R. S. Boyd, NRR	Region V 16:07
	SS Bldg 1580	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 16:30 (Provide copy to STATE)
White House Situation Room 16:40
FDAA 17:40 (Provide copies to the Administrator and the Operations Center)
EPA 17:52
DOE/EQS 17:50
PEMA no answer
BRP (State of PA) 18:05
DCPA 18:20
HEW (Pickup)

Handcarry (FAA)

April 16, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67W

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 16, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status:

The primary coolant temperature remains at approximately 250 degrees F. Four of the incore thermocouple readings remain above 300 degrees F with the highest at 344 degrees F.

The hydrogen recombiner that failed on April 13 has been repaired and is in service. At 0800 on April 15, 1979, the hydrogen concentration was reported to be 1.46% compared to the reading of 1.48% reported at 2200 hrs. on April 12, 1979 before the recombiner failed.

Environmental Status:

Offsite radiation levels indentified by NRC survey teams were consistent with normal background levels (0.02 mR/hr. maximum). The results were obtained from routine surveys performed on the east and west sides of the Susquehanna River at distances up to five miles north and south of the site.

By 4:00 p.m. on April 15, 1979, 482 local residents had been scanned with the whole body counter located in Middletown. Scan results indicated no radiation levels above normal body levels.

The following Aerial Measuring System survey was conducted on April 15. Wind speed variable 5-20 mph.

Time	Max. Radiation Level	Sector	Distance from Site
1700-1815	0.013 mR/hr	120°	1/4 mile (elevation 300 ft)

The NRC took an air sample near the observation center starting at 1200 on April 14 and ending at 1700 on April 15. Analysis of this sample indicated that the concentration of iodine-131 during the 29 hour period averaged 4.1×10^{-12} uc/cc.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters for the past 24-hour period of April 16 are near expected natural background levels.

Iodine cartridge measurements (from the Unit 2 vent stack) indicate that increased iodine release rates began occurring on or around April 12. Iodine concentrations measured in the ventilation stack are:

Time	Activity (uc/cc)
4/10 (1608) - 4/11 (1800)	2.3×10^{-8}
4/11 (1920) - 4/13 (2315)	1.2×10^{-7}
4/14 (1030) - 4/14 (1915)	1.4×10^{-7}
4/14 (1915) - 4/15 (0525)	2.5×10^{-7}
4/15 (0525) - 4/15 (0804)	2.7×10^{-7}
4/15 (0805) - 4/15 (1802)	3.8×10^{-7}
4/15 (1802) - 4/15 (2140)	2.1×10^{-7}

Environmental samples obtained during this period have shown some increase in radioactivity. While the exact source of the increased activity has not been determined, it may be related to changeout of filters in the Auxiliary Building and/or tripout of the Auxiliary Building ventilation fan. Efforts are in progress to correlate work activities with the increased Iodine concentrations.

On April 15 and 16, DOE, NRC, and the licensee measured Iodine levels in the switchyard, 0.6 miles east of the reactor site. Airplane over-flight occurring at the same time indicated a very narrow plume. Recent measurements (0200 4/16) indicated 9.4×10^{-11} uc/cc for NRC sample, 7.4×10^{-11} uc/cc for licensee sample and 6.0×10^{-11} uc/cc for the DOE sample. The MPC for iodine-131 in unrestricted areas is 1×10^{-10} uc/cc. All samples were side by side samples.

The State of Pennsylvania has been informed of these results. In addition, the State will be provided with the DOE samples for analysis.

Contact: GCGower, IE x 27246; DThompson, IE x 28487

Distribution: Transmitted H St 12:42

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)

Transmitted: MNBB 12:46	P. Bldg 1:15	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 1:27
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 1:30
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 1:35
N. M. Haller, MPA	V. Stello, NRR	Region IV 1:40
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 1:50
H. K. Shapar, ELD	SS Bldg 1:24	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 12:50 (Provide copy to STATE)
White House Situation Room 2:20
FDAA 2:02 (Provide copies to the Administrator and the Operations Center)
EPA ~~2:20~~ 3:25
DOE/EOC 1:55
PEMA 2:42
BRP (State of PA) ~~3~~ 4:50
DCPA 4:21
HEW (Pickup)

Handcarry (FAA)

IMMEDIATE
PRELIMINARY NOTIFICATION

April 17, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67X

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 17, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The primary coolant temperature remains at approximately 250 degrees F. Three of the incore thermocouple readings remain above 300 degrees F with the highest at 340 degrees F.

As of 0330 April 17, twenty of 90 charcoal filter elements in train A of the Auxiliary Building Ventilation system have been replaced. This work began on April 12.

The containment hydrogen concentration has been tested. Results indicate a level of about 1.36%.

Environment Status

Offsite radiation levels identified by NRC survey teams were consistent with normal background levels (0.02 mR/hr. maximum) with the exception of one reading of 0.14 mR/hr. These results were obtained from routine surveys performed downwind on the east side of the Susquehanna River at distances up to five miles north and south of the site.

By 3:00 p.m. on April 16, 571 local residents had been scanned with the whole body counter located in Middletown. Scan results indicate no radiation levels above normal body levels.

An Aerial Measuring System (AMS) survey was conducted on April 16. The wind speed was 5 mph. No plume could be identified. At 1/4 mile from the reactor building, readings of 0.030 - 0.040 mR/hr were observed from 180 - 270°. These readings appeared to be independent of the wind direction.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters (TLD's) for the past 24-hour period of April 17 are near expected natural background levels.

CONTINUED
IMMEDIATE PRELIMINARY NOTIFICATION

Iodine concentrations measured in the Unit 2 ventilation stack since PNO-79-67W (April 16, 1979) are:

Time	Activity (uCi/cc)
4/15 (2140) - 4/15 (2357)	2.5×10^{-7}
4/16 (0408) - 4/16 (0758)	2.3×10^{-7}
4/16 (1156) - 4/16 (1550)	2.1×10^{-7}
4/16 (1556) - 4/16 (1810)	3.6×10^{-7}
4/16 (1810) - 4/16 (2356)	1.4×10^{-7}

The NRC took the daily air sample near the observation center starting at 1703 on April 15 and ending at 1747 on April 16. Analysis of this sample indicated that the concentration of Iodine-131 during the 24-hour period averaged 1.7×10^{-11} uCi/cc (17 picocuries/m^3) which correlates with the plume wind being in this sector a large percentage of the time.

In response to increased Iodine-131 levels observed in environmental air samples, NRC has been taking approximately 5 air samples in each 8-hour period. During the 24-hour period ending midnight - April 16, 1979, three air samples from areas downwind of the plant were between 1.1 and 1.2×10^{-10} uCi/ml (110-120 picocuries per cubic meter). The average of the 11 air samples was 6.5×10^{-11} uCi/cc (65 picocuries/m^3). The 8 samples taken since 10 p.m. on April 16, 1979, have shown no acitivity above the MDA (approximately 20 picocuries/m^3). Since the Iodine-131 release rates are similar to previous rates, the observed increases are believed due to meteorological differences. Review of plant operations and possible release paths indicate that the source of the Iodine-131 is apparently the monitored release through the ventilation stack. However several changes to in-plant conditions were made. The makeup tank pressure was reduced. A portion of the charcoal filters in the Auxiliary Building ventilation system was replaced and areas in the Auxiliary Building were sprayed with sodium hydroxide and sodium thiosulfate.

During the period April 13 to 16, a total of 54 DOE samples including 1 soil sample, 4 rain water samples, 16 standing water samples, 22 grass samples, 8 ground level air filter samples and 3 air filter samples from helicopter flights were analyzed by DOE using a GE-Li gamma spectrometer. The samples were collected in the path of air discharges from the Three Mile Island station. Fourteen of the grass samples indicated that

Iodine-131, if present, was less than the minimum detectable activity (MDA) of 4.0×10^{-5} microcuries per square meters (40 picocuries/square meter). The eight samples that showed results above MDA ranged from 4.0×10^{-5} microcuries per square meter (40 picocuries/square meters) to 7.3×10^{-4} microcuries per square meter (730 picocuries/square meters). Soil, standing water, and rain water samples all indicated less than the MDA's. The MDA for soil is 7.0×10^{-4} microcuries per square meter (700 picocuries/square meters); and for water is less than 7.0×10^{-8} microcuries per cubic centimeter (70 picocuries per liter).

The Commonwealth of Pennsylvania, DER, analyzed two milk samples taken on April 16, 1979. There was no detectable Iodine-131.

EPA analyzed nine air samples between April 10 and April 11. Iodine-131 activity ranged from 1.2×10^{-13} to 1.7×10^{-12} uCi/cc. (0.12 - 1.7 picocuries per cubic meter). Twenty-five soil samples were analyzed and showed only natural activity, including normal background levels of Cs-137. EPA TLD's from 34 locations for the period March 31 through April 8 showed background except for two, York Haven and Goldsboro, which showed 2.0 and 2.5 mR respectively for this period. Personnel badges from 44 residents for the same period showed no net exposures above background.

The Commonwealth of Pennsylvania has been informed of these results.

Contact: GCGower, IE x 27246; DThompson, IE x28487

Distribution: Transmitted H St 1:46

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA (For Distribution)
Commissioner Gilinsky		
Transmitted: MNBB 1:49	P. Bldg 1:53	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 2:04
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 2:13
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III ~~2:30~~ 2:49
N. M. Haller, MPA	V. Stello, NRR	Region IV 2:20
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 2:34
H. K. Shapar, ELD	SS Bldg 1:58	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 1:44 (Provide copy to STATE)
White House Situation Room 3:30
FDAA 4:07 (Provide copies to the Administrator and the Operations Center)
EPA 2:55
DOE/EOC 4:44
PEMA 2:35
BRP (State of PA) 5:55
DCPA [illegible]
HEW (Pickup)
Handcarry (FAA)

April 18, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67Y

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 18, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The average primary coolant temperature is 236 degrees F. The decrease in primary coolant temperature was a result of an increase in the steaming rate. This increase was achieved by opening additional valves to the main condenser. Two of the incore thermocouple readings remain above 300 degrees F with the highest at 330 degrees F.

As of 0530 April 18, fifty of 90 charcoal filter elements in train A of the Auxiliary Building Ventilation system have been replaced. This work began on April 12.

Pressurizer level transmitter LT-2 became erratic over the period 1745 - 2235 on April 17 but is now tracking again. Calibration of the Heise gauge, to be used as a backup pressure level measurement, is continuing.

Environment Status

Offsite radiation levels identified by NRC survey teams were consistent with normal background levels (0.02 mR/hr. maximum). These results were obtained from routine surveys performed downwind on the east side of the Susquehanna River at distances up to five miles north and south of the site.

By 2:15 p.m. on April 17, 632 local residents had been scanned with the whole body counter located in Middletown. Scan results indicate no radiation levels above normal body levels.

No Aerial Measuring System (AMS) survey was conducted on April 17. However, an AMS survey was requested by NRC based on a short lived increase in the iodine discharge rate between 3 and 4 a.m. on April 18. The AMS survey results are not yet available.

During the 24-hour period ending midnight April 17, 1979, seven of 12 air samples showed no activity above the minimum detectable activity. None of the other five samples showed Iodine-131 greater that 1×10^{-10} uCi/cc (100 picocuries per cubic meter). On the morning of April 18, 1979, one of three samples showed Iodine-131 concentration of 2×10^{-10} microcuries/milliliter (200 picocuries per cubic meter) during the period of 3 to 4 a.m. The remaining two samples were approximately 5.0×10^{-11} microcuries/milliliter (50 picocuries/cubic meter). The last sample analyzed covered the period 0420 to 0527. The cause of the high reading is believed to be due primarily to meteorological conditions; however, several in-plant events were also in progress. They are being analyzed for possible contributions to this reading to determine appropriate corrective action. One grass sample taken downwind of the plant showed 6.13×10^{-4} microcuries per square meter (613 picocuries per square meter). Additional milk and vegetation samples have been taken, but have not been analyzed.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters (TLD's) for the past 24-hour period of April 18 are near expected natural background levels.

Iodine concentrations measured in the Unit 2 ventilation stack since PNO-79-67X (April 17, 1979) are:

Time	Activity (uCi/ml)
4/16 (2356) - 4/17 (0402)	1.2×10^{-7}
4/17 (0402) - 4/17 (0803)	1.2×10^{-7}
4/17 (0803) - 4/17 (1226)	1.4×10^{-7}
4/17 (1226) - 4/17 (1634)	1.3×10^{-7}
4/17 (1640) - 4/17 (1946)	2.3×10^{-7}
4/17 (1958) - 4/17 (2357)	2.1×10^{-7}

The NRC took the daily air sample near the observation center starting at 1747 on April 16 and ending at 1620 on April 17. Analysis of this sample indicated that the concentration of Iodine-131 during the approximate 23-hour period averaged less than 2.4×10^{-12} uCi/cc (less than 2.4 picocuries/cubic meter). The plume wind was not in this sector a large percentage of the time during the sampling period.

No new data were available from DOE, EPA, FDA or Commonwealth of Pennsylvania, Department of Environmental Resources.

The Commonwealth of Pennsylvania has been informed of these results.

Contact: BPaulus, IE x 27246; DThompson, IE x 28487

Distribution: Transmitted H St 12:15p

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)

Transmitted: MNBB 12:20p	P. Bldg 12:25	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 12:32
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 12:41
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 12:45
N. M. Haller, MPA	V. Stello, NRR	Region IV 12:50
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 12:55
H. K. Shapar, ELD	SS Bldg 12:36	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 12:28 (Provide copy to STATE)
White House Situation Room 2:00
FDAA 2:30 (Provide copies to the Administrator and the Operations Center)
EPA 3:25
DOE/EOC 2:55
PEMA 3:00
BRP (State of PA) 3:20
DCPA 3:45
HEW (Pickup)

Handcarry (FAA)

April 19, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67Z

This preliminary notification consitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 19, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The average primary coolant temperature is 235 degrees F. Preparations are being made to further decrease coolant temperature by admitting steam to the main condensor through the main turbine. Two of the incore thermocouple readings remain above 300 degrees F with the highest at 329 degrees F.

Replacement of the charcoal filter elements in train A of the Auxiliary Building Ventilation system is expected to be completed this morning. Preoperational tests of train A will then be conducted.

Pressurizer level transmitter LT-2 failed at 11:30 p.m. on April 18. Calibration of an alternate method to be used as a backup pressure level measurement is continuing.

A pressurized primary coolant sample was taken at 9:45 p.m. on April 18, 1979 and sent to B&W, Lynchburg, VA. for analysis via a National Guard Aircraft at 11:35 p.m.

Environment Status

Offsite radiation levels identified by NRC survey teams were consistent with normal background levels (0.02 mR/hr maximum). These results were obtained from routine surveys performed downwind on the east side of the Susquehanna River at distances up to five miles north and south of the site.

By 7:00 p.m. on April 18, 721 local residents had been scanned with the whole body counter located in Middletown. Scan results indicate no radiation levels above normal body levels due to TMI operations. The scanning of local residents has been terminated.

An Aerial Measuring System (AMS) survey was conducted beginning at 6:38 a.m. on April 18, 1979. A plume reading 0.02 mR/hr was identified 0.25 miles SE of the plant and followed to 1.5 miles. Spectral analysis indicated

CONTINUED
IMMEDIATE PRELIMINARY NOTIFICATION

the presence of Xenon-133. An air sample taken in the plume 200 meters downwind from the stack showed 8.6 x 10^{-11} microcuries per cubic centimeter of Iodine-131 (86 picocuries per cubic meter).

During the period from 0530 April 18 to 0530 April 19 three of four air samples collected around the site showed no activity above the minimum detectable activity (MDA). The meteorological conditions during this period were more favorable than those of the previous day. The fourth sample shows an Iodine-131 concentration of 2.7 x 10^{-11} uc/cc (27 picocuries per cubic meter). Data from five other samples have not as yet been analyzed. Three soil samples and three grass samples showed no activity above the MDA. The MDA for grass was 2.4 x 10^{-4} microcuries per square meter (240 picocuries per square meter); the MDA for soil was about 3.7 x 10^{-7} microcuries per gram (0.37 picocuries per gram). One grass sample taken showed 5.5 x 10^{-4} microcuries per square meter (550 picocuries per square meter).

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters (TLD's) for the past 24-hour period are near expected natural background levels.

Iodine concentrations measured in the Unit 2 ventilation stack since PNO-79-67Y (April 18, 1979) are:

Time	Activity (uCi/ml)
4/17 (2357) - 4/18 (0405)	2.2 x 10^{-7}
4/18 (0405) - 4/18 (0550)	4.5 x 10^{-7}
4/18 (0550) - 4/18 (0800)	2.1 x 10^{-7}
4/18 (0805) - 4/18 (0945)	1.8 x 10^{-7}
4/18 (0945) - 4/18 (1200)	1.4 x 10^{-7}
4/18 (1204) - 4/18 (1647)	7.2 x 10^{-8}
4/19 (0001) - 4/19 (0358)*	7.5 x 10^{-8}

*The stack monitor used for these measurements was out of service from 12:00 a.m. on April 18 to 12:00 p.m. April 18, 1979.

The NRC took the daily air sample near the observation center starting at 1600 on April 17 and ending at 1600 on April 18. Analysis of this sample indicated that the concentration of Iodine-131 during the approximate 24-hour period averaged less than 2.6×10^{-12} microcuries per milliliter (less than 2.6 picocuries per cubic meter).

EPA submitted airborne iodine analyses of air samples collected from 31 stations on April 12 and 13. Nineteen of the samples were reported to have positive measurements of Iodine-131 from 7.2×10^{-14} microcuries per cubic centimeter (0.072 picocuries per cubic meter) for a location 25 miles west of the plant to 6.6×10^{-13} microcuries per cubic centimeters (0.66 picocuries per cubic meter) at a location about 5 miles west of the plant. EPA air samples collected on April 14 showed positive Iodine-131 on 6 of the 31 samples with a range of 1.5×10^{-13} to 7.9×10^{-13} microcuries for cubic centimeter (0.15 to 0.79 picocuries per cubic meter). EPA milk samples collected on April 12, 13 and 14 from 9 locations were less than MDA (10-15 picocuries per liter). Soil and vegetation samples collected on April 11 showed no activity above background.

On April 18, during a tour by NRC personnel of Hill Island, adjacent to TMI, three persons were observed. Two of the persons reported that they had been on Hill Island on March 28-30, 1979. An evaluation of their exposure is in progress. One of the three has already been counted in the whole body counter in Middletown.

The Commonwealth of Pennsylvania has been informed of these results.

Contact: RPaulus, IE x27246; DThompson, IE x28487

Distribution: Transmitted H St 12:44

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)
Transmitted: MNBB 12:49	P. Bldg 12:52	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 1:38
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 1:02
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 1:07
N. M. Haller, MPA	V. Stello, NRR	Region IV 1:17
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 1:31
H. K. Shapar, ELD	SS Bldg 12:57	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 1:12 (Provide copy to STATE)
White House Situation Room 2:31
FDAA 2:14 (Provide copies to the Administrator and the Operations Center)
EPA 1:44
DOE/EOC 1:24
PEMA 3:05
BRP (State of PA) 3:25
DCPA 4:03
HEW (Pickup)
Handcarry (FAA)

April 20, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AA

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 20, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The average primary coolant temperature is 185 degrees F. The drop in temperature of 50 degrees F is due to steam being admitted directly to the main condensor through the main turbine. The highest incore thermocouple reading is 284 degrees F.

Replacement of the charcoal filter elements in Train A of the Auxiliary Building Ventilation System is completed. Work is in progress to replace several HEPA filters in the system. Train A is expected to be in service today.

Environmental Status

Offsite radiation levels identified by NRC survey teams were consistent with normal background levels (0.02 mR/hr maximum). These results were obtained from routine surveys performed downwind on the east and west sides of the Susquehanna River at distances up to five miles north and south of the site.

An Aerial Measuring System (AMS) survey was conducted beginning at 6:05 p.m. on April 19, 1979. A small plume reading 0.007 mR/hr was identified 0.25 miles SSE of the plant. Spectral analysis indicated the presence of a small amount of Xenon-133. An air sample taken in the plume showed no iodine-131.

During the period from 5:30 a.m. April 19 to 5:30 a.m. April 20, ten air samples collected around the site showed no activity above the minimum detectable activity (MDA). The five air samples taken between 5:30 a.m. April 18 and 5:30 a.m. April 19 (and not analyzed prior to issuance of PNO-79-67Z) showed no activity above the MDA. Two of three soil samples showed no activity above the MDA. The other soil sample showed 2.8×10^{-7} microcuries per gram of iodine-131. The MDA for soil was 1.4×10^{-7} microcuries per gram. All MDA's have been reduced (sensitivity increased) by a factor of two due to addition of a shield to the detector in the NRC's mobile laboratory.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters (TLD's) for the past 24-hour period are near expected natural background levels.

Iodine concentrations measured in the Unit 2 ventilation stack since PNO-79-67Z (April 19, 1979) are:

Time	Activity (uCi/cc)
4/19 (0358) - 4/19 (0800)	6.6×10^{-8}
4/19 (0803) - 4/19 (1210)	1.0×10^{-7}
4/19 (1226) - 4/19 (1634)	1.8×10^{-7}
4/19 (1728) - 4/19 (2025)	1.8×10^{-7}
4/19 (2025) - 4/20 (0001)	1.2×10^{-7}
4/20 (0001) - 4/20 (0351)	3.3×10^{-7}

The NRC took the daily air sample near the observation center starting at 4:00 p.m. on April 18 and ending at 4:00 p.m. on April 19. Analysis of this sample indicated that the concentration of Iodine-131 during the 24-hour period averaged less than 2.4×10^{-12} microcuries per cubic centimeter (less than 2.4 picocuries per cubic meter).

No additional environmental data have been received from EPA or FDA.

The three persons found on Hill Island on April 18, 1979 have been whole body counted. No radiation levels above normal body levels were found.

As stated in PNO-79-67Z, the whole body scanning program for local residents has been completed. A joint press release on this subject was issued by the Commonwealth of Pennsylvania and the NRC on this date. A copy of the press release is attached to this PN.

The Commonwealth of Pennsylvania has been informed of these results.

Attachment: Press Release dated 4/20/79

Contact: RCPaulus, IE x27246 DThompson, IE x27246

Distribution: Transmitted H St 10:25

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Transmitted: MNBB 10:24
L. V. Gossick, EDO 10:58
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

Commissioner Bradford
Commissioner Ahearne
P. Bldg 11:05
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 11:45
W. J. Dircks, NMSS
S. Levine, RES

S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)
J. G. Davis, IE
Region I 11:15
Region II 11:20
Region III 11:25
Region IV 11:32
Region V 11:35
(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

IE (TMI) Site 11:50 (Provide copy to STATE)
White House Situation Room 3:53
FDAA 12:40 (Provide copies to the Administrator and the Operations Center)
EPA 2:06
DOE/EOC 2:48
PEMA 12:00
BRP (State of PA) 10:40
DCPA 10:20
HEW (Pickup)

ATTACHMENT 1

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

FOR IMMEDIATE RELEASE
(Friday April 20, 1979)

Middletown, Pennsylvania -- An examination of 721 persons who live close to the site of the accident that occured March 28, 1979 at Three Mile Island has shown them to have no internal contamination from the accident, officials of the Pennsylvania Departments of Health and Environmental Resources and the Nuclear Regulatory Commission announced today. The screening program by means of a process called whole body counting was conducted jointly by these agencies, using a portable computerized detector housed in a truck parked in front of the Middletown Community Building, about three miles from the site.

The examination of these people found no radioactive elements, such as iodine-131, that have been released from the Three Mile Island facility. Trace amounts of radionuclides that are normally found in people everywhere, such as potassium-40 and cesium-137, were found by the examination.

Nine of the persons examined showed slightly more than normal amounts of naturally occuring radioactive elements that come from the noble gas radon-222 and that are called "radon daughters", because these come from the radioactive decay of radon. All nine persons have been informed by agency officials of the finding of these radon daughters in more than normal amounts. They have been told that these elements are not related to the Three Mile Island incident and that the most likely source is the natural release of low amounts of radon gas from building materials used in their homes or possibly in work places, built of stone or brick, or from other natural sources. The levels detected do not warrant any concern for the health of these nine persons and others living with them.

The 721 persons tested generally lived within three-miles of the site, on both the east and west shores of the Susquehanna River. Children as well as adults were surveyed in this program, which took place over a period of eight days and ended at 7 p.m. Wednesday, April 18.

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April 21, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AB

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 21, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The average primary coolant temperature is being maintained at 175 degrees F by admitting steam directly to the main condensor through the main turbine. The highest incore thermocouple reading is 275 degrees F.

Train A of the Auxiliary Building Ventilation System was placed in service at 11:45 p.m. on April 20. Work is now in progress to change the charcoal filters in Train B of the Fuel Handling Building Ventilation System.

Environmental Status

Offsite radiation levels identified by NRC survey teams were consistent with normal background levels (0.02 mR/hr maximum). These results were obtained from routine surveys performed downwind on the east side of the Susquehanna River at distances up to five miles north and south of the site.

An Aerial Measuring System (AMS) survey was conducted 8:20 a.m. to 9:12 a.m. April 20, 1979. A small plume reading 0.008 mR/hr was located about 250 meters E of the Unit II vent stack at an altitude of 100 meters. Spectral analysis indicated small amount of Xenon-133. An AMS survey from 11:45 p.m. April 20 to 12:20 a.m. April 21 did not detect any airborne radioactivity. This flight occurred following the change from Filter Train B to Train A in the Auxiliary Building.

During the period from 5:30 a.m. April 20 to 5:30 a.m. April 21, seven air samples collected around the site showed no activity above the minimum detectable activity.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters (TLDs) for the past 24-hour period are near expected natural background levels.

CONTINUED
IMMEDIATE PRELIMINARY NOTIFICATION

Iodine concentrations measured in the Unit 2 ventilation stack since PNO-79-67AA (April 20, 1979) are:

Time	Activity (uCi/cc)
4/20 (0351) - 4/20 (0820)	2.0×10^{-7}
4/20 (0820) - 4/20 (1105)	1.9×10^{-7}
4/20 (1105) - 4/20 (1300)	2.8×10^{-7}
4/20 (1300) - 4/20 (1621)	Not Analyzed
4/20 (1621) - 4/20 (2019)	1.8×10^{-7}
4/20 (2023) - 4/20 (2204)	2.3×10^{-7}
4/20 (2208) - 4/20 (2249)	3.0×10^{-7}
4/20 (2249) - 4/21 (0317)	1.1×10^{-7}
4/21 (0317) - 4/21 (0402)	7.6×10^{-8}

The NRC took the daily air sample near the observation center starting at 4:00 p.m. on April 19 and ending at 4:00 p.m. on April 20. Analysis of this sample indicated that the concentration of Iodine-131 during the 24-hour period averaged less than 1.0×10^{-12} microcuries per cubic centimeter (less than 1.0 picocuries per cubic meter).

EPA reported that of the air samples collected at 31 sampling locations on April 15 and 16 only nine showed Iodine-131 above the minimum detectable activity (MDA). The highest sample result was 2.3×10^{-12} microcuries per cubic centimeter (2.3 picocuries per cubic meter) for a sample collected April 15, 2.9 miles SSW of the plant. All other positive values were less than 4.5×10^{-13} microcuries per cubic centimeter (0.45 picocuries per cubic meter).

EPA reported that water samples taken at the plant discharges to the river on April 18, 19 and 20 and at Brunner Island on April 16, 17 and 18 downstream showed no activity above the MDA.

EPA reported no milk samples collected on April 15 or 16 contained Iodine-131 above the MDA of 15 picocuries per liter. The Pennsylvania DER reported that one sample of milk collected on April 19 at Elizabethtown contained about 15 picocuries of Iodine-131 per liter. The licensee reported that a cow's milk sample collected on April 17 contained 3.7 picocuries per liter and a goat's milk sample collected on April 16 contained 3.3 picocuries per liter. The action level is 12,000 picocuries per liter, at which time animals would be taken off pasture.

The Commonwealth of Pennsylvania has been informed of these results.

Contact: G. C. Gower, IE x27246 H. D. Thornburg, IE x28484

Distribution: Transmitted H St 10:05

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Transmitted: MNBB 10:10
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

Commissioner Bradford
Commissioner Ahearne

P. Bldg. 10:14
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg. 10:18
W. J. Dircks, NMSS
S. Levine, RES

S. J. Chilk, SECY
C. A. Kammerer, CA
(For Distribution)
J. G. Davis, IE
Region I 10 20
Region II 10 22
Region III 10 24
Region IV 10 47
Region V 10 23
(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

IE(TMI) Site 4:00 pm (Provide copy to STATE)
White House Situation Room 11:25
FDAA 12:35 (Provide copies to the Administrator and the Operations Center)
EPA 12:02
DOE/EOC 11:30
PEMA 12:20
BRP (State of PA) 11:55
DCPA 11:30
HEW (Pickup)

April 22, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AC

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 22, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The average primary coolant temperature is still being maintained at 175 degrees F by admitting steam directly to the main condenser through the main turbine. The highest incore thermocouple reading is 274 degrees F.

Now that Train A of the Auxiliary Building Ventilation System is in service, preparations are being made to change the filters in Train B. Work is also in progress to change the charcoal filters of Train A of the Fuel Handling Building Ventilation System. Train A was selected for replacement instead of Train B as reported in PNO-79-67AB.

Environmental Status

Onsite Measurements

Two Aerial Measuring System (AMS) surveys were conducted during the period 3:00 p.m. - 10:00 p.m. on April 21, 1979. No airborne radioactivity was detected.

Iodine concentrations at Unit 2 ventilation stack. (Analyzed by NRC Mobile Laboratory).

Date/Time	Activity (uCi/cc)
4/21 (0404) - 4/21 (0819)	5.2×10^{-8}
4/21 (0819) - 4/21 (1201)	8.0×10^{-8}
4/21 (1204) - 4/21 (1625)	8.8×10^{-8}
4/21 (1648) - 4/21 (2017)	4.9×10^{-8}
4/21 (2018) - 4/22 (0103)	1.1×10^{-7}
4/22 (0103) - 4/22 (0441)	1.1×10^{-7}

Off Site Measurements

Radiation Levels

Offsite radiation levels identified by NRC survey teams continue to be consistent with normal background levels (0.02 mR/hr maximum). These results were obtained from routine surveys performed downwind on the east and west sides of the Susquehanna River at distances up to five miles north and south of the site.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters (TLDs) for the past 24-hour period are near expected natural background levels.

NRC Environmental Samples (Samples taken offsite within 3 miles of site - analyzed in mobile laboratory)

Sample Type	Date of Sample	Number of Samples	Results
air	4/21-22	9	Less than MDA*
daily air	4/21-22	1	Less than MDA
grass	4/20-21	2	Highest 2.4×10^{-4} microcurie per square meter
milk	4/19-20	5	Less than MDA

* MDA = minimum detectable activity

EPA Environmental Samples (Analyzed at Remote Laboratory)

Sample Type	Date of Sample	Number of Samples	Results
air	4/18	27	Less than MDA
air	4/18	4	Highest 2.9×10^{-12} microcuries per cubic centimeter (2.9 picocuries/cubic meter)
milk	4/18	3	Less than MDA

All EPA samples were taken at distances greater than 3 miles from the site.

The Commonwealth of Pennsylvania has been informed of these results.

Contact: G. C. Gower, IE x27246 S. E. Bryan, IE x28019

Distribution: Transmitted H St 11:18

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. A. Kammerer, CA
Commissioner Gilinsky		(For Distribution)
Transmitted: MNBB 11:32	P. Bldg. 11:37	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 11:45
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 11:49
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 11:54
N. M. Haller, MPA	V. Stello, NRR	Region IV 11:58
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 12:03
H. K. Shapar, ELD	SS Bldg. 11:41	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE(TMI) Site 11:26 (Provide copy to STATE)
White House Situation Room 11:55
FDAA 8:52 4/23 (Provide copies to the Administrator and the Operations Center)
EPA 9:00 4/23
DOE/EOC 12:31
PEMA 12:21
BRP (State of PA) 10:07 4/23
DCPA 9:45 4/23
HEW (Pickup)

April 23, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AD

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 23, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The average primary coolant temperature is still being maintained at 175 degrees F by admitting steam directly to the main condenser through the main turbine. The highest incore thermocouple reading is 272 degrees F.

The charcoal filters in Train A of the Fuel Handling Building have been replaced. This train is scheduled to be placed in service this date. This action is expected to further reduce the concentration of Iodine being released from the ventilation stack. The previous action of changing the charcoal filters in Train A of the Auxiliary Building Ventilation System was successful and reduced Iodine discharges by approximately 40 percent. Preparations are still being made to change the charcoal filters in Train B of the Auxiliary Building Ventilation System.

A pressurized primary coolant sample was taken at 11:30 a.m. on April 22, 1979 and sent to B&W Lynchburg, Va. for analysis.

Environmental Status

Onsite Measurements

No Aerial Measuring System (AMS) survey was conducted on April 22, 1979.

Iodine concentration at Unit 2 ventilation stack. (Analyzed by NRC Mobile Laboratory).

Date/Time	Activity (uCi/cc)
4/22 (0447) - 4/22 (0804)	8.8×10^{-8}
4/22 (0807) - 4/22 (1229)	9.3×10^{-8}
4/22 (1230) - 4/22 (1621)	9.6×10^{-8}
4/22 (1624) - 4/22 (2024)	1.3×10^{-7}
4/22 (2036) - 4/22 (2130)	1.3×10^{-7}
4/22 (2130) - 4/23 (0004)	9.6×10^{-8}
4/23 (0007) - 4/23 (0440)	5.9×10^{-8}

CONTINUED
IMMEDIATE PRELIMINARY NOTIFICATION

Offsite Measurements

Radiation Levels

Offsite radiation levels identified by NRC survey teams continue to be consistent with normal background levels (0.02 mR/hr maximum). These results were obtained from routine surveys performed downwind on the east side of the Susquehanna River at distances up to five miles north and south of the site.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters (TLDs) for the past 24-hour period are near expected natural background levels.

NRC Environmental Samples (Samples taken offsite within 3 miles of site analyzed in mobile laboratory)

Sample Type	Date of Sample	Number of Sample	Results
air	4/22-23	7	Less than MDA*
daily air	4/21-22	1	Less than MDA

* MDA = minimum detectable activity

EPA Environmental Samples (Analyzed at Remote Laboratory)

Sample Type	Date of Sample	Number of Sample	Results
air	4/21	21	Less than MDA
air	4/21	10	Highest 8.6×10^{-13} microcuries per cubic centimeter (.86 picocuries per cubic meter)
air	4/21	2	118 picocuries per cubic meter of Xe-133 in one sample. 20 and 24 picocuries per cubic meter Kr-85.** These are approximately background levels.
Soil	4/21	31	Nothing above natural background
Vegetation	4/21	31	Nothing above natural background

All EPA samples were taken at distances greater than 2 miles from the site.

** Maximum Permissible Concentration for Xe-133 and Kr-85 is 300,000 picocuries per cubic meter.

The Commonwealth of Pennsylvania has been informed of these results.

Contact: RCPaulus, IE x27246 DThompson, IE x28487

Distribution: Transmitted H St 12:00

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)

Transmitted: MNBB 12:04	P. Bldg 12:19	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 1:31
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 1:36
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 1:24
N. M. Haller, MPA	V. Stello, NRR	Region IV 1:44
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 1:03
H. K. Shapar, ELD	SS Bldg 12:09	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 12:41 (Provide copy to STATE)
White House Situation Room ~~[illegible]~~ 3:20
FDAA 1:30 (Provide copies to the Administrator and the Operations Center)
EPA 2:10
DOE/EOC 2:15
PEMA 2:39
BRP (State of PA) ~~[illegible]~~
DCPA 3:30
HEW (Pickup)

IMMEDIATE
PRELIMINARY NOTIFICATION

April 24, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AE

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 24, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The average primary coolant temperature is still being maintained at 175 degrees F by admitting steam directly to the main condenser through the main turbine. The highest incore thermocouple reading is 271 degrees F.

The charcoal filters in Train A of the Fuel Handling Building Ventilation System have been replaced. This train was placed in service at 6:30 a.m. April 24, 1979. Twenty-eight of 90 charcoal filters in Train B of the Auxiliary Building Ventilation System have been replaced.

Environmental Status

One Aerial Measuring System (AMS) Survey was made between 10:15 p.m. and 11:15 p.m. on April 23, 1979. No radioactivity above natural background was detected.

Iodine concentration at Unit 2 ventilation stack (Analyzed by NRC Mobile Laboratory).

Date/Time	Activity (uCi/cc)
4/23 (0007) - 4/23 (0406)+	6.7×10^{-8}
4/23 (0407) - 4/23 (0758)	5.9×10^{-8}
4/23 (0801) - 4/23 (1201)	3.6×10^{-8}++
4/23 (1223) - 4/23 (1614)	1.4×10^{-7}++
4/23 (1617) - 4/23 (2010)	6.3×10^{-8}
4/23 (2014) - 4/23 (2156)	5.7×10^{-8}
4/23 (2159) - 4/24 (0001)	5.9×10^{-8}
4/24 (0004) - 4/24 (0404)	4.9×10^{-8}

+ This entry was incorrectly reported in PNO-79-67AD.

++ These are licensee contractor values.

Offiste Measurements

Radiation Levels

Offsite radiation levels indentified by NRC survey teams continue to be consistent with normal background levels (0.02 mR/hr maximum). These results were obtained from routine surveys performed downwind on the east side of the Susquehanna River at distances up to five miles north and south of the site.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters (TLDs) for the past 24 hour period continue to be consistent with normal background levels.

NRC Environmental Samples (Samples taken offsite within 3 miles of site analyzed in mobile laboratory)

Sample Type	Date of Sample	Number of Samples	Results
air	4/23-24	10	Less than MDA
milk	4/21	4	Less than MDA
daily air	4/22-23	1	Less than MDA

EPA Environmental Samples (Analyzed at Remote Laboratory)

Sample Type	Date of Sample	Number of Samples	Results
air	4/19	26	Less than MDA
air	4/19	5	Range from 2.1 to 6.9 x 10^{-13} microcuries per cubic centimete (0.21 to 0.69 picocuries per cubic meter)
air	4/20	5	Range from 9 to 168 picocuries per cubic meter of Xe-133. 14 to 22 picocuries per cubic meter Kr-85.** These are approximately background levels.
milk	4/18	6	Less than MDA
milk	4/19	9	Less than MDA

All EPA samples were taken at distances greater than 2 miles from the site.

*MDA = minimum detectable activity.
**Maximum Permissible Concentration for Xe-133 and Kr-85 is 300,000 picocuries per cubic meter.

The Commonwealth of Pennsylvania has been informed of these results.

Contact: RPaulus, IE x27246; DThompson, IE x28487

Distribution: Transmitted H St 1:45

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Commissioner Bradford
Commissioner Ahearne
S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)

Transmitted: MNBB 1:55
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

P. Bldg 2:00
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 2:04
W. J. Dircks, NMSS
S. Levine, RES

J. G. Davis, IE
Region I 2:26
Region II 2:14
Region III 2:21
Region IV 3:10
Region V 2:59
(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

IE (TMI) Site 4:00 (Provide copy to STATE)
White House Situation Room 8:50 4/25
FDAA 3:20 (Provide copies to the Administrator and the Operations Center)
EPA 8:30 4/25
DOE/EOC 8:40 4/25
PEMA 8:40
BRP (State of PA) 9:15
DCPA 9:40 4/25
HEW (Pickup)

Handcarry (FAA)

IMMEDIATE
PRELIMINARY NOTIFICATION

April 25, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -PNO-79-67AF

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 25, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

In the course of transferring feedwater flow to the auxiliary nozzles, a carryover of water into the steam line was experienced, resulting in water impingement in the main turbine. An operator-initiated turbine trip at about 3:00 p.m. stopped the impingement. The feedwater was being diverted to the auxiliary feedwater sparger in preparation for secondary system modification for adding a closed cooling system. Steam is currently being admitted to the main condenser through the turbine bypass valves. This change in cooling mode will not affect preparations for natural circulation operations. The average primary coolant temperature has increased to 224 degrees F. The highests incore thermocouple reading is 312 degrees F.

As a result of changing the charcoal filters in the A Trains of the Auxiliary and Fuel Handling Building Ventilation Systems, the iodine discharges have been reduced by approximately 80 percent. The charcoal filters of Auxiliary Building Ventilation System Train B have been replaced. This system was placed in service at 5:30 a.m. April 25.

Following a briefing of the Governor's Office, a press briefing was held to outline the anticipated schedule for achieving long term cooling status. A copy of the press release is attached.

Environmental Status

Three Aerial Measuring System (ARMS) Surveys were made on April 24, 1979. No radioactivity above natural background was detected.

CONTINUED
IMMEDIATE PRELIMINARY NOTIFICATION

Iodine concentration at Unit 2 ventilation stack (Analyzed by NRC Mobile Laboratory).

Date/Time	Activity (uCi/cc)
4/24 (0408) - 4/24 (0637)	3.0×10^{-8}
4/24 (0642) - 4/24 (0813)	4.2×10^{-8}
4/24 (0815) - 4/24 (1215)	3.1×10^{-8}
4/24 (1217) - 4/24 (1600)	1.6×10^{-8}
4/24 (1602) - 4/24 (1955)	2.4×10^{-8}
4/24 (1958) - 4/25 (0001)	2.6×10^{-8}

Offsite Measurements

Radiation Levels

Offsite radiation levels identified by NRC survey teams continue to be consistent with natural background levels (0.02 mR/hr maximum). These results were obtained from routine daily surveys performed downwind on the east side of the Susquehanna River at distances up to five miles north and south of the site.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters (TLDs) for the past 24 hour period continue to be consistent with natural background levels.

NRC Environmental Samples (Samples taken offsite within 3 miles of site analyzed in mobile laboratory)

Sample Type	Date of Sample	Number of Samples	Results
air	4/24-25	6	Less than MDA*
milk	4/23	3	Less than MDA
daily air	4/23-24	1	Less than MDA

EPA Environmental Samples (Analyzed at Remote Laboratory)

Sample Type	Date of Sample	Number of Samples	Results
air	4/23	28	Less than MDA
air	4/23	3	Range from 2.3 to 7.1×10^{-13} microcuires per cubic centimeter (0.23 to 0.71 picocuries per cubic meter)
air	4/20	2	One sample was less than MDA. One sample indicated 168 picocuries per cubic meter of Xe-133.** Both samples indicated approximate background levels of Kr-85.

All EPA samples were taken at distances greater than 2 miles from this site.

*MDA - minimum detectable activity.
**Maximum Permissible Concentration for Xe-133 is 300,000 picocuries per cubic meter.

The Commonwealth of Pennsylvania has been informed of these results.

Attachment: Press Release Dated 4/24/79

Contact:

Distribution: Transmitted H St 2:45

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)

Transmitted: MNBB 3:20	P. Bldg 3:00	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 3:00
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 3:00
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 3:00
N. M. Haller, MPA	V. Stello, NRR	Region IV 3:00
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 3:00
H. K. Shapar, ELD	SS Bldg 3:45	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

Broadcast by Comm. Phillips

Broadcast IE (TMI) Site 3:25 (Provide copy to STATE)
White House Situation Room 4:20
FDAA _____ (Provide copies to the Administrator and the Operations Center)
EPA _____
DOE/EOC 10:00 4/27
PEMA 4:00
BRP (State of PA) _____
DCPA _____
HEW (Pickup)
Handcarry (FAA)

FOR IMMEDIATE RELEASE
April 24, 1979

The NRC staff today announced a timetable for placing the Three Mile Island Unit 2 reactor on natural circulation cooling. As stated on previous occasions, it is now possible to cool the reactor by natural convection circulation if difficulties arise with presently operating equipment. It is, of course, preferable to place the plant on natural circulation in a planned fashion while presently available plant instruments and equipment remain functioning. However, if instrumentation in the plant does not retain its reliability and the various backup methods presently available do not function adequately, it may be necessary to place the plant on natural circulation at that time.

The excessive non-condensable gases in the system have been removed and are now at an acceptable level.

The phased reduction in primary system temperature has now reached approximately 175°F. This reduction in temperature is greater than originally anticipated with steaming in the steam generator A.

Assuming current instrumentation continues to perform satisfactorily, the following timetable for a planned transition to natural circulation has been established. The sequences planned to reach this objective are:

1. The "B" steam generator will be placed in a water solid condition by April 29th.

2. The "A" steam generator will be placed in a water solid condition by April 30th.

3. Action needed to upgrade the backup cooling capability of the existing decay heat removal system will be completed by May 1.

4. With these steps completed, the primary system recirculation pump will be shut off on May 2nd and the system will then go into natural circulation.

There are a number of other ongoing actions at the plant.

1. Radioactive effluent filter systems within the plant have been upgraded. An independent redundant charcoal filter system, which will serve as a second stage of removal, has been under construction for some time. The new system is expected to be operational by May 2nd.

2. Modifications are currently in progress that will permit the secondary side of the "B" steam generator to be operated in a closed system, i.e., without the need for the availability of the main condenser. This activity is scheduled for completion for May 7th. Closed system cooling of steam generator B is not essential to establish stable natural circulation cooling.

3. The "A" steam generator also will be modified to permit operation in a closed system. This modification also is not required to establish natural circulation. Its schedule for completion is currently estimated to be the middle of May.

4. The passive level and pressure control system that will augment existing plant systems is expected to be completed by mid-May. This system is not needed to achieve natural circulation, but it is prudent to add this redundancy to the existing plant equipment for long term monitoring of natural circulation cooling.

5. Modifications on the onsite electrical system are currently being made. Additional diesel generators have been delivered to the site to provide a backup power supply, and are currently being placed on their foundations. Electrical instrumentation and other necessary connections will be completed by April 27th.

6. There are a number of additional modifications being made within the facility that are related to the long term recovery from the accident. Such modifications include: adding an additional decay heat removal system with equipment to process and remove the radioactive materials from the primary coolant system; the installation of additional tanks to provide for storage of contaminated water that may result from decontamination activities; installation of additional contaminated water processing equipment, and general decontamination activities needed in the auxiliary building.

April 26, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AG

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 26, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The average coolant temperature is being maintained at 225 degrees F by admitting steam to the main condenser through the turbine bypass valves. The highest incore temperature reading is 311 degrees F.

Environmental Status

No Aerial Measuring System (AMS) Surveys were made on April 25, 1979.

Iodine concentration at Unit 2 ventilation stack (analyzed by NRC Mobile Laboratory).

Date/Time	Activity (uCi/cc)
4/25 (0004) - 4/25 (0512)	2.0×10^{-8}
4/25 (0520) - 4/25 (0658)	1.5×10^{-8}
4/25 (0701) - 4/25 (1200)	1.0×10^{-8}
4/25 (1200) - 4/25 (1555)	2.0×10^{-8}
4/25 (1557) - 4/25 (2010)	1.2×10^{-8}
4/25 (2013) - 4/26 (0013)	1.2×10^{-8}

Offsite Measurements

Radiation Levels

Offsite radiation levels identified by NRC survey teams continue to be consistent with natural background levels (0.02 mR/hr maximum). These results were obtained from routine daily surveys performed downwind on the east and west sides of the Susquehanna River at distances up to five miles north and south of the site.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters (TLDs) for the past 24 hour period continue to be consistent with natural background levels.

CONTINUED
IMMEDIATE PRELIMINARY NOTIFICATION

NRC Environmental Samples (Samples taken offsite within 3 miles of site - analyzed in mobile laboratory)

Sample Type	Date of Sample	Number of Samples	Results
air	4/25-26	5	Less than MDA*
milk	4/23-25	6	Less than MDA
daily air	4/24-25	1	Less than MDA
grass	4/23-25	5	Less than MDA

EPA Environmental Samples (Analyzed at Remote Laboratory)

Sample Type	Date of Sample	Number of Samples	Results
air	4/24	29	Less than MDA
air	4/24	2	Range from 5.4 to 7.0 x 10^{-13} microcuries per cubic centimeter (0.54 to 0.70 picocuries per cubic meter)

All EPA samples were taken at distances greater than 2 miles from the site.

*MDA - minimum detectable activity.

The Commonwealth of Pennsylvania has been informed of these results.

Contact: RCPaulus, IE x27246 DThompson, IE x27246

Distribution: Transmitted H St 1:25

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Transmitted: MNBB 1:20
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

Commissioner Bradford
Commissioner Ahearne
P. Bldg 1:30
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 1:35
W. J. Dircks, NMSS
S. Levine, RES

S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)
J. G. Davis, IE
Region I 1:40
Region II 1:45
Region III 1:50
Region IV 2:45
Region V 2-49
(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

IE (TMI) Site 3:05 (Provide copy to STATE)
White House Situation Room _____
FDAA _____ (Provide copies to the Administrator and the Operations Center)
EPA _____
DOE/EOC 10:10 4/27
PEMA _____
BRP (State of PA) 5:00p.m.
DCPA _____
HEW (~~Pittsburgh~~) _____
Handcarry (FAA)

April 27 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AH

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 27, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The average coolant temperature is being maintained at 225 degrees F by admitting steam to the main condenser through the turbine bypass valves. The highest incore temperature reading is 310 degrees F.

Pressurizer level transmitter LT-3 became erratic over the period of 12:30 - 1:30 a.m. on April 27, but is now tracking again. Calibration of the Heise Gauge, to be used as a back-up pressurizer level measurement has been completed.

Environmental Status

No Aerial Measuring System (AMS) Surveys were made on April 26, 1979.

Iodine concentration at Unit 2 ventilation stack (analyzed by NRC Mobile Laboratory).

Date/Time	Activity (uCi/cc)
4/26 (0016) - 4/26 (0357)	1.2×10^{-8}
4/26 (0400) - 4/26 (0800)	1.1×10^{-8}
4/26 (0805) - 4/26 (1220)	1.1×10^{-8}
4/26 (1220) - 4/26 (1558)	7.4×10^{-9}
4/26 (1606) - 4/26 (1913)	1.4×10^{-8}
4/26 (1913) - 4/27 (0006)	1.4×10^{-8}

Offsite Measurements

Radiation Levels

Offsite radiation levels identified by NRC survey teams continue to be consistent with natural background levels (0.02 mR/hr maximum). These results were obtained from routine daily surveys performed downwind on the east and west sides of the Susquehanna River at distances up to five miles north and south of the site.

CONTINUED
IMMEDIATE PRELIMINARY NOTIFICATION

Dose rates (47 locations as measured by NRC thermoluminescent dosimeters (TLDs) for the past 24 hour period continue to be consistent with natural background levels.

NRC Environmental Samples (Samples taken offsite within 3 miles of site - analyzed in mobile laboratory)

Sample Type	Date of Sample	Number of Samples	Results
air	4/26-27	7	Less than MDA*
daily air	4/25-26	1	Less than MDA
rain water	4/26	1	Less than MDA

EPA Environmental Samples (Analyzed at Remote Laboratory)

EPA reported orally that the air samples collected on 4/24 - 4/25 from the 31 sampling stations were all less than MDA for I-131.

All EPA samples were taken at distances greater than 2 miles from the site.

*MDA - minimum detectable activity.

The Commonwealth of Pennsylvania has been informed of these results.

Contact: RCPaulus, IE 27246 DThompson, IE x27246

Distribution: Transmitted H St 12:45p

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Transmitted: MNBB 12:45p
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

Commissioner Bradford
Commissioner Ahearne
P. Bldg 3:12
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 12:54p.
W. J. Dircks, NMSS
S. Levine, RES

S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)
J. G. Davis, IE
Region I 3:15
Region II 3:25
Region III 4:00
Region IV 4:15
Region V 4:30
(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

IE (TMI) Site ~~12:51~~ 2:30 (Provide copy to STATE)
White House Situation Room 5:00
Xscot FDAA _____ (Provide copies to the Administrator and the Operations Center)
EPA 12:25 (Xscot) (6m)
Rep. DOE/EOC _____
Xscot PEMA 4:45
3-m BRP (State of PA) 4/27-1:00p.
DCPA ~~12:25 (3m) (6m)~~
Xscot) HEW _____
Handcarry (FAA)
Xscot C. Abraham, PA (Middletown Information Center) 2:45 p.m.

April 28, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-79-67AI

This preliminary notification constitutes summary information of an event of safety or public interest significance . The information presented is a summary of information as of 7:00 a.m. on April 28, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN-50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The average coolant temperature is 179 degrees F. Steam is being admitted to the main condenser through the turbine bypass valves from the A Steam Generator. The highest incore temperature reading is 319 degrees F.

Pressurizer level Lt-3 failed at 9:15 a.m. on April 27. Pressurizer level is now being monitored by the back-up Heise Gauge and a mass balance calculation. Because of the degradation of the level instrumentation natural circulation was initiated ahead of schedule. Reactor Coolant Pump 2A was shut down at 2:08 p.m. on April 27 and natural circulation was established on both Steam Generators.

Increasing levels of radioactivity were noted shortly after the start of steaming the B Steam Generator. Offsite monitoring was conducted and the levels returned to natural background levels within three to four hours.

Steaming of the B Steam Generator was stopped at 1:10 a.m., April 28 due to an indicated increase in the level of ventilation stack activity. This indication was later found to be in error. Natural circulation is continuing on the A Steam Generator.

Environmental Status

Aerial Measuring System (AMS) surveys were conducted from late morning until 6:00 p.m. on April 27. Xe-133 activity was detected up to 10 miles downwind (SSE). Maximum readings were 0.2 mR/hr. No iodine was detected during aerial surveys.

Offsite Measurements

Radiation Levels

Offsite radiation levels indentified by NRC survey teams were consistent with the AMS Survey. Readings from background to 0.35 mR/hr were present in SSE direction from the site.

Dose rates (47 locations as measured by NRC thermoluminescent dosimeters (TLDs) for the past 24 hour period continue to be consistent with natural background levels.

NRC Environmental Samples (Samples taken offsite within 3 miles of site analyzed in mobile laboratory)

Sample Type	Date of Sample	Number of Samples	Results
air	4/27	17	Less than MDA*
daily air	4/26-27	1	Less than MDA

EPA Environmental Samples (Analyzed at Remote Laboratory)

Sample Type	Date of Sample	Number of Samples	Results
air	4/25-26	5	Less than MDA
air	4/25-26	1	3.4×10^{-13} microcuries per cubic centimeter (0.34 picocuries per cubic meter) I-131
discharge water	4/21-26	7	Less than MDA

All EPA samples were taken at distances greater than 2 miles from the site

*MDA - minimum detectable activity.

EPA provided spike milk samples on 4/27/79 for interlab comparison of analytical methods by each agency performing milk analysis.

The Commonwealth of Pennslyvania has been informed of these results.

Contact:

Distribution: Transmitted H St _____

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)
Transmitted: MNBB _____	P. Bldg _____	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I _____
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II _____
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III _____
N. M. Haller, MPA	V. Stello, NRR	Region IV _____
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V _____
H. K. Shapar, ELD	SS Bldg _____	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site _____ (Provide copy to STATE)
C. Abraham, PA _____(Middletown - TMI- Information Center)
White House Situation Room _____
FDAA_____(Provide copies to the Administrator and the Operations Center)
EPA _____
DOE/EOC _____
PEMA _____
BRP (State of PA) _____
DCPA _____
HEW _____
Handcarry (FAA)

April 29, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AJ

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 29, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The average coolant temperature is 175 degrees F. Steam is being admitted to the main condenser through the turbine bypass valves from the A Steam Generator. The highest incore temperature reading is 320 degrees F. Natural circulation is continuing on the A Steam Generator.

Environmental Status

Two Aerial Measuring System (AMS) Surveys were made on April 28, 1979. No radioactivity above natural background was detected.

Iodine concentration at Unit 2 ventilation stack (Analyzed by NRC Mobile Laboratory).

Date/Time	Activity (uCi/cc)
4/27 (0011) - 4/28 (0038)	1.11×10^{-8}
4/28 (0042) - 4/28 (0830)	3.35×10^{-9}
4/28 (0832) - 4/28 (1625)	9.51×10^{-9}

Offsite Measurements

Radiation Levels

Offsite radiation levels identified by NRC survey teams continue to be consistent with natural background levels (0.02 mR/hr maximum). These results were obtained from routine daily surveys performed downwind on the east and west sides of the Susquehanna River at distances up to five miles north and south of the site.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters (TLDs) for the past 24 hour period continue to be consistent with natural background levels.

CONTINUED
IMMEDIATE PRELIMINARY NOTIFICATION

NRC Environmental Samples (Samples taken offsite within 3 miles of site analyzed in mobile laboratory)

Sample Type	Date of Sample	Number of Samples	Results
air	4/28	9	Less than MDA*
daily air	4/28-29	1	Less than MDA

EPA Environmental Samples (Analyzed at Remote Laboratory)

No Sample Results Reported.

*MDA - minimum detectable activity.

The Commonwealth of Pennsylvania has been informed of these results.

Contact: DChapell, IE x28080; DThompson, IE x 28487

Distribution: Transmitted H St 11:20a.

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Transmitted: MNBB 11:21a.
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

Commissioner Bradford
Commissioner Ahearne
P. Bldg 11:23a
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 11:25
W. J. Dircks, NMSS
S. Levine, RES

S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)
J. G. Davis, IE
Region I 11:27a.
Region II 11:30a.
Region III 11:33a
Region IV 11:35a
Region V 11:36a
(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

IE (TMI) Site 11:40a. (Provide copy to STATE)
C. Abraham, PA 11:46a. (Middletown - TMI- Information Center)
White House Situation Room 1:00p.m.
FDAA 12:00 Noon (Provide copies to the Administrator and the Operations Center)
EPA 12:10p.
DOE/EOC 12:50
PEMA 12:20p.
BRP (State of PA) 12:50
DCPA 12:50
HEW No answer
Handcarry (FAA)

PD

IMMEDIATE
PRELIMINARY NOTIFICATION

April 30, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AK

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 30, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The average coolant temperature is being maintained at 175 degrees F by natural circulation. Steam is being admitted to the main condenser through the turbine bypass valves from the A Steam Generator. The highest incore temperature reading is 323 degrees F.

Environmental Status

One Aerial Measuring System (AMS) Survey was made on April 29, 1979. No radioactivity above natural background was detected.

Iodine concentration at Unit 2 ventilation stack for the 24 hour period ending at 12:25 a.m. April 29 was 8.21×10^{-9} microcuries per cubic centimeter (Analyzed by NRC Mobile Laboratory).

An NRC survey of the site perimeter was conducted on April 29. Radiation levels were in the range of 0.02 - 0.03 mR/hr.

Offsite Measurements

Radiation Levels

Offsite radiation levels identified by NRC survey teams continue to be consistent with natural background levels (0.02 mR/hr maximum). These results were obtained from routine daily surveys performed downwind on the east and west sides of the Susquehanna River at distances up to five miles north and south of the site.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters (TLDs) for the past 24 hour period continue to be consistent with natural background levels.

CONTINUED
IMMEDIATE PRELIMINARY NOTIFICATION

NRC Environmental Samples (Samples taken offsite within 3 miles of site analyzed in mobile laboratory)

Sample Type	Date of Sample	Number of Samples	Results
air	4/29	4	Less than MDA*
daily air	4/28-29	1	Less than MDA
milk	4/29	3	Less than MDA
discharge water	4/29	34	Less than MDA
vegetation	4/29	1	2.7×10^{-4} microcuries/square meter

EPA Environmental Samples (Analyzed at Remote Laboratory)

No Sample Results Reported.

The Commonwealth of Pennsylvania has been informed of these results.

*MDA - minimum detectable activity.

Contact: RCPaulus, IE x27246 DThompson, IE x28487

Distribution: Transmitted H St 10:40

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Transmitted: MNBB 10:45
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

Commissioner Bradford
Commissioner Ahearne
P. Bldg ~~10:50~~ 11:32
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg ~~10:50~~ 11:00
W. J. Dircks, NMSS
S. Levine, RES

S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)
J. G. Davis, IE
Region I 11:35
Region II 11:05
Region III 11:10
Region IV 11:
Region V 11:15
(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

IE (TMI) Site 11:26 (Provide copy to STATE)
C. Abraham, PA 1:18 (Middletown - TMI-Information Center)
White House Situation Room 1:45
FDAA 11:40 (Provide copies to the Administrator and the Operations Center)
EPA 12:17
DOE/EOC 11:29
PEMA 2:34
BRP (State of PA) 3:45
DCPA 4:00
HEW 1:30 (Pick up)
Handcarry (FAA)

May 1, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AL

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on May 1, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The average coolant temperature is being maintained at 175 degrees F by natural circulation. Steam is being admitted to the main condenser through the turbine bypass valves from the A Steam Generator. The highest incore temperature reading is 326 degrees F.

Environmental Status

One Aerial Measuring System (AMS) Survey was made on April 30, 1979. No radioactivity above natural background was detected.

Iodine concentration at Unit 2 ventilation stack for the 24 hour period ending at 12:08 a.m., April 30 was 1.5×10^{-8} microcuries per cubic centimeter (Analyzed by NRC Mobile Laboratory).

Offsite Measurements

Radiation Levels

Offsite radiation levels identified by NRC survey teams continue to be consistent with natural background levels (0.02 mR/hr maximum). These results were obtained from routine daily surveys performed downwind on the east and west sides of the Susquehanna River at distances up to five miles north and south of the site.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters (TLDs) for the past 24 hour period continue to be consistent with natural background levels.

NRC Environmental Samples (Samples taken offsite within 3 miles of site analyzed in mobile laboratory)

Sample Type	Date of Sample	Number of Samples	Results
air	4/30	4	Less than MDA*
daily air	4/29-30	1	Less than MDA
cow's milk	4/28	1	Less than MDA
discharge water	4/30	1	Less than MDA
vegetation	4/30	3	Less than MDA
goat's milk	4/30	1	3.19×10^{-8} uCi/ml

EPA Environmental Samples (Analyzed at Remote Laboratory)

Sample Type	Date Collected	Number	Results
Air Iodine	4/23 4/24	25 7	Two samples had detectable I-131 (Highest at 1.0 picocuries per cubic meter) - (Less than MDA on all others)
Milk	4/23, 24, 25	18	Less than MDA for I-131
Noble gases	4/26, 27, 28	6	Xe-133 level from 10 to 958 picocuries per cubic meter. The highest was collected on 4/26-4/28 5.3 mi @ 145°. Kr-85 was within the range of normal Kr-85 background.)
Water	4/22-4/27	3	Less than MDA.
Air Iodines	4/28 4/29	31 4	Less than MDA. 2 were less than MDA, two showed I-131 at 0.38 and 0.48 picocuries per cubic meter.

No other agency data received.

The Commonwealth of Pennsylvania has been informed of these results.

*MDA - minimum detectable activity.

Correction

PNO-79-67AK, 4/30/79, reported 34 discharge water samples collected on 4/29/79. It should have read 4.

IMPORTANT NOTE - FUTURE PN'S

This is the last daily update of information on the Three Mile Island incident. Henceforth, updates will be issued each Monday. Significant information, however, will be reported immediately in a Preliminary Notification.

Contact: RCPaulus, IE x27246 DThompson, IE x28487

Distribution: Transmitted H St 1:55

Chairman Hendrie
Commissioner Kennedy
Commissioner Gilinsky
Commissioner Bradford
Commissioner Ahearne
S. J. Chilk, SECY
C. C. Kammerer, CA
(For Distribution)

Transmitted: MNBB 1:58
L. V. Gossick, EDO
H. L. Ornstein, EDO
J. J. Fouchard, PA
N. M. Haller, MPA
R. G. Ryan, OSP
H. K. Shapar, ELD

P. Bldg 2:05
H. R. Denton, NRR
R. C. DeYoung, NRR
R. J. Mattson, NRR
V. Stello, NRR
R. S. Boyd, NRR
SS Bldg 2:09
W. J. Dircks, NMSS
S. Levine, RES

J. G. Davis, IE
Region I 2:15
Region II 3:40
Region III 2:30
Region IV 3:50
Region V 3:55
(MAIL)
J. J. Cummings, OIA
R. Minogue, SD

IE (TMI) Site 2:53 (Provide copy to STATE)
C. Abraham, PA 2:20 (Middletown - TMI-Information Center)
White House Situation Room 3:10
FDAA 3:20 (Provide copies to the Administrator and the Operations Center)
EPA 4:15
DOE/EOC 4:05
PEMA 3:40
BRP (State of PA) 4:40
DCPA 4:50
HEW 3:50
Handcarry (FAA)

IMMEDIATE
PRELIMINARY NOTIFICATION

May 7 1979

PRELIMINARY NOTIFICATION OF AN EVENT OR UNUSUAL OCCURRENCE - PNO-79-67AM

This preliminary notification provides updated information of safety or public interest significance.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Operational Status:

1. Three of four trains of an independent, additional charcoal filter system are presently in operation. Iodine concentrations in the gaseous effluent are consistently below continuous release limits and below normally detectable levels most of the time.

2. Hydrostatic testing of the existing decay heat removal system ("B" loop) is in progress.

3. The pressurizer has been taken "solid" to demonstrate continued decay heat removal capability with the primary coolant system completely filled and to obtain confirmatory information on pressurizer level.

4. Measurement of the liquid level inside containment is planned in the near future by measuring the hydrostatic head on the sump discharge piping using a recently installed Heise gage.

5. A measurement was made of the radioactivity inside the containment building. It indicates that the present dose level from gases within the building is about 100 R/hr. Other radiation sources such as activity deposited on the containment walls and water on the reactor building floor also contribute to the dose levels in the containment but cannot be directly estimated at this time.

Environmental Status

Environmental radiation levels continue to be consistent with natural background levels. Approximately thirteen minor releases have occurred during the past week (May 1-6) in conjunction with venting of the primary make-up tank. Aerial and ground surveys taken during these releases indicated radiation levels at background, except for the periods 2000-2100 hrs on 5/1, 1500-2000 hrs on 5/3, and 0700-0800 hrs on 5/4, when aerial measurements reported I-131 at MDA levels and ground survey readings were 0.034 to 0.04 mr/hr. During the period May 1-6, approximately 37 air samples were collected and all were less than MDA. Vegetation samples collected following the releases were all less than MDA. EPA air and water samples collected during the period April 26 to May 3 showed no evidence of fission products (0.1-0.2 picocuries per cubic meter I-131 for air, and 130 picocuries per liter I-131 for water).

CONTINUED
IMMEDIATE PRELIMINARY NOTIFICATION

Contact: RCPaulus, IE x27246; DThompson, IE, x28487

Distribution: Transmitted H St ~~11:15~~ 6

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne 11:50	C. C. Kammerer, CA (For Distribution)
Commissioner Gilinsky 11:45		J. G. Davis, IE
Transmitted: MNBB ~~11:20~~	P. Bldg ~~11:20~~	Region I ~~11:25~~ 11:47
L. V. Gossick, EDO	H. R. Denton, NRR	Region II 11:25
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region III 11:30
J. J. Fouchard, PA	R. J. Mattson, NRR	Region IV 11:33
N. M. Haller, MPA	V. Stello, NRR	Region V 11:35
R. G. Ryan, OSP	R. S. Boyd, NRR	(MAIL)
H. K. Shapar, ELD	SS Bldg 11:40	J. J. Cummings, OIA
	W. J. Dircks, NMSS	R. Minogue, SD
	S. Levine, RES	

IE (TMI) Site ~~11:55~~ 4:10 (Provide copy to STATE)
C. Abraham, PA ~~11:55~~ (Middletown - TMI- Information Center)
White House Situation Room 2:05
FDAA 4:22 (Provide copies to the Administrator and the Operations Center)
EPA 2:20
DOE/EOC 12:30 5/8
PEMA 2:35
BRP (State of PA) 9:45 5/8
DCPA 12:00 5/8
HEW 12:15 5/8
Handcarry (FAA)

IMMEDIATE
PRELIMINARY NOTIFICATION

May 14, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AN (Corrected)

This preliminary notification constitutes summary information of an event of safety or public interest significance.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Operational Status

1. The average coolant temperature is being maintained at 170 degrees F by natural circulation. Pressure is about 650 psi. Steam is being admitted to the main condenser through the turbine bypass valves from the A Steam Generator. The highest incore temperature reading is 308 degrees F.

2. All four trains of the independent, additional charcoal filter system are presently operable. Normally three trains are operating at any one time to provide additional filtration for the entire gaseous effluent flow from Unit 2. Iodine concentrations in the gaseous effluent have been below instantaneous release limits and below detectable levels most of the time.

3. Preliminary hydrostatic testing of the existing decay heat removal system ("A" and "B" loops) has been performed. Leaks have been identified and are being corrected.

4. The pressurizer has been taken "solid" periodically to obtain confirmatory information on pressurizer level and to check primary system leak rate.

5. Measurements of the liquid level inside containment is planned in the near future by measuring the hydrostatic head on the sump discharge piping using a recently installed Heise gage.

Environmental Status

Environmental radiation levels continue to be consistent with natural background levels. There were approximately four minor releases during the past week (May 7-13, 1979) associated with venting of the primary makeup tank and work on the new filter train system and monitors. During this period 14 24-hour continuous air samples and 27 air grab (1 to 2 hr.) samples were collected, and all were less than MDA. A goat milk sample taken on May 8, 1979 contained an I-131 concentration of 12 pCi/liter. The latest goat milk sample collected and analyzed on May 13 showed less than MDA for I-131 (F10 pCi/1). Grass samples taken at the goat farm showed I-131 levels less than MDA. Cow milk samples and grass samples from other locations show less than MDA levels for I-131. Ground surveys continued to show radiation to be at background levels. Aerial surveillance flights have not shown any levels of I-131 above MDA. Other Federal Agencies have not reported any positive values for samples taken during this period.

CONTINUED

Contact: RCPaulus, IE x27246; DThompson, IE x28487

Distribution: Transmitted H St 4:05

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky 4:12	ACRS	(For Distribution)
Transmitted: MNBB ~~4:10~~	P. Bldg 9:10	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I ~~4:20~~ 4:35
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 4:25
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 4:20
N. M. Haller, MPA	V. Stello, NRR	Region IV 4:38
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 4:45
H. K. Shapar, ELD	SS Bldg 4:20	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 8:40 5/15 (Provide copy to STATE)
C. Abraham, PA _____ (Middletown - TMI- Information Center)
White House Situation Room 9:08 5/15
FDAA 9:30 5/15 (Provide copies to the Administrator and the Operations Center)
EPA 9:35 5/15
DOE/EOC 8:45 5/15
PEMA ~~8:40~~ 5/15
BRP (State of PA) 9:40 5/15
DCPA 9:58 5/15
HEW 3:00 5/15
Handcarry (FAA)

IMMEDIATE
PRELIMINARY NOTIFICATION

May 21, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AO

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on May 21, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

Operational:

1. The average coolant temperature is being maintained at 170 degrees F by natural circulation. Pressure is about 300 psi. Steam is being admitted to the main condenser through the turbine bypass valves from the A Steam Generator. The highest incore temperature reading is 301 degrees F.

2. Hydrostatic testing of the existing decay heat removal system "B" loop has been performed satisfactorily. Leaks have been identified and are being corrected in the "A" loop.

3. The pressurizer has been taken "solid" periodically to obtain confirmatory information on pressurizer level and to check primary system leak rate.

4. The water level in the reactor building was measured and found to be 6.1' above floor level. This is about 450,000 gallons.

5. One of two primary system pressure indications now in use is giving erratic readings. Direct reading pressure gages can be connected to the system if needed.

Environmental Status

Environmental radiation levels continue to be consistent with natural background levels. Approximately six minor releases have occurred during the past week (May 14-20) in conjunction with changing levels in the primary make-up tank and sampling the primary system. Aerial and ground surveys taken during these releases indicated no radiation levels above background, except for a release at 1300 on May 16, when an aerial measurement above the stack read 0.05 mR/hr. No radiation was detected on the ground. During the period May 14-20, approximately 36 air samples were collected and all were less than MDA. Vegetation and milk samples collected during this period also showed no activity above MDA. EPA and FDA air, water milk and food samples collected during this past week up to May 19 showed no detectable activity from TMI.

CONTINUED

Contact: RCPaulus, IE x27246 DThompson, IE x28487

Distribution: Transmitted H St 11:04

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky	ACRS	(For Distribution)
Transmitted: MNBB ~~3:35~~ 4:40	P. Bldg 11:00	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I ~~11:06~~ 11:15
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 11:10
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 11:55
N. M. Haller, MPA	V. Stello, NRR	Region IV 12:10
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 12:00
H. K. Shapar, ELD	SS Bldg 2:00	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 9:30 5/22 (Provide copy to STATE)
C. Abraham, PA _____ (Middletown - TMI-Information Center)
White House Situation Room 9:35 5/22
FDAA 9:55 5/22 (Provide copies to the Administrator and the Operations Center)
EPA 10:35 5/22
DOE/EOC 4:15
PEMA 10:00 5/22
BRP (State of PA) 10:25 5/22
DCPA 9:45 5/23
HEW 3:00 pm
Handcarry (FAA)

IMMEDIATE
PRELIMINARY NOTIFICATION

IMMEDIATE
PRELIMINARY NOTIFICATION

May 22, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AP

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on May 22, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND - REPORTED DEATHS OF COWS

Newspaper, television and radio stories this past weekend have reported that a number of cows have died in a herd near TMI at the Hoover Farm in Bainbridge, Pennsylvania. The article in the Harrisburg Sunday Patriot News reported that the owner of the herd believed the deaths were caused by the accident at TMI. The deaths all involved cows giving birth. Twelve calves have been stillborn and 7 cows have died after giving birth. The article stated that the state lab and the Hershey Medical Center have conducted post mortems and other tests on the dead animals. The symptons common to all the deaths were intrauterine infections and anemia.

On Sunday afternoon, May 20, 1979, an NRC survey team accompanied by an EPA representative went to the Hoover Farm located about six miles southeast of the plant. Mr. Hoover and his wife stated that they suspect the cows died from leukemia caused by the radiation from TMI. They stated that they never had this problem in the past. They also stated that they knew of two other farmers that were having similar problems. The initial death occurred on April 5. The survey team took samples of feed, grass, soil, well water and milk for radiological analysis. The EPA representative also collected samples.

The Pennsylvania State Department of Agriculture has veterinarians looking into the problem. They are investigating the possibility that a virus infection is the cause of the deaths and that, if so, in a few days they will have identified the virus. The State Bureau of Radiological Health will make a radiological examination of the internal organs of one cow. Another State Agency will examine them for heavy metals. The FDA has sent a veterinarian from the Phildelphia regional office to examine the herds involved.

CONTINUED

Contact: EDFlack, IE 28188 LJCunningham, IE x28188 LBHigginbotham, IE x28188

Distribution: Transmitted H St 11:05

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky	ACRS	(For Distribution)

Transmitted: MNBB 11:20	P. Bldg 11:52	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 11:35
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 12:00
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 11:15 N.
M. Haller, MPA	V. Stello, NRR	Region IV 12:03
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 11:48
H. K. Shapar, ELD	SS Bldg 11:10	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 11:45 (Provide copy to STATE)
C. Abraham, PA _____ (Middletown - TMI-Information Center)
White House Situation Room 1:20
FDAA 2:45 (Provide copies to the Administrator and the Operations Center)
EPA 2:50
DOE/EOC 3:55
PEMA 4:00
BRP (State of PA) 4:05
DCPA 9:45 5/23
HEW _____
Handcarry (FAA)

IMMEDIATE
PRELIMINARY NOTIFICATION

May 29, 1979

PRELIMINARY NOTIFICATION OF AN EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AQ

This preliminary notification provides updated information of safety or public interest significance.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Operational:

1. The average coolant temperature is 158 degrees F and being maintained around that temperature by natural circulation. Pressure is about 450 psi with the pressurizer in solid operation. Steam is being admitted to the main condenser through the turbine bypass valve from the A Steam Generator. The highest incore temperature reading is 291°F.

2. Water level in the reactor building is being measured daily, and was 6.8 feet above floor level this morning. The lowest decay heat system motor-operated valve (DH-V2) in the reactor building was opened on May 25 as a precautionary measure, due to increasing water level. Secondary sources of water into the reactor building have since been isolated, including the fan coolers water supply, to reduce water in-leakage.

3. Preoperational testing is in progress for the Spent Fuel Pool Tank Farm, Once-Through Steam Generator "B" Long-Term Cooling System, and the modified rad waste treatment system (EPICOR). The testing is scheduled for completion by June 1.

Environmental Status

Environmental radiation levels continue to be consistent with natural background levels. A slight change in background level on May 24 and 25 was shown to be due to changing levels of naturally occurring Rn-222 caused by a weather front moving through the area. Airborne releases have been below Technical Specification limits. During the period May 21-28, approximately 35 air samples were collected by the NRC and all were less than MDA. Vegetation and milk samples collected during this period also showed no activity above MDA. EPA air, water and milk samples collected during this past week up to May 24 showed no detectable activity from TMI.

The State of New Jersey reported that they detected no I-131 in any of the 83 milk samples they analyzed between March 29, 1979 and April 24, 1979. These samples included milk from counties within 50 miles of Harrisburg, Pennsylvania and supplied to New Jersey consumers, the Salem, New Jersey area, and northern New Jersey farms.

CONTINUED

Analyses have been completed on samples of milk, water, soil, feed and grass collected at the Claire Hoover farm on May 20, 1979 (Reference PNO-79-67AP). No reactor related radionuclides were detected by either the EPA or NRC.

Contact: RCPaulus, IE x27246 DThompson, IE x28487

Distribution: Transmitted H St 3:57 ~~3:55~~

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky	ACRS	(For Distribution)

Transmitted: MNBB 3:55	P. Bldg 10:00	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I 10:52 5/30
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II 10:45 5/30
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III 10:49 5/30
N. M. Haller, MPA	V. Stello, NRR	Region IV 12:20 5/30
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V 10:55 5/30
H. K. Shapar, ELD	SS Bldg 4:55	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 9:20 5/30 (Provide copy to STATE)
C. Abraham, PA _____ (Middletown - TMI-Information Center)
White House Situation Room 12:15 5/30
FDAA 1:34 5/30 (Provide copies to the Administrator and the Operations Center)
EPA 2:30 5/30
DOE/EOC 1:20 5/30
PEMA 1:50 5/30
BRP (State of PA) 2:45 5/30
DCPA 3:15
HEW 3:00 5/30
Handcarry (FAA)

IMMEDIATE
PRELIMINARY NOTIFICATION

N093

RW

TMI CLEANUP

BY JEFF BARKER

WASHINGTON (AP) -- SEVENTY PERCENT OF THE MATERIAL INSIDE THE CORE OF THE CRIPPLED THREE MILE ISLAND NUCLEAR REACTOR MAY HAVE LIQUEFIED DURING THE MARCH 1979 ACCIDENT, SAYS A GOVERNMENT SCIENTIST.

THE LIQUEFIED MATERIAL INCLUDED FUEL, PARTS OF THE CORE STRUCTURE AND THE TUBES IN WHICH THE FUEL IS CONTAINED, SAID DON MCPHERSON, A DEPARTMENT OF ENERGY OFFICIAL WHO MANAGES THE TMI UNIT-2 ACCIDENT EVALUATION PROGRAM.

HIS REMARKS CAME DURING AN INTERVIEW IN WHICH HE EXPANDED ON A PRESENTATION TUESDAY TO THE NUCLEAR REGULATORY COMMISSION. THE COMMISSION HAS BEEN MONITORING THE $1 BILLION TMI CLEANUP.

MCPHERSON SAID BETWEEN 5 PERCENT AND 10 PERCENT OF THE FUEL MELTED AFTER REACHING A TEMPERATURE OF 5,100 DEGREES. MUCH MORE -- PERHAPS 60 PERCENT -- BEGAN TO DISSOLVE AND MELD WITH A METALLIC ELEMENT IN THE CORE AFTER REACHING 3,050 DEGREES, HE SAID.

MCPHERSON'S ESTIMATES CAME 13 MONTHS AFTER THE FIRST PUBLIC DISCLOSURE THAT URANIUM FUEL HAD MELTED DURING THE ACCIDENT. PREVIOUS STUDIES INDICATED ONLY THAT SOME METAL PARTS IN THE CORE HAD MELTED.

INDUSTRY CRITICS AND OPPONENTS OF THE NUCLEAR INDUSTRY SAID THE 1985 FINDING MEANT THE ACCIDENT WAS MORE SEVERE THAN HAD BEEN BELIEVED.

GENERAL PUBLIC UTILITIES NUCLEAR CORP., WHICH OPERATES THE PLANT NEAR HARRISBURG, PA., HAS REFUSED TO ESTIMATE HOW MUCH FUEL OR CORE MATTER MELTED.

ASKED ABOUT MCPHERSON'S REMARKS, GPU NUCLEAR SPOKESMAN DOUG BEDELL SAID HE DID NOT KNOW KNOW HOW MUCH OF THE FUEL OR CORE MATERIAL MELTED.

''WE DON'T HAVE COMPLETE ACCESS,'' HE SAID.

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