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2 NUCLEAR REGULATORY COMMISSION

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4 JAPAN'S FUKUSHIMA DAIICHI ET AUDIO FILE

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(CONFERENCE CALL INITIATED)

HEADQUARTERS OPERATIONS OFFICER: This is the Headquarters Ops Officer, Chuck Casto is coming up on the bridge.

MALE PARTICIPANT: Chuck, are you there?

MR. CASTO: Yes, I'm here.

BRUCE: Chuck, Bruce.

MR. CASTO: Hey, Bruce. Hey Bruce, there was an email from Richard Lee to Brian Sheron on Wednesday, March 23rd at 19:43:35. It's titled "Conference Call with DOE 6:00 to 7:00 p.m." I don't know if you've seen this email or not, but it's a

(b)(5)

If I understand it, he's taking issue with

(b)(5)

asked whether this issue has been resolved. He said

(b)(5)

it.

BRUCE: Right.

1 (b)(5) [redacted]
2
3
4 for some reason, (b)(5) [redacted]
5 (b)(5) [redacted]
6 to TEPCO. That's what I take from this.
7 BRUCE: Okay, now, can you send us that?
8 MR. CASTO: I knew you were going to ask
9 that. I'll fax it to you, because I don't know who
10 has it on email.
11 BRUCE: Okay, that's fine.
12 MR. CASTO: Oh, doesn't even have it, no,
13 Jim Trapp has it on email. If you send it to the HOO
14 and Brian, or Bruce Boger.
15 BRUCE: Bruce Boger.
16 MR. CASTO: Yes. So, you know, somebody
17 (b)(5) [redacted]
18
19
20
21
22
23 BRUCE: Now when, that's just kind of a
24 sub-question is, I'm unfamiliar with how you guys
25 (b)(5) [redacted]

1 MR. CASTO: (b)(5) [redacted]

2 embedded in our team, that's been embedded, yes.

3 BRUCE: Okay.

4 MR. CASTO: (b)(5) [redacted]

5 (b)(5) [redacted] hey, you know,

6 they were fully plugged in to the rationale of why we

7 (b)(5) [redacted]

8 BRUCE: And they were unable to let their

9 chain of command understand the rationale?

10 MR. CASTO: Well they did, they told Kelly

11 that we were not going to provide the letter, but

12 (b)(5) [redacted]

13

14

15 them do. As far as I'm concerned, (b)(5) [redacted]

16 (b)(5) [redacted]

17 TEPCO?

18 BRUCE: Did the, you know, the Chairman

19 didn't want any letter going to TEPCO that wasn't okay

20 with the NRC Team.

21 MR. CASTO: Right.

22 BRUCE: And he was thinking you, Chuck

23 actually.

24 MR. CASTO: Yes, and we didn't think it

25 (b)(5) [redacted]

1 lot of discussion about that letter yesterday. And we
2 didn't think it was prudent that that be the only
3 letter going to TEPCO, you know, and if you guys had
4 problems with paragraph 3, I decided that, it would
5 (b)(5) [redacted]
6 We had four other evaluations that were
7 much more comprehensive than that letter, that we, you
8 know, that we've provided. So, I didn't see where,
9 (b)(5) [redacted]
10 BRUCE: Yes.
11 MR. CASTO: So if they want to, you know,
12 (b)(5) [redacted]
13
14 letter to them.
15 BRUCE: Okay. I think I understand the
16 conflict. I don't think I know how to solve it, but -
17 -
18 MR. CASTO: Well I think what you have to
19 (b)(5) [redacted]
20
21
22 BRUCE: Okay. Yes, we, I was on the phone
23 (b)(5) [redacted]
24
25 the NRC.

1 MR. MCGINTY: Yes, this is Tim McGinty.

2 (b)(5) [redacted]

3

4 in that --

5 MR. CASTO: (b)(5) [redacted]

6 after he wrote, after this email got written, I don't

7 know.

8 BRIAN: Hey Chuck, Brian Halling

9 (phonetic), and one other thing was, were those other

10 evaluations, (b)(5) [redacted] were those

11 given to TEPCO?

12 MR. CASTO: Yes.

13 BRIAN: Okay, so --

14 MR. CASTO: But those were technical

15 evaluations.

16 BRIAN: Yes, not letter of recommendation.

17 MR. CASTO: Right, I mean they had

18 something you could deal with, right? We had talked

19 to Brian Sheron about that.

20 BRIAN: Yes.

21 MR. CASTO: Or Jim Wiggins and said, you

22 know, these things have, they're mathematical

23 equations, you know, here's what we think. This

24 letter was a, here's our opinion letter.

25 BRIAN: Right.

1 MR. CASTO: And we just --

2 BRIAN: Go forward strategy.

3 MR. CASTO: Right. And we, you know, we

4 just (b)(5) [redacted] We

5 had already had, you know, (b)(5) [redacted]

6 (b)(5) [redacted]

7

8 (b)(5) [redacted]

9

10 BRIAN: Okay.

11 MR. CASTO: I mean, that was our call, and

12 (b)(5) [redacted]

13

14

15 needs to know what our rationale was for it.

16 BRIAN: Yes, okay.

17 MR. CASTO: (b)(5) [redacted]

18 (b)(5) [redacted]

19

20

21 BRIAN: Okay. We'll get together a plan

22 of attack for the morning, unless the Nippon

23 (phonetic) team can start inroads in the meantime.

24 MR. CASTO: Okay, hey, thanks a lot.

25 BRUCE: Hey, Chuck?

MR. CASTO: Yes?

BRUCE: Hey, is the (b)(5) rep in place?

MR. CASTO: Yes, he got here about 30 minutes ago.

BRUCE: Okay.

MR. CASTO: He's already gone to another, to a meeting.

BRUCE: Okay so you're, you are still going to introduce him to folks and --

MR. CASTO: Yes, that's what we're doing now. We've already started that.

BRUCE: Okay.

MR. CASTO: No, he was here 30 minutes and headed to the first meeting. Meetings Are Us.

BRUCE: Very good. I saw your list from yesterday. I assume that was a normal list that --

MR. CASTO: Yes, that's just the unscheduled, or the scheduled meetings.

BRUCE: Okay.

MR. CASTO: It don't count the unscheduled meeting.

BRUCE: Okay.

MR. MCGINTY: All right, well, thanks for checking in and, you know, advising us of something we can help with. Stay in touch.

1 MR. CASTO: All right. Thanks Bruce,
2 thanks Tim.
3 MR. MCGINTY: All right.
4 MR. CASTO: Guys, talk to you soon.
5 BRUCE: All right. Bye.
6 MR. CASTO: Bye.
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(CONFERENCE CALL INITIATED)

(0:07:55)

HEADQUARTERS OPERATIONS OFFICER: This is the Headquarters Operations Officer, Dan Dorman is coming up on the bridge.

BRUCE: Dan, are you there?

MR. DORMAN: Yes I am.

BRUCE: Good afternoon Dan.

MR. DORMAN: Good afternoon.

BRUCE: This is Bruce.

MR. DORMAN: Hey Bruce.

BRUCE: And Marty and Jake.

MR. DORMAN: All right.

BRUCE: And Kelly, Jeff, and Brian.

MR. VIRGILIO: You got the whole crew here.

MR. DORMAN: Okay.

BRUCE: (Inaudible) is listening in anyway.

MR. DORMAN: All right. Well, I just showed up in the building and they said, was Chuck

(b)(5)

and see what's up.

MR. VIRGILIO: There are a couple of

(b)(5) [redacted]

them and I'll let Brian describe it.

MR. HOLIAN: Yes, hi Dan.

MR. DORMAN: Hey.

MR. HOLIAN: All right. Brian Holian here, I'm just going through, you know, we had a draft and I just sent it over to your Site Team to look at. We had it prepped last shift. And it kind of goes through our understanding of plant status now, our assessment of that and then recommendations that we might have looking forward.

(b)(5) [redacted]

MR. DORMAN: Right.

MR. HOLIAN: That thought is in the sheets for the first time and we're asking your Site Team to look at that. (b)(5) [redacted]

(b)(5) [redacted]

But the thinking behind that is, is would we recommend anything. At least, you know, what could happen on the fuel on some of these plants, we've got

1 (b)(5) [redacted]
2
3
4
5 then these are some things you can do.
6 And we might point to our NUREG, the 0800
7 Series, Reactor Safety Series that talks about, you
8 know, BWR vessel issues with fuel and possibility of,
9 you know, breaching some of the --
10 MR. DORMAN: Right. We gave them that
11 document the night before last.
12 MR. HOLIAN: Night before last, good. And
13 we would just point to that, reference it. I'm glad
14 to know that you gave them that, that's good. So that
15 might be referenced in the recommendations and then be
16 (b)(5) [redacted]
17
18 MR. DORMAN: Right.
19 (b)(5) [redacted]
20
21 would we have any other recommendations? You know,
22 would any of that, (b)(5) [redacted]
23 (b)(5) [redacted]
24
25

1 And so they want our best assessment of
2 (b)(5) [redacted]
3
4 would change.
5 MR. DORMAN: Yes.
6 MR. HOLIAN: (b)(5) [redacted]
7 (b)(5) [redacted] Other than it's just a good thing for us to
8 be looking forward, ahead to do anyway. But that's a
9 little bit of that push.
10 MR. VIRGILIO: Just to put a finer point
11 on what Brian just said, Dan, we would give this to
12 (b)(5) [redacted]
13
14 MR. DORMAN: Okay. The one comment I
15 would have on that is, I think the (b)(5) [redacted]
16 (b)(5) [redacted]
17
18
19 Guidelines. So just be aware that --
20 MR. VIRGILIO: We are well aware of that.
21 MR. DORMAN: Okay.
22 MR. VIRGILIO: You know, we would, I think
23 we would just simply say, you know, we continue to
24 support the PAGs, (b)(5) [redacted]
25 (b)(5) [redacted]

1 (b)(5) [redacted]
2
3
4
5 PAGs.
6 MR. DORMAN: I'm not sure how much (b)(5) [redacted]
7 (b)(5) [redacted]
8
9 they're seeing the NRC saying, (b)(5) [redacted] and the
10 (b)(5) [redacted]
11 (b)(5) [redacted]
12
13 of the message that we forwarded to you last night,
14 that they were sending to the Science Advisor to say,
15 you know, hey, you know, these are the kind of actions
16 that we think we would take, with the thresholds at
17 which we should take those.
18 MR. VIRGILIO: And, you know, we continue
19 to support the PAGs.
20 MR. DORMAN: All right, let me put you on
21 the speaker. Chuck just walked in. Let me see if I
22 can do this without losing it. You there?
23 MR. VIRGILIO: Yes, we're here.
24 MR. DORMAN: Okay.
25 MR. VIRGILIO: Chuck?

1 MR. DORMAN: Over at the ET they're
2 putting together a piece (b)(5) [redacted]
3 on the status and where things could go from here,
4 (b)(5) [redacted]
5
6 MR. CASTO: Hey, uh Marty?
7 MR. VIRGILIO: Yes?
8 MR. CASTO: I just spent two and a half
9 hours with two four-stars, a three-star and the
10 Ambassador.
11 MR. DORMAN: Eleven stars.
12 MR. CASTO: That's eleven stars. Okay,
13 plus the Ambassador is like, you know, and then I
14 don't, we need to talk. So, I don't know how we want
15 to do that, but I need to debrief you on all the
16 things that were said in two and a half hours.
17 MR. VIRGILIO: Okay. I can call you back
18 in a minute.
19 MR. CASTO: Yes, and I don't know what
20 the, what's this number here? 5394, what's the whole
21 number? Do you know?
22 MALE PARTICIPANT: (Inaudible) like 3224
23 or something like that.
24 MR. CASTO: Yes, let me get you the whole
25 number here. Stay on a minute.

1 (Off microphone conversation)

2 MR. DORMAN: Just for you all's

3 information, what the meeting I came back from was

4 (b)(5) [redacted]

5

6

7

8 end of the port at the site, and this is all part of

9 the dialogue building up to the Cabinet discussion

10 (b)(5) [redacted]

11 MR. CASTO: (b)(5) [redacted]

12 MR. VIRGILIO: I can't do that.

13 MR. CASTO: Well, hold on, dial my cell

14 phone.

15 MR. VIRGILIO: Yes, let me do that. Okay.

16 MR. CASTO: All right. Let me, drop off

17 here.

18 MR. VIRGILIO: Okay.

19 MR. CASTO: All right, goodbye.

20

21

22

23

24

25

(CONFERENCE CALL INITIATED)

(0:15:52)

BILL: Hey Roy, this is Bill.

MR. ZIMMERMAN: Can you hear me?

BILL: I can.

MR. ZIMMERMAN: How are you?

BILL: I'm good, thanks.

MR. ZIMMERMAN: Good.

BILL: I just sent you an email, and I also sent it to the Liaison Team email address, but (b)(5) [redacted] g

MALE PARTICIPANT: (b)(5) [redacted]

BILL: (b)(5) [redacted] (b)(5) [redacted]

MR. ZIMMERMAN: Okay, you sent him a report, right?

BILL: Yes. And he's had periodic phone calls with him. But he's just looking for an update, or some more information for background for that call. What I don't have is the information that he's been using up to this point. I'm not aware of what we've been giving him, if anything. It might be just (b)(5) [redacted]

MR. ZIMMERMAN: We provide him briefings

1 twice a day by phone, and then we provide him the
2 email write-up at 10:15 each evening.
3 BILL: Yes, right. We provide the
4 (b)(5) [redacted]
5
6 MR. ZIMMERMAN: Okay.
7 BILL: And it makes it sound like there's
8 maybe some briefing sheet that he'd gotten previously
9 (b)(5) [redacted] Anyway, the
10 (b)(5) [redacted]
11 I'm sure, if there's been anything that we provided
12 him.
13 MR. ZIMMERMAN: Okay, I'll have a look at
14 that.
15 BILL: Okay, I just wanted to make you
16 aware that I sent it to your email account and put
17 also to the Liaison Team. And if we can get something
18 (b)(5) [redacted]
19
20 MR. ZIMMERMAN: We'll work on it.
21 BILL: Thank you, sir.
22 MR. ZIMMERMAN: Thank you, have a good
23 night.
24 BILL: You too, bye.
25 MR. ZIMMERMAN: Bye.

1 (CONFERENCE CALL INITIATED)

2 (0:18:06)

3 HEADQUARTERS OPERATIONS OFFICER: This is
4 the Headquarters Operations Officer. The Chairman
5 will be entering the bridge.

6 MR. ZIMMERMAN: Chairman?

7 CHAIRMAN JACZKO: Hello.

8 MR. ZIMMERMAN: Hi, this is Roy Zimmerman
9 in the ET.

10 CHAIRMAN JACZKO: Hey Roy, how are you?

11 MR. ZIMMERMAN: Doing well. Yourself?

12 CHAIRMAN JACZKO: I wanted to update you,
13 and I know how much you've been following this issue
14 to try and get a kind of a logistics, kind of support
15 communications team out there.

16 MR. ZIMMERMAN: Communications support
17 team to keep? Out where?

18 CHAIRMAN JACZKO: To, in Japan, to help
19 out with some of the efforts there.

20 MR. ZIMMERMAN: Okay. This is new.

21 CHAIRMAN JACZKO: I'm sorry? Hello?

22 MR. ZIMMERMAN: Yes, we can hear you, it's
23 just this concept is new to me, of a communication
24 team in Japan.

25 CHAIRMAN JACZKO: Yes, it looks like

1 that's moving forward, so let's just make sure we can
2 put it to good use.
3 MR. ZIMMERMAN: Okay, is there a point of
4 contact you can steer us to?
5 CHAIRMAN JACZKO: I don't think so yet,
6 but it'll be, the folks in Tokyo should get that,
7 because it'll be part of the, it'll be kind of under
8 the auspices of the broader humanitarian assistance
9 mission.
10 MR. ZIMMERMAN: Okay, so we're going to be
11 sending, is it like public affairs people over, or
12 technical people?
13 CHAIRMAN JACZKO: No, no, more of a
14 logistical support team.
15 MR. ZIMMERMAN: Okay, so it's a
16 communication team to support logistics.
17 CHAIRMAN JACZKO: Yes, I shouldn't have
18 said a communication team, it's more of a logistics
19 project management team that, Chuck had asked for
20 this, unfortunately about a week ago, but --
21 MR. ZIMMERMAN: Okay.
22 CHAIRMAN JACZKO: -- it's taken a little
23 while, but it seems to have come together today.
24 MR. ZIMMERMAN: I got you.
25 CHAIRMAN JACZKO: You know --

1 MR. ZIMMERMAN: We'll put it to use.

2 CHAIRMAN JACZKO: Yes, so bottom line is
3 at this point we've got to make good use of it. It's
4 taken every ounce of energy I had to get it together
5 and, so now hopefully it'll get assembled and we'll be
6 able to make some good use of it.

7 MR. ZIMMERMAN: Okay, great. Is it going
8 to be made up just of NRC people, or will it be the
9 Consortium as well?

10 CHAIRMAN JACZKO: It'll likely be DOD
11 personnel leading it and then, you know, so it
12 basically will be a place for (b)(5) and all
13 of those people to kind of latch into, to kind have a
14 central coordinated function for getting equipment,
15 procuring it, figuring out what the requests are,
16 getting it in process, all those kinds of things.

17 MR. ZIMMERMAN: Very good.

18 CHAIRMAN JACZKO: So if you can relay that
19 to Chuck. I don't know what time you're planning on
20 talking to Chuck?

21 MR. ZIMMERMAN: I'm going to let him call
22 us, that we don't interrupt his day too much.

23 CHAIRMAN JACZKO: Okay.

24 MR. ZIMMERMAN: I've done that once
25 already, so I wanted to let him call us.

1 CHAIRMAN JACZKO: Well, if he does call
2 in, if you can patch me in when he does, because I
3 want to just talk to him about this too, and make sure
4 we're all in alignment about what they're going to do
5 and how it'll work.
6 MR. ZIMMERMAN: Very good. We'll do that.
7 CHAIRMAN JACZKO: Okay, good. Thanks Roy.
8 MR. ZIMMERMAN: Thanks for the
9 information.
10 CHAIRMAN JACZKO: Thanks.
11 MR. ZIMMERMAN: All right.
12 CHAIRMAN JACZKO: Bye.
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(CONFERENCE CALL INITIATED)

(0:21:25)

HEADQUARTERS OPERATIONS OFFICER: This is the Headquarters Operations Officer, Bill Borchardt is coming up on the bridge or the ET.

MR. WEBER: Thanks John.

MR. BATKIN: Good morning.

MR. WEBER: Good morning. How are you doing?

MR. BATKIN: Doing all right. How are you guys?

MR. WEBER: Good. Is that Josh?

MR. BATKIN: Yes, this is Josh.

MR. WEBER: Okay.

MR. BATKIN: Sorry.

MR. WEBER: Not a problem. The HOO just announced Bill was coming up and I was like, that doesn't sound like Bill.

MR. BATKIN: Oh, I thought he was telling you about me, sorry about that.

MR. WEBER: No, no. I'm glad you're on, Josh.

MR. BATKIN: I thought I'd just listen in for 10 or 15.

MR. WEBER: That sounds fine.

1 MR. BORCHARDT: Good morning, Michael, I'm
2 here too.
3 MR. WEBER: Good morning Bill. Good, how
4 are you?
5 MR. BORCHARDT: All right.
6 MR. WEBER: Are you coming on for the
7 Chairman's brief?
8 MR. BORCHARDT: Yes and just, you know,
9 checking any developments.
10 MR. WEBER: Okay.
11 MR. BORCHARDT: I see the notes from Bruce
12 Boger about the salt issue popping up again today,
13 huh?
14 MR. WEBER: Yes, that flared up overnight,
15 and apparently the Secretary was not very pleased that
16 (b)(5)
17
18
19 (b)(5)
20
21 MR. BORCHARDT: Right.
22 MR. WEBER: Rather than a shotgun approach
23 which could divert their attention, which I'm sure he
24 would support.
25 MR. BORCHARDT: Yes.

1 MR. WEBER: But I think if we're going to
2 do that, if there's a weakness in our response, in
3 which apparently that (b)(5)
4 (b)(5)
5
6 MR. BORCHARDT: Okay. Thanks.
7 MR. WEBER: Yes, and we have some talking
8 points here that could be used to support that call.
9 So I don't know if you want to do that off line?
10 MR. BORCHARDT: Yes, I'll come over this
11 morning sometime, in a little while, after my morning
12 meetings and we'll figure out what the approach is.
13 MALE PARTICIPANT: Okay.
14 MR. WEBER:
15
16
17 (b)(5)
18
19
20
21 So we have an analysis that was drafted by
22 the RST overnight that should be finalized today
23 during the day shift, that provides our current
24 assessment of the status of the plant and the actions
25 that are being taken.

(b)(5)

MR. BORCHARDT: Okay, I'm sorry, who's pressing them now?

MR. WEBER: Chuck.

MR. BORCHARDT: Okay.

MALE PARTICIPANT: And then we also got the analysis back from NARAC with a much larger source term. This is beyond the bounding plausible, this is the, you know, the kind of worst case?

MR. BORCHARDT: Yes.

MR. WEBER: And that shows that the PAGs are not exceeded in DUF, but it's interesting because the thyroid doses are listed as not applicable, because they had to make modifications to reflect that in reality you would not expect to see significant thyroid doses.

MR. BORCHARDT: Yes.

MR. WEBER: But if you, if you run the code it would show that you would have those doses.

MR. BORCHARDT: Right.

MR. WEBER: All right.

MR. BORCHARDT: Thanks.

1 MR. WEBER: But that takes into account,
2 you know, they're not feeding grass to cows in Alaska
3 now to produce milk. All the things we've been
4 talking about for the last week or so.
5 MR. BORCHARDT: Right.
6 MR. WEBER: So that confirms what we've
7 been saying, that we do not expect to see harmful
8 levels of radioactivity in the United States, which is
9 a good thing.
10 MR. BORCHARDT: That is a very good thing.
11 MR. WEBER: Absolutely.
12 MR. BORCHARDT: Thanks.
13 MR. WEBER: Yes.
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2 (CONFERENCE CALL INITIATED)

3 (0:30:30)

4 HEADQUARTERS OPERATIONS OFFICER: This is

5 the Headquarters Ops Officer. Chairman Jaczko is

6 coming up on the ET.

7 CHAIRMAN JACZKO: Hello.

8 MR. WEBER: Good morning, Chairman.

9 CHAIRMAN JACZKO: How are you?

10 MR. WEBER: Good. This is Mike Weber.

11 CHAIRMAN JACZKO: Hi Mike.

12 MR. WEBER: How are you this morning.

13 CHAIRMAN JACZKO: Good.

14 MR. WEBER: You ready for your brief?

15 CHAIRMAN JACZKO: Yes.

16 MR. WEBER: There was an early morning

17 press conference in Japan, it's on the turnover sheet.

18 NISA indicated that progress is being made in

19 injecting water into the reactors. They're now

20 reporting that they are injecting fresh water into

21 Unit 1.

22 CHAIRMAN JACZKO: Good.

23 MR. WEBER: Apparently they found that

24 they had water in the condensate storage tanks that

25 they could inject in Unit 1, but they're still using

1 the fire trucks to do the injection. We seem --

2 CHAIRMAN JACZKO: Do we know how that

3 inventory would last?

4 MR. WEBER: No, we don't. But at one

5 point I think that we discussed here but, you know,

6 they're also interested in bringing in navy barges

7 that would contain fresh water, which could provide a

8 source for injection.

9 CHAIRMAN JACZKO: Good.

10 MR. WEBER: And, you know, from our

11 discussion previously, they were working to pump water

12 out of the reservoirs that they have close by the

13 site. We're trying to get the pumps to support that.

14 CHAIRMAN JACZKO: Okay.

15 MR. WEBER: Seawater injectioning

16 continues in the other units and as you saw yesterday,

17 the flow rates into Units 1 and 3 appear to be low.

18 CHAIRMAN JACZKO: Yes.

19 MR. WEBER: This morning we're reporting

20 that those flow rates are unknown.

21 CHAIRMAN JACZKO: Okay.

22 MR. WEBER: So obviously there continues

23 to be a fair amount of uncertainty. One change from

24 before, we now believe that integrity of the

25 containment is questionable for all three units.

1 CHAIRMAN JACZKO: Okay.

2 MR. WEBER: We've been reporting that for

3 Units 2 and 3, but now we're also including Unit 1 --

4 CHAIRMAN JACZKO: Okay.

5 MR. WEBER: -- in that category. And as

6 best we know, they're continuing to work to restore

7 those pumps, for the motors for the pumps in the Unit

8 5 reactor. You recall that tripped off yesterday when

9 they made their shift from emergency power to offsite

10 AC power.

11 CHAIRMAN JACZKO: Yes.

12 MR. WEBER: So we have nothing substantial

13 to update on that. For the restoration of the power

14 cables, 480-volt lines have been restored for portions

15 of all four units now.

16 CHAIRMAN JACZKO: Okay.

17 MR. WEBER: But they continue to have only

18 a limited capability to operate equipment onsite.

19 CHAIRMAN JACZKO: Okay.

20 MR. WEBER: We compiled the data that we

21 have so far from the plants in the United States and

22 we've shared that with EPA, these are the trace levels

23 of contamination that have been picked up.

24 CHAIRMAN JACZKO: Good.

25 MR. WEBER: And we plan to have our call

1 sometime today (b)(5) [redacted]
2 discuss who should the repository be for this
3 information, as we work to integrate the collective
4 set of measurements around the United States.
5 [redacted]
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18 CHAIRMAN JACZKO: Okay.
19 MR. WEBER: So we have a draft of that
20 assessment which we're working here in the Op Center,
21 and we are planning to complete that today. And then
22 that will provide a basis for a more informed
23 (b)(5) [redacted]
24 in the day.
25 CHAIRMAN JACZKO: Okay, when you say that

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21 CHAIRMAN JACZKO: Why don't, can you work
22 to set up a call with the Ambassador for me?
23 MR. WEBER: Sure.
24 CHAIRMAN JACZKO: And so I can get a sense
25 of what, if any concerns he has right now and how we

1 can best address those.

2 MR. WEBER: Okay. We'll do that.

3 CHAIRMAN JACZKO: I think right now, de

4 facto, and I appreciate what you're saying.

5 [redacted]

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9 (b)(5)

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14 And maybe I should try and talk to the Ambassador and

15 see what they're looking for.

16 I mean I, you know, my hope was if we got

17 this logistics support team set up, that that would de

18 facto do what they're talking about, and I don't know

19 if that is what they're talking about with Ellis, is

20 to try and have him play the role of leading that

21 team, which I would be very comfortable with.

22 And that gives us a good technical input

23 and I think Ellis would be respectful to NRC, so. But

24 let me see if I can't talk to the Ambassador and

25 figure out what's going on there.

1 MR. WEBER: In a similar vein, we're going
2 to set up that call for you, Chairman.
3 CHAIRMAN JACZKO: Okay, good.
4 MR. WEBER: In a similar vein, we
5 (b)(5) [redacted]
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9 CHAIRMAN JACZKO: Okay.
10 MR. WEBER: So what we're considering on
11 (b)(5) [redacted]
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13 CHAIRMAN JACZKO: Yes.
14 MR. WEBER: So that they're, (b)(5) [redacted]
15 on what was our basis, and how we want to work those
16 issues through the team in Japan.
17 CHAIRMAN JACZKO: Yes.
18 MR. WEBER: It's not that we want to block
19 things, but we want to provide a focused message to
20 our Japanese counterparts, so we're not diverting
21 their attention with 100 different ideas at the same
22 time.
23 CHAIRMAN JACZKO: Yes. Can you also set
24 up a call with (b)(5) [redacted]
25 MR. WEBER: Yes we can. And the last

1 topic I'd raise to your attention is, we did get the
2 NARAC runs back for the so-called worst case.
3 CHAIRMAN JACZKO: Yes.
4 MR. WEBER: And it does confirm that the
5 Protective Action Guidelines are not exceeded in the
6 United States or in U.S. territories.
7 CHAIRMAN JACZKO: Okay, good.
8 MR. WEBER: So it confirms what we've been
9 saying, that we do not expect to see harmful levels of
10 radioactivity in the United States.
11 CHAIRMAN JACZKO: Okay.
12 MR. WEBER: Now that's, they did apply a
13 more reasonable approach with respect to the thyroid
14 exposure for infants.
15 CHAIRMAN JACZKO: Okay.
16 MR. WEBER: And, while the code calculates
17 what the doses would be, they basically expunged those
18 results because you're not feeding cows grass now in
19 Alaska and, you know, all those sorts of things.
20 CHAIRMAN JACZKO: Okay.
21 MR. WEBER: So I think those are the
22 highlights for this morning.
23 CHAIRMAN JACZKO: Okay. Where, do we
24 (b)(5)
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1 MR. WEBER: Well, we have a model that
2 we're prepared to share with the Japanese.
3 CHAIRMAN JACZKO: Okay.
4 MR. WEBER: (b)(5) [redacted]
5 (b)(5) [redacted]
6 CHAIRMAN JACZKO: Okay.
7 MR. WEBER: So I don't know whether the
8 Liaison Team has, Mike has, we'll follow it up,
9 Chairman.
10 CHAIRMAN JACZKO: Okay. I think it would
11 be important to get that out to people as soon as
12 possible.
13 MR. WEBER: Understood. Not the worst
14 case, but the bounding plausible model, right?
15 CHAIRMAN JACZKO: Yes, correct.
16 MR. WEBER: Right. Okay.
17 CHAIRMAN JACZKO: Okay, anything else?
18 MR. WEBER: That's all from here.
19 CHAIRMAN JACZKO: Okay great. Well, let
20 me know if we get those calls set up. Obviously I
21 guess they're close to their evening time.
22 MR. WEBER: Right, it's 8:30 there.
23 CHAIRMAN JACZKO: Yes. And so maybe we
24 (b)(5) [redacted]
25

1 MR. WEBER: Okay.

2 CHAIRMAN JACZKO: Thanks.

3 MR. WEBER: You want to talk to the

4 (b)(5) [redacted]?

5 CHAIRMAN JACZKO: Yes.

6 MR. WEBER: Okay.

7 CHAIRMAN JACZKO: Thank you.

8 MR. WEBER: All right, thank you,

9 Chairman.

10 CHAIRMAN JACZKO: And call my home number.

11 MR. WEBER: For the call?

12 CHAIRMAN JACZKO: Yes.

13 MR. WEBER: Okay.

14 CHAIRMAN JACZKO: If it's in the next,

15 like, ten minutes.

16 MR. WEBER: Will it be in the next ten

17 minutes?

18 MALE PARTICIPANT: (Inaudible.)

19 MR. WEBER: Okay.

20 CHAIRMAN JACZKO: Okay good. Thanks.

21 MR. WEBER: Thank you, sir.

22 CHAIRMAN JACZKO: Bye.

23 MR. WEBER: Bye-bye.

24

25

(CONFERENCE CALL INITIATED)

(0:42:43)

HEADQUARTERS OPERATIONS OFFICER: Mike, this is the Headquarters Ops Officer, I have the Commissioner's Assistant Briefing bridge full, ready for your briefing.

MR. WEBER: Okay.

HEADQUARTERS OPERATIONS OFFICER: Okay, I'll cross-connect and do a roll call.

MALE PARTICIPANT: Okay. Hey Mike?

MALE PARTICIPANT: (Inaudible).

MR. WEBER: Yes, the Chairman's really hot

(b)(5) [redacted]

FEMALE PARTICIPANT: First.

MR. WEBER: First, (b)(5) [redacted]

(b)(5) [redacted]

patch it through to his house, so it gives you an idea of his urgency (inaudible).

OPERATOR: There are currently 25 participants in your conference. The following people are in the conference:

HEADQUARTERS OPERATIONS OFFICER: Joe Hara (phonetic), Headquarters Operations Officer.

1 MR. ROGGE: John Rogge, Region I, RDO.

2 MR. RICH: Dan Rich, Region II.

3 FEMALE PARTICIPANT: Violet (inaudible),

4 NMSS

5 MALE PARTICIPANT: Dr. (inaudible)

6 MR. HARRIS: Brian Harris, OGC.

7 MALE PARTICIPANT: (Inaudible), Chairman's

8 office.

9 MS. BAILEY: Theresa Bailey, NMSS.

10 MR. CASTLEMAN: Jack Castleman,

11 Commissioner Svinicki's office.

12 MR. CAMERON: James Cameron, Region III

13 Duty Officer.

14 MR. ORDERS: Bill Orders, Commissioner

15 Magwood's office.

16 MR. JIMENEZ: Jimenez in EDO's office.

17 MR. HSUEH: Kevin Hsueh, FSME.

18 MS. HOWELL: Linda Howell, Region IV.

19 MR. BATES: Andy Bates, SECI.

20 MR. CHEOK: Mike Cheok, NRR, EO.

21 MR. MARSHALL: Michael Marshall, Chairman

22 Jaczko's office.

23 MS. PETERSON: Kim Peterson (phonetic),

24 Region III.

25 MR. FRANOVICH: Mike Franovich,

1 Commissioner Ostendorff's office.

2 MR. ROTHSCHILD: Trip Rothschild, OGC.

3 MR. SNODDERLY: Mike Snodderly,

4 Commissioner Apostolakis's office.

5 MR. MOORE: Scott Moore, FSME.

6 MS. VIETTI-COOK: Annette Vietti-Cook,

7 Office of the Secretary.

8 OPERATOR: Roster playback is complete.

9 MR. WEBER: Good morning, and welcome to

10 the 7:30 Commissioner Assistants Brief. Thanks for

11 participating with us this morning. This is Mike

12 Weber, I'm the, directing the ET today. And here's

13 what we have for you this morning regarding our

14 continuing response to the nuclear emergency at

15 Fukushima Dai-ichi.

16 NISA had a press conference today in

17 Japan, and they indicated that they are making

18 progress in injecting fresh water now into Unit 1

19 using fire trucks, and seawater injection continues

20 into the other two units, Units 2 and 3. However, the

21 flow rate to the reactor pressure vessel is unknown.

22 We had information yesterday to indicate

23 that the flow rates in Units 1 and 3 were on the order

24 of gallons per minute, and not much better in Unit 2.

25 But there is obviously, some uncertainty with the

1 accuracy of those injection rates.

2 The change for today, we now believe
3 containment integrity is questionable for all three
4 units. We of course, previously reported that was the
5 case for Units 2 and 3, but there is some indication
6 now, talking to our team in Japan that even Unit 1 has
7 questionable integrity.

8 And we reported yesterday that the pump
9 that was being used as part of the RHR cooling for
10 Unit 5, both for the unit, the reactor, and for the
11 spent fuel pools had tripped off when they made the
12 conversion to offsite AC power. They, we understand
13 are continuing to work to install the new pump or the
14 new motor for the pump. So that should be
15 reestablished today. Although, it's getting kind of
16 late now there in Japan. So we'll continue to monitor
17 that reactor and that fuel pool.

18 We understand 480-volt power has been
19 restored for portions of all four units, 1, 2, 3, 4,
20 but there is limited capability to operate the
21 equipment using that power, as we've been reporting
22 throughout the week.

23 We continue to get data from the nuclear
24 power plants in the United States indicating the
25 detection of trace levels of contamination, both in

1 air samples and in rainwater that is collected onsite.

2 We've shared that data with the

3 Environmental Protection Agency and the PMT, the

4 Protective Measures Team, we'll have a call later

5 today to coordinate who will work to provide an

6 integrated assessment of that new information for the

7 United States.

8 We can anticipate that with the detection

9 here in the United States, and with the ongoing

10 contamination in Japan, there would be a heightened

11 interest in the U.S. about the detection of

12 radioactivity from the nuclear emergency in Japan.

13 And just like we did with the Chernobyl

14 response back in 1986, we would want to provide an

15 integrated assessment of the data that we have.

16 Obviously we get information from licensees, the

17 Department of Energy will get monitoring information

18 for its facilities, and then EPA has their

19 environmental rad monitoring that's performed.

20 So the objective here would be to find one

21 agency other than the NRC to do that integrated

22 assessment. NEI has agreed to compile that

23 information and then feed that, but we're in the

24 process of working out how best to handle that

25 information, and to provide that information to the

1 interagency.

2 (b)(5) [redacted]

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5 and other agencies here in the U.S. and counterparts

6 in Japan, on salt accumulation in the pressure

7 vessels.

8 There was concern that we needed to

9 (b)(5) [redacted]

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12 effectiveness of their mitigating measures.

13 And so we're coordinating back with the

14 (b)(5) [redacted] to ensure that we do provide a

15 focused response and interface with our Japanese

16 counterparts. We're also working on an assessment

17 today that grew out of discussions last night with (b)(5) [redacted]

18 (b)(5) [redacted] and the assessment is

19 intended to provide a coordinated assessment that we

20 can provide through our Reactor Safety Team here, of

21 the current status of the plant.

22 And what actions need to be taken to

23 restore cooling, and what contingencies should be in

24 place to exercise in case the first approaches or the

25 first couple of approaches, don't succeed in

1 accomplishing the restoration of cooling. So that's
2 the report for this morning. I'm prepared to take
3 questions, hear comments.
4 TOM: Yes, this is Tom (inaudible).
5 MR. WEBER: Hi Tom.
6 TOM: Hey, the 480-volt power, do you know
7 if their units are 480-volt plants or are they 4160?
8 MR. WEBER: I don't know the answer to
9 that question, Tom.
10 TOM: Okay, all right, thanks. No
11 problem.
12 MR. WEBER: All right
13 MR. FRANOVICH: Mike, this is Mike
14 Franovich.
15 MR. WEBER: Hi Mike.
16 MR. FRANOVICH: Morning. I've got a
17 question for you on these collection of samples that
18 we're getting from the West Coast, and from other
19 sites in the country on the iodine-131. Is there any
20 thought of maybe doing a joint press release with EPA
21 to marry the results together and have a unified
22 agency announcement?
23 MR. WEBER: Yes, that would be part of
24 coordination with the agencies, and we want to make
25 certain that people understand what we are seeing, but

1 not fan the flames of hysteria, that they need to rush
2 out and buy bottled water because they can no longer
3 drink drinking water in the United States, right?
4 MR. FRANOVICH: Exactly. One other thing,
5 don't confuse that there's some ongoing event at their
6 local plant.
7 MR. WEBER: Right, right. (b)(5)
8 (b)(5)
9 It's not just iodine-131, we're also seeing elevated
10 trace quantities of cesium-134 and 137, and the plants
11 are across the country, so it's not just the
12 California plant.
13 We've seen it at Millstone, Kewaunee, Palo
14 Verde, so they're pretty widespread at this point.
15 And it's not unexpected, you know, they saw the same
16 after the releases from Chernobyl back in the mid-
17 '80s.
18 MR. FRANOVICH: Do you know if the --
19 MR. WEBER: Mike, you still there?
20 FEMALE PARTICIPANT: He cut out.
21 MR. WEBER: Mike? He cut out.
22 MALE PARTICIPANT: (Inaudible). Is
23 anybody else up?
24 HEADQUARTERS OPERATIONS OFFICER: This is
25 the Headquarters Ops Officer. For some reason about

1 half the conferees were dropping off of the VIA
2 bridge, so I don't know what happened.
3 MR. WEBER: Okay. Is anybody still on?
4 HEADQUARTERS OPERATIONS OFFICER: There's,
5 looks like about two people.
6 MR. WEBER: Oh wow, the bridge was on.
7 Oh, good.
8 HEADQUARTERS OPERATIONS OFFICER: Well,
9 now a couple more people, it looks like they dialed
10 back in.
11 MR. WEBER: Okay. Well, we'll hang here.
12 HEADQUARTERS OPERATIONS OFFICER: Okay.
13 Looks like it's coming back in.
14 MR. WEBER: Those of you who are rejoining
15 the bridge, apparently we had some telecommunication
16 problem, so thanks for rejoining us. I think, Mike
17 Franovich, have you rejoined us? Okay. Anybody else
18 have a question?
19 TOM: This is Tom again.
20 MR. WEBER: Hi Tom.
21 TOM: Hey, how are you guys doing with
22 this SharePoints, I don't know if they're SharePoint,
23 sites for the TAs and whoever else you're going to put
24 on there to look at their photos?
25 MR. WEBER: It's up and working. There's

a number of photos there, there's the questions and answers that are on the website.

TOM: Okay. Yes, yesterday I went to the Ops Center and I guess some of the high res photos were going to be put on there for people to see the TAs frames, that and he said you guys could accommodate that.

MR. WEBER: Yes, we're on the website, and I'm told that you can access the photos.

TOM: Okay. Could you maybe send links back to the, to have someone send the link back to the Commission TAs then, please?

MR. WEBER: Sure, we can do that.

TOM: Thanks.

MR. WEBER: We can do that at next, the link for the SharePoint site to the TAs. We did also share, (b)(5) [redacted] (b)(5) [redacted] with the other federal agencies.

TOM: Yes, that's what they said they were going to do last night.

MR. WEBER: Right. Well, we did that.

TOM: Okay. Great.

MR. WEBER: I want to confirm that we closed out that. Other questions?

MR. FRANOVICH: Mike, this is Mike

1 Franovich again, sorry, I got dropped off the line.

2 MR. WEBER: Yes, you weren't allowed.

3 Apparently a fair number of your colleagues got

4 dropped off. Sorry about that.

5 MR. FRANOVICH: No problem, it must be a

6 network issue. I just, back on the EPA part, do you

7 know if (b)(5) will be activated in a manner where

8 they are actually posting the survey points, the data

9 in more live time? They do some sort of periodic

10 download of data, but it's on like a very prolonged

11 period. But I haven't heard if whether they were

12 going to do that. I thought the (b)(5) predecessor,

13 I forget the name of the system, was --

14 MR. WEBER: (b)(5) (phonetic).

15 MR. FRANOVICH: Yes, thank you. It was

16 activated after Chernobyl.

17 MR. WEBER: It was. We'll pursue that,

18 Mike, with EPA.

19 MR. FRANOVICH: Great.

20 MR. CASTLEMAN: Mike, this is Pat

21 Castleman.

22 MR. WEBER: Hi Pat.

23 MR. CASTLEMAN: Hi, how are you doing?

24 We, do we have any information on whether or not the

25 Japanese have requested the freshwater barges being

1 offered by the Navy?

2 MR. WEBER: We have MJ shaking her head

3 yes.

4 MS. ROSS-LEE: I got turnover that there

5 were three or four barges on their way, expected to

6 arrive in approximately 36 to 48 hours.

7 MR. CASTLEMAN: Okay, great. Thanks.

8 Next thing is, do we have any update on (b)(5)

9 equipment?

10 MR. WEBER: The last update I had was,

11 it's still sitting at Yokota Air Force Base. The

12 (b)(5) and the

13 last shipment of components was supposed to come in

14 today for the first train. But we'll follow up in the

15 Liaison Team and see if we can get an update on that.

16 MR. CASTLEMAN: Okay, thanks.

17 MR. WEBER: But just for clarity and

18 there's been some confusion on this, you know, we

19 thought that you could get a single train on a single

20 plane. It turns out that it took three flights to

21 deliver the first train.

22 MALE PARTICIPANT: On a C-17.

23 MR. WEBER: On a C-17. So, that's been an

24 evolving story and we're sorry if we previously

25 indicated that you could get a single train on a

1 single plane, but that wasn't the case. And they had
2 to manufacture some of the components that weren't
3 readily available when they started the first
4 shipment.
5 MR. CASTLEMAN: Yes.
6 MR. WEBER: But we are pushing to get that
7 to Japan so that it's available for the Japanese to
8 assist them in cooling.
9 MR. CASTLEMAN: Okay. Great. The Sitrep
10 indicates that AMS flights resumed on the 23rd. Do we
11 have any results back as yet?
12 MR. WEBER: Terry, do we have any --
13 TERRY: Yes, we do and they're not giving
14 us any significant indication of, they're not flights
15 that are within 25 miles, they're more serpentine
16 flights outside of the area.
17 MR. WEBER: So they're broader country?
18 TERRY: They're broader country, and
19 everything is green.
20 MR. WEBER: Everything is green.
21 MR. CASTLEMAN: Okay.
22 MR. WEBER: You realize that data, not the
23 most current data but the previous assessment was
24 posted public.
25 TERRY: Right, that's true.

1 MR. WEBER: That's on the DOE website.

2 MR. CASTLEMAN: Oh it is?

3 MR. WEBER: Yes.

4 MR. CASTLEMAN: Okay.

5 MR. WEBER: Not yesterday's flyovers, but
6 from the previous assessment which occurred, now,
7 several days ago.

8 MR. CASTLEMAN: Okay, that's good to know.
9 Next question is, the Sitrep contains a summary of
10 the revised source term and I was wondering, it says
11 that we're assuming no spent fuel pool fires, and we
12 have core damage in Units 1, 2 and 3.

13 Is this an indication that we think that
14 the risk or probability of spent fuel pool
15 contributing to the source term is reduced, or is it
16 that we're getting heightened concern over the
17 reactors in Units 1, 2 and 3?

18 MR. WEBER: It doesn't reflect an increase
19 in our concern about Reactors 1, 2 and 3. In terms of
20 spent fuel pool fires, I'm not sure what that
21 indicates. I'm reading it too and I don't know what
22 that means. Because of course, spent fuel pools are
23 in integrated space.

24 MALE PARTICIPANT: Oh yes.

25 MR. WEBER: And as best we can tell, there

1 have already been releases from those pools.

2 MR. CASTLEMAN: Yes, that's probably true,

3 as best we can tell, I agree with that. I was just

4 trying to get a sense of that, you know, of what has

5 gone into the thinking in revising the source term.

6 MR. WEBER: Larry, do you know?

7 LARRY: I do not. But, we'll find out,

8 that, we'll run it down.

9 MR. WEBER: Yes, all right.

10 LARRY: Actually a couple of days ago,

11 probably Tuesday, this decision was made, but you're

12 right, I mean, given what we know about what has taken

13 place, the assumption it seems, but we'll try and find

14 out why we got that one.

15 MR. CASTLEMAN: Okay, thanks. And then

16 the next question I have is, the Sitrep talks about,

17 and this has actually been in the Sitrep for a while.

18 It talks about taking a look in an interagency basis

19 (b)(5)

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25 MR. WEBER: Yes.

1 MR. CASTLEMAN: Is this geared towards

2 (b)(5)

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4 MR. WEBER: Well, our primary focus when

5 (b)(5)

6 (b)(5)

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8 MR. CASTLEMAN: Okay.

9 MR. WEBER: So this would support, the

10 interagency discussion would support decisions on

11 whether additional protective actions are appropriate

12 or necessary.

13 MR. CASTLEMAN: Okay.

14 MR. WEBER: There is a push that perhaps

15 (b)(5)

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19 might be appropriate.

20 (b)(5)

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24 (b)(5)

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1 has not been expanded to include all of the Protective
2 Action Guidelines. EPA had that action and was in the
3 process of revising the PAGs when, you know, this
4 emergency occurred.
5 So now what we're seeing is, in a infinite
6 specific context, relooking at the application of the
7 Protective Action Guidelines. And our perspective
8 going into the discussions is that, we have
9 contemplated the situation and that's why we have the
10 Protective Action Guidelines.
11 MR. CASTLEMAN: Right.
12 (b)(5)
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14 MR. CASTLEMAN: Yes.
15 MR. WEBER: That's why we're having the
16 interagency discussion.
17 MR. CASTLEMAN: Yes. Yes, and that's in
18 (b)(5)
19 on. One thing that occurred to me as I was watching
20 the news this morning. They had a piece that said
21 that the Tokyo Government has declared that the crisis
22 is over, and it showed the local governor and one of
23 his assistants drinking a whole glass of tap water to
24 demonstrate safe.
25 Have we thought about our Protective

1 Action Guidance or recommendation, juxtiposed to the
2 Japanese now saying the crisis is over, and what does
3 that do for the credibility of, you know, going either
4 way?
5 MR. WEBER: Yes, well our view is the
6 crisis is not over, and the Protective Action
7 Recommendations, or evacuation out to 50 miles remains
8 a solid recommendation. Obviously, there may be
9 statements in the press from officials for a variety
10 of reasons.
11 It may be that the individual was
12 referring to the crisis with respect to the elevated
13 iodine in the drinking water in Tokyo is over. We
14 have heard reports of runs on bottled water in Tokyo
15 and in Japan. So, at this point we're not changing
16 our recommendations to protect U.S. citizens in Japan.
17 MR. CASTLEMAN: Okay.
18 MR. WEBER: But that's really at the core
19 of this discussion with the interagency.
20 MR. CASTLEMAN: Right, that makes sense.
21 That makes sense. Okay, well anyway, that's something
22 that, you know, I think we're going to keep an eye on
23 that.
24 MR. WEBER: Okay.
25 MR. CASTLEMAN: Okay. And then, let's

1 see, the U.S. last night reported that there had been
2 five radiation fatalities. Do we have any more
3 reports of either fatalities or confirmed radiation
4 sickness?
5 MR. WEBER: I hadn't heard that there's
6 fatalities. We've heard that there's been five
7 individuals that have had a lethal dose. But that
8 doesn't mean that they're no longer with us.
9 MALE PARTICIPANT: We did get alerted last
10 night.
11 (Crosstalk)
12 MALE PARTICIPANT: -- had from Roy.
13 MALE PARTICIPANT: No, I think Roy heard
14 it from me, that I think --
15 MALE PARTICIPANT: They had perished, was
16 the term.
17 MR. WEBER: Oh really?
18 MALE PARTICIPANT: Oh yes.
19 MALE PARTICIPANT: That's what was said in
20 --
21 MR. WEBER: Okay, well that's, I think
22 that's news to me.
23 MALE PARTICIPANT: Yes I think Wyatt
24 (phonetic) said that was not confirmed, though. I
25 mean that was --

1 MALE PARTICIPANT: I, off the news. The
2 news is still reporting, just people with type one.
3 MALE PARTICIPANT: Stage one?
4 MR. WEBER: All right, anything else?
5 Well, thank you very much. Next call is at 20:00.
6 See you later.
7 MALE PARTICIPANT: Great. Thanks Mike.
8 MR. WEBER: Thank you.
9 MALE PARTICIPANT: Okay.
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(CONFERENCE CALL INITIATED)

(1:04:09)

BILL: This is Bill, I'm on the phone with (b)(5) [redacted] Can it hold for five minutes?

FEMALE PARTICIPANT: Well I just wanted to tell you that your answer was, yes, it was included in the Sitrep report, it just had been cut and pasted inside. So all the information's there.

BILL: Oh, it is in there?

FEMALE PARTICIPANT: Yes. In the industry section, they just cut and pasted everything he had said and put it right in.

BILL: All right, great, thanks.

FEMALE PARTICIPANT: All right, thank you.

BILL: Bye.

(b)(5) [redacted]

(1:04:36)

HEADQUARTERS OPERATIONS OFFICER: This is Headquarters Ops Officer. Josh Batkin is coming up on the ET bridge.

MR. DYER: Josh, are you there?

MR. BATKIN: This is Josh. Hello.

MR. CAMPER: Hey Josh, Larry Camper, Jim Dyer, what's up?

MR. BATKIN: Hi, how are you guys?

MR. CAMPER: Okay. MJ just came in. What can we do for you?

MR. BATKIN: I have a message from the Chairman. (b)(5) [redacted]

(b)(5) [redacted]

And they had a good conversation about the need to further discuss and coordinate those issues,

(b)(5) [redacted]

So they had a good conversation about

1 that, and one of the outcomes of that discussion this
2 morning, was that they agreed one way to further
3 increase our coordination was to have some of our
4 folks jump on their daily call, and to have some of
5 their folks jump on our daily call. So the discussion
6 was having Steve Aoki and Dr. Lyons join, I think we
7 have a 10:00 a.m. call that we do?
8 MR. CAMPER: Yes.
9 MR. BATKIN: So we'd like to try to have
10 them join that call starting today. And then, vice
11 versa, they have a call from 5:00 to 6:00 every day,
12 which they brainstorm for an hour about possible
13 things that could help. And they've invited one or
14 two of our folks to be on that call.
15 And what the Secretary is looking for, for
16 that call is some outside-the-box thinkers. People
17 for instance, who could come up with new and creative
18 ways to measure the water levels in the pools. They
19 just think, they brainstorm and kick ideas around.
20 So we were hoping to line up one or two
21 smart, outside-the-box brainstormy-thinker people for
22 the 5 to 6 o'clock daily call that DOE organizes.
23 Does that make sense?
24 MR. CAMPER: We have that, yes.
25 MR. BATKIN: Okay. Yes, I don't know if

1 it's someone from Research, I don't know if it's, you
2 know, somebody like Jennifer or somebody like that
3 but, just whoever you think would be.
4 MR. CAMPER: Okay.
5 MR. BATKIN: Somebody like that who could,
6 you know, who could get on that call and help them
7 brainstorm.
8 MR. CAMPER: Okay, so we have to run the 5
9 o'clock call information to ground.
10 MR. DYER: And do you have a point of
11 contact on that, Josh?
12 MR. BATKIN: No.
13 MR DYER: Okay. (Inaudible).
14 MR. BATKIN: Sorry, I don't know.
15 MR. CAMPER: Yes, like I said, we'll have
16 to run that to ground.
17 MR. BATKIN: Yes.
18 MR. CAMPER: And then, Lyons and Steve
19 Aoki in our 10 o'clock calls.
20 MR. BATKIN: Yes. Any concerns about
21 that? Does that work?
22 MR. CAMPER: Should work, I would think.
23 MR. BATKIN: Okay.
24 MR. CAMPER: We'll have to reach out to
25 them and make sure they know how to make it all come

1 together, yes.

2 MR. BATKIN: Great, okay. I would imagine

3 that they would also be able to, you know, if we're

4 talking to them about the 10 o'clock, I would assume

5 they're involved in the DOE 5 o'clock call too.

6 MR. CAMPER: Yes, we can find out how to -

7 -

8 MR. BATKIN: Yes.

9 MR. CAMPER: -- how to make the contact,

10 okay.

11 MR. BATKIN: I think so.

12 MR. CAMPER: Here's (inaudible), thanks.

13 MR. BATKIN: Okay.

14 MR. CAMPER: All right.

15 MR. BATKIN: Great. Thank you. Let me

16 know if there's any concerns or impediments to that,

17 but appreciate your help.

18 MR. CAMPER: Okay, will do.

19 MR. BATKIN: Thank you.

20 MS. ROSS-LEE: Josh, did you get any

21 (b)(5)

22 This is MJ.

23 MR. BATKIN: Hey, how are you MJ?

24 MS. ROSS-LEE: I'm good, thanks.

25 (b)(5)

you know, there was this discussion about a potential --

MR. CAMPER: (Inaudible)

MR. BATKIN: I'm sorry?

MS. ROSS-LEE: He's talking to somebody else.

MR. BATKIN: Oh, sorry. Discussion about

(b)(5)

discussion is still ongoing. I think the Ambassador was supportive or, you know, is looking for something like that as well.

So they're going to facilitate another

(b)(5)

more feedback, hopefully by noon on what the hope is for that.

MS. ROSS-LEE: Okay. All right, great. Thanks, Josh.

MR. BATKIN: Sure.

HEADQUARTERS OPERATIONS OFFICER: Hey Josh, this is the Headquarters Ops Officer.

MR. BATKIN: Yes.

1 HEADQUARTERS OPERATIONS OFFICER: For the
2 10 o'clock call, does that person need the phone
3 number to call into?
4 MR. BATKIN: Yes, I think somebody there
5 can reach out to Aoki and Lyons, and just kind of help
6 them figure out how to jump on.
7 HEADQUARTERS OPERATIONS OFFICER: Okay.
8 MR. BATKIN: But I think the ET is working
9 on that.
10 HEADQUARTERS OPERATIONS OFFICER: Okay.
11 Well we have a back door set-up on the conference
12 bridges.
13 MR. BATKIN: Great. Okay.
14 HEADQUARTERS OPERATIONS OFFICER: Thank
15 you.
16 MR. BATKIN: Yes, cool. Thanks a lot.
17 Thanks everybody.
18 MS. ROSS-LEE: Thanks, Josh.
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(CONFERENCE CALL INITIATED)

(1:10:15)

HEADQUARTERS OPERATIONS OFFICER: This is the Headquarters Ops Officer, Bill Borchardt is coming up.

MS. ROSS-LEE: Okay.

MR. BORCHARDT: Hi, this is Bill Borchardt. Is Mike Weber there?

MS. ROSS-LEE: He just stepped out to the RST, Bill, this is MJ.

MR. BORCHARDT: Okay. Hey MJ, (b)(5) (b)(5) had sent to us a one-page or less description of what the Consortium was up to.

MS. ROSS-LEE: Okay, we just sent to him a summary of the Consortium's call yesterday.

MR. BORCHARDT: Yes. No, this was, right. This was something that we were going to include I thought, in the status report that we put out twice a day.

MALE PARTICIPANT: Right. We were waiting for input (b)(5) include, right?

1 MR. BORCHARDT: Yes, but we got that.

2 MALE PARTICIPANT: We did?

3 MR. BORCHARDT: Last night.

4 MALE PARTICIPANT: I haven't seen it Bill.

5 MR. BORCHARDT: Okay, so, I think they had

6 given (b)(5) let's see if I can find the --

7 MALE PARTICIPANT: Are you aware of this?

8 MALE PARTICIPANT: No.

9 MALE PARTICIPANT: We're all ears, Bill.

10 MR. BORCHARDT: Okay, I'm looking, yes,

11 they gave him the (b)(5) address?

12 MALE PARTICIPANT: Okay.

13 MR. BORCHARDT: And he sent that to them

14 at 6:52 last night.

15 MALE PARTICIPANT: Okay, we'll track it

16 down.

17 MR. BORCHARDT: Yes but, you know, I guess

18 somehow it dropped through the crack because we didn't

19 get it in the report.

20 MALE PARTICIPANT: All right.

21 MR. BORCHARDT: Just make sure we get it

22 in the next one.

23 MALE PARTICIPANT: Will do.

24 MR. BORCHARDT: Thanks.

25 MALE PARTICIPANT: All right.

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5 (CONFERENCE CALL INITIATED)
6 (1:12:40)
7 HEADQUARTERS OPERATIONS OFFICER: This is
8 the Headquarters Ops Officer. Chuck Casto is coming
9 up on the bridge.
10 MALE PARTICIPANT: Chuck?
11 MALE PARTICIPANT: Mr. Chuck?
12 MR. CASTO: Hey (inaudible).
13 MR. WEBER: Hey, Chuck, how are you?
14 MR. CASTO: All right. How are you doing,
15 Mr. Weber?
16 MR. WEBER: This is Mike Weber, Larry
17 Campber, Jim Dyer, MJ Ross-Lee.
18 MR. CASTO: Well we had another, you know,
19 every day is like you think this is the, gotta be the,
20 you know, the most active or interesting day of my
21 life, until the next day.
22 MR. WEBER: You could (inaudible) like
23 that Chuck.
24 MR. CASTO: Yes, every day is just a
25 completely different experience. You guys probably

1 heard a few things. (b)(5) [redacted]

2 (b)(5) [redacted]

3 Ambassador I think, or is going to talk to the

4 Ambassador today.

5 MR. WEBER: He did speak to the

6 Ambassador.

7 MR. CASTO: Yes.

8 MR. WEBER: They will probably have a

9 follow-up conversation yet tonight with the

10 Ambassador.

11 MR. CASTO: Okay. I don't know what

12 that's all, well I do know what it's all about, but I

13 don't know what the outcome of all that will be.

14 MR. WEBER: Yes, well I'll tell you what

15 we know from our end, what we think it's about. [redacted]

16 (b)(5)

17

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19 MR. CASTO: I think it's probably a little

20 bit more than that.

21 MR. WEBER: Well, I'm being general.

22 MR. CASTO: [redacted]

23 (b)(5)

24

25

1 (b)(5)

2 MR. WEBER: You got it right.

3 MR. CASTO: So it's always helpful to have

4 friends in different places.

5 MR. WEBER: Yes.

6 MR. CASTO:

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9 (b)(5)

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12 MR. WEBER: Yes.

13 MR. CASTO: So --

14 MALE PARTICIPANT: A strategy and an

15 agenda.

16 MR. CASTO: Yes. So in the end, you just

17 try to do what you think is right.

18 MR. WEBER: That's all we can ask.

19 MR. CASTO: Yes. Nevertheless, you know,

20 I had a two and a half hour meeting with Admiral

21 Willard, Admiral Walsh and General Fields, I don't

22 know if you guys got a debrief on that or not.

23 MR. WEBER: Eleven stars in the room.

24 MR. CASTO: Eleven stars and an

25 Ambassador.

1 MR. WEBER: Yes.

2 MR. CASTO: That was an exciting two and a

3 half hours, let me tell you. That's one like you'll

4 never have.

5 MR. WEBER: Okay.

6 MR. CASTO: You know.

7 MR. WEBER: Any, outcome --

8 MR. CASTO: Yes, you know, I think that

9 prompted some of the, you know, the Chairman's call

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17 (b)(5)

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1 [redacted]
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14 And then later on I had more
15 meetings with the Ambassador and other officials, and
16 then we had the Cabinet meeting at 8 o'clock tonight.
17 MR. WEBER: Right.
18 MR. CASTO: And I don't know if you've
19 had, if anybody feed that back to you yet or not.
20 MR. WEBER: Not yet, you're the first.
21 MR. CASTO: They want all the KI, that
22 million doses of KI, they want that.
23 MR. WEBER: Okay.
24 MR. CASTO: So somebody's working on that
25 project, getting that KI. They want massive amounts

of bottled water.

MR. WEBER: Okay.

MR. CASTO: Let me get my list. All the, I mean, they accepted all the radiation monitoring equipment from DOE. A lot of the DOE stuff, all of the measuring equipment. They also want to share protective measures data. That's the first we'd heard of that. We'd been providing them AMS, but now they want to, they're system's called SPEEDI.

MR. WEBER: Right.

MR. CASTO: And they want to integrate SPEEDI with RASCAL and our systems and get a, and in fact the Admiral, Admiral Willard had talked about that today. He thought we should do that and they brought it up tonight and said, you know, we definitely want to do that.

So he has a working group of three of the ministries, and then we'll team that up with DOE, NRC and others I guess, NR, Naval Reactors. They wanted

(b)(5)

controlled equipment, more measurement systems and ground survey equipment.

MR. WEBER: Who is acting on all these

1 requests, Chuck, is the Embassy taking these, or is
2 AID?
3 MR. CASTO: No, DOE is. Most of the, you
4 know, (b)(5) [redacted]
5 (b)(5) [redacted]
6 vehicles. So we're actually going to generate a list.
7 They're going to provide us a list tomorrow night at
8 the Cabinet meeting --
9 MR. WEBER: Okay.
10 MR. CASTO: -- of all the specific
11 equipment. We've already set up a spreadsheet, then
12 we'll populate their list into our spreadsheet, and
13 then we'll be able to track, you know, who asked for
14 what and when was it delivered.
15 MR. WEBER: Okay.
16 MR. CASTO: So then I guess the two
17 biggest things of tonight, (b)(5) [redacted]
18 (b)(5) [redacted] I made a statement on reactor safety
19 and, you know, that the salt issue was important, but
20 they still have reactors that are, you know, the
21 current reactor condition is unstable.
22 MR. WEBER: Yes.
23 MR. CASTO: And containment, with
24 containment failures, and actually I put it all, you
25 know, I told them that we understand that we cannot

move fast enough to help you or we can, you know, or to do more to help you.

[redacted] (b)(5) I just said, you know I understand, under those conditions with the reactors and containment, we can't do enough fast enough or do enough to help you. So we're working hard to help you. The industry, Al Hochevar was there tonight.

MR. WEBER: Good.

MR. CASTO: So I introduced him. I said, you know, American entry, making their way in here. And so, then also they, I guess they officially accepted the pumping system.

MR. WEBER: Oh, well that's good.

MR. CASTO: (b)(5) [redacted] (b)(5) And all that work. Bill Cook, man, that guy's a hero. Let me tell you, you can't praise that guy

1 enough for what he's done over here.

2 MR. WEBER: Who's that, Bill Cook?

3 MR. CASTO: Yes, Bill Cook. Let me tell

4 you that guy, that guy is an absolute hero. He's a

5 great American. His ability to work with people in,

6 you know, stressful situations, and he ought to be a

7 salesman, man, he could definitely sell ice cubes to

8 Eskimos. And he does a wonderful job.

9 MR. WEBER: Thanks.

10 MR. CASTO: And it looks like after all

11 that, you know, consternation about that pumping

12 system, they're actually going to use it. They got

13 the, I don't know if you're aware of the original

14 water line that they had been working on?

15 MR. WEBER: For that, down from the

16 reservoir?

17 MR. CASTO: Yes, down from the reservoir

18 and, you know, that was going to be their fresh water

19 source and --

20 MR. WEBER: Right.

21 MR. CASTO: -- they told us tonight that

22 thing doesn't have the capacity to do what they need

23 to do with it.

24 MR. WEBER: Okay, I got you.

25 MR. CASTO: So, you know, we're not sure

1 why they were working on it. And so I think once
2 they'd determined that that source is not going to
3 make it, then they accepted the water barges and the
4 pump, the Australian, I'd call them the Japan-Team
5 pumps. But we got a bunch of guys on our team that,
6 you know, they've laid out the conceptual design.
7 MR. WEBER: Yes.
8 MR. CASTO: (b)(5) [redacted]
9 design.
10 MR. WEBER: So they requested the system,
11 has it moved from Yokota, or is it, will it?
12 MR. CASTO: It will move tomorrow
13 afternoon. TEPCO is sending their engineers down
14 tomorrow at 10:00 to go through it. They're going to
15 practice with it in the hangar down at Yokota.
16 MR. WEBER: Okay.
17 MR. CASTO: Then as soon as they get done
18 training they have eight tractor trailer, SDF, Self
19 Defense Forces have eight tractor trailers lined up to
20 rack it up on the trailer and haul it up to the site.
21 MR. WEBER: Okay. Good.
22 MR. CASTO: So, you know, it looks like
23 that equipment will finally be making it's way up
24 tomorrow night, probably.
25 MR. WEBER: Thank goodness.

1 MR. CASTO: Yes. Yes, that's, you know.
2 And that thing's a beast.
3 MR. WEBER: Yes, it looks like it from the
4 photos.
5 MR. CASTO: Yes.
6 MR. WEBER: How about the barges from the
7 Navy, are they also en route?
8 MR. CASTO: Boy, that's a long story.
9 They're in some kind of process but I'm not exactly
10 sure. They had to do some flushing on one of the
11 barges. One of the barges, it was contaminated so
12 they had to flush it.
13 They're 350,000 gallons each, so they had
14 to flush, one of the barges was contaminated and
15 they're looking for, I think it's called Peacekeeper.
16 It's the only ocean-going tug that the Navy has.
17 So the Admiral tonight was on the phone
18 during the meeting to get that thing, it was out on
19 another mission, I can't remember what it was doing.
20 They were turning it around to head down to get the
21 barges.
22 They told me that, I think it's 22 hours
23 or something like that, they can have the barges up to
24 the harbor, up to the site. But then they have to get
25 a harbor barge to pull them into the site. And

1 they're worried about draft because of the damage from
2 the tsunami.
3 MR. WEBER: Yes?
4 MR. CASTO: And then they gave us a list
5 of equipment that had been washed away during the
6 tsunami, and they were looking at that equipment to
7 see, you know, some of that might be in the harbor.
8 So tomorrow morning the Navy is going in with some
9 kind of ship with a depth finder, and they're going to
10 characterize the bottom of the harbor.
11 MR. WEBER: Okay.
12 MR. CASTO: The dock area.
13 MR. WEBER: They're making arrangements
14 for access?
15 MR. CASTO: Yes. So they're going to
16 survey the bottom of the bay to see if they can get
17 the barges in there. But I, you know, Admiral Rowden
18 now, he'll carry that thing in on his back.
19 MR. WEBER: Yes.
20 MR. CASTO: If he has to, you know. So
21 it'll get in there, he'll figure out a way to get it
22 in there. That guy, you know, he's intense.
23 MR. WEBER: So that would be their source
24 of fresh water, they would pump down their condensate
25 storage tanks and then they would go to these barges?

1 MR. CASTO: Yes, they would go to the
2 barges. The barges would be the fresh water.
3 MR. WEBER: All right.
4 MR. CASTO: And then the pumping, so then,
5 you know, they'll lay down the pumping system and then
6 they would inject, you know, high volume water into
7 the reactors.
8 MR. WEBER: All right. Anything else on
9 the Cabinet meeting?
10 MR. CASTO: No, I think that was, I made a
11 press statement that was, you know, the press filmed
12 us going in and out of the building, and they asked me
13 to say something to the press.
14 You know, they wanted to out the NRC, they
15 wanted the Japanese people to realize that the U.S.
16 was helping them so they mentioned that last night,
17 they said they were going to invite the press tonight.
18 So I just, you know, I tried not to fumble all over
19 myself but I probably did anyhow.
20 MR. WEBER: Was the press there?
21 MR. CASTO: What's that?
22 MR. WEBER: Was the press there?
23 MR. CASTO: Oh yes, they were there. They
24 filmed, you know, they filmed us going into the
25 building in the vans and then, you know, on the way

1 out I went over to the reporters and gave a statement
2 and, you know, tried not to stammer too much.
3 MR. WEBER: Yes, okay, good job.
4 MR. CASTO: But basically the message was,
5 you know, that it's their strategies and we're here to
6 help. So every question that was asked, I pretty much
7 just gave the same answer.
8 MR. WEBER: Well put.
9 MR. CASTO: They've devised strategies and
10 we're here to help them with their, implement their
11 strategies.
12 MR. WEBER: Good message.
13 MR. CASTO: So, you know, that was the
14 best I could do. I'm just not a good.
15 MR. WEBER: Did the NISA representatives
16 get interviewed?
17 MR. CASTO: No. As far as I know, I don't
18 know, Mike. They didn't when I was there.
19 MR. WEBER: Okay.
20 MR. CASTO: But, you know, as far as I
21 know, I was the only one that spoke to the press.
22 MR. WEBER: Okay.
23 MALE PARTICIPANT: But you were the novel
24 foreigner, right?
25 MR. CASTO: Yes. Well, you know, like I

said the other night, you know, when they need a pretty face, I'm just the guy they call on, so.

MR. WEBER: Hot dog.

MR. CASTO: Yes, it's a burden.

MR. WEBER: Anything else going on there that we should be aware of?

MR. CASTO: Let me think.

MR. WEBER: Are there any, are they thinking about next steps in case Plan A doesn't work?

MR. CASTO: [redacted] (b)(5) --

MR. WEBER: Right.

MR. CASTO: -- you know, in the event something bad happens. That we were doing contingency planning and, you know, we'd be happy to share that with them, should there a problem occur.

So we tried to, you know, I told them that the salt was important and fresh water was important, but the reactors are still of concern. It's over the spent fuel pool, oh, the other thing they asked for was, they asked for advice on removing spent fuel from the buildings.

And we'd heard this before from the

1 Chairman of TEPCO that they want to reduce the source
2 term, you know, reduce the radiation levels at the
3 site. But the first, tonight was the first night they
4 said they wanted to move fuel out, off the site.
5 MR. WEBER: Wow.
6 MR. CASTO: So, that's a big project,
7 obviously.
8 MR. WEBER: There's an awful lot of rubble
9 on top of those spent fuel pools.
10 MR. CASTO: Yes, somehow they got to get
11 the rubble off and then they have to, you know, figure
12 out a way to unload those spent fuel pools.
13 MR. WEBER: Yes. That's going to be a
14 challenge.
15 MR. CASTO: They're going to have put a
16 giant (inaudible) in somewhere I guess but, you know,
17 typically, I don't know what they're going to do with
18 that hot fuel but we'll see.
19 MR. WEBER: Brian's here, he's looking for
20 work to do.
21 MR. CASTO: Yes, there you go.
22 MR. HOLIAN: Outside of the nuclear
23 business.
24 MR. CASTO: Yes.
25 MR. BORCHARDT: This is Bill Borchardt.

1 MR. WEBER: Hi Bill.

2 MR. BORCHARDT: Hi Chuck, how are you

3 doing.

4 MR. CASTO: Oh great, Bill.

5 MR. BORCHARDT: Yes, I've been listening

6 to some of your conversation. Thanks for all the work

7 that you're doing. I just wanted to, while you're on

8 the phone, this is mostly for the Ops Center, but I

9 just got off the phone with the Chairman.

10 He'd talked to the Ambassador and also to

11 (b)(5)

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15

16 clear on that one particular topic.

17 MR. WEBER: But Bill, on that point, I

18 mean, we are engaging, all of us with our Japanese

19 counterparts to work this salt issue, right?

20 MR. BORCHARDT: Oh yes. That's, it was

21 (b)(5)

22

23 MR. WEBER: Right.

24 MR. BORCHARDT: And so it's kind of gotten

25 back into the right level of discussion.

1 MR. WEBER: Okay.

2 MR. BORCHARDT: One of the things that

3 came out (b)(5) [redacted]

4 though, was that from 5 to 6 o'clock every afternoon

5 DOE has what they call, they're calling a

6 brainstorming session with the Secretary.

7 MR. WEBER: Right. We will participate on

8 that call.

9 MR. BORCHARDT: Okay, good.

10 MR. WEBER: Out of box thinkers.

11 MR. BORCHARDT: Yes, yes and, you know,

12 it's mostly a DOE show, so who's doing that for us?

13 MR. WEBER: We have to assign that. We

14 haven't sorted that out yet.

15 MR. BORCHARDT: Okay. You know, I was was

16 thinking that given the clear direction on what the

17 purpose of that meeting is, if the Reactor Safety Team

18 Director was, if that was an okay time period, that

19 that might be a reasonable position to have to do

20 that.

21 MR. WEBER: Fred, how does that square

22 with your daily schedule? Would that work, or would

23 it be better for somebody outside of here to

24 participate in it, provide the feedback here, back to

25 the center?

1 MR. BROWN: I think the latter would be
2 optimal, rather than having the RST Director do it but
3 we can talk about it.
4 MR. WEBER: Yes, let us work that, Bill,
5 and --
6 MR. BORCHARDT: Okay.
7 MR. WEBER: -- we'll come back with a
8 proposal for how we can best support that.
9 MR. BORCHARDT: That's fine. Either way.
10 MR. WEBER: You know how it is in that
11 center, sometimes you're sitting around looking for
12 stuff to do, and the next time --
13 MR. BROWN: It's crazy.
14 MR. WEBER: You're very busy.
15 MR. BORCHARDT: Yes. The other thing that
16 came out is that DOE is going to participate in the
17 Consortium call.
18 MR. WEBER: Right.
19 MR. BORCHARDT: Right.
20 MR. WEBER: Which is going on right now.
21 MR. BORCHARDT: Okay, good.
22 MR. WEBER: Mike Cheok is leading it for
23 us.
24 MR. BORCHARDT: All right. And that's all
25 I had from the Chairman conversation. We talked a

1 little bit about the longer term planning, but I think
2 we're still on a hold for those for another 12 hours
3 at least.
4 MR. WEBER: About leadership for the
5 Consortium?
6 MR. BORCHARDT: Well, yes, I mean there's
7 that piece and then, you know, things about the size
8 of the NRC team in Japan.
9 MR. WEBER: Oh, okay.
10 MR. BORCHARDT: You know, how we make a
11 transition, and if the Consortium leadership expands
12 and goes up a level or two the way, there's some
13 discussion about, that might be a opportune, or be the
14 right sequence for us to, you know, reduce the size of
15 our team in Japan and begin a transition.
16 MR. CASTO: Bill, this is Casto. You know
17 to sort of give you another data point, TEPCO offered
18 tonight a, five chairs or five, room for five people
19 in the TEPCO EOF.
20 MR. BORCHARDT: Well, for anybody? Like
21 for the INPO rep, or are they specifically for NRC?
22 MR. CASTO: Well, they offered it to us,
23 and we took it because we wanted to grab the five, you
24 know, room but our thinking is that eventually that
25 this Consortium would take over those seats.

MR. BORCHARDT: Yes, okay, good.

MR. WEBER: And that's at the TEPCO EOF, right?

MR. CASTO: Yes, that's in the TEPCO EOF.

(b)(5) [redacted]

we may have to fill those seats with us for now, because they wanted it tomorrow morning. They said, can you come over tomorrow morning?

So we're going over at 11 o'clock tomorrow morning, but we figure we'd hold those seats until the Consortium had people that could fill it. I talked to Al Hochevar about that tonight.

MR. WEBER: Right.

MR. CASTO: I said, you know, I said, hey it looks to me like that's a great place for you guys,

(b)(5) [redacted]

MR. WEBER: Right.

MR. CASTO: You should get people wound up to, you know, or to at least discuss amongst all that Consortium people, you know, staffing that with industry people.

MR. WEBER: So what was Al's take on that?

MR. CASTO: Oh, he thought that was a good idea.

1 MR. WEBER: Great. So he's going along
2 over with you tomorrow morning?
3 MR. CASTO: Likely so, yes, he'll go with
4 us.
5 MR. WEBER: Great. Great. Is he having
6 any trouble with access to anything?
7 MR. CASTO: Not really, we have to escort
8 him in the Embassy, but other than that. We didn't,
9 you know, we didn't make a big deal of it tonight in
10 the Cabinet building. And we're just such a big group
11 and they let everybody in because they're all Embassy
12 cars and people.
13 MR. WEBER: yes.
14 MR. CASTO: You know, but we did introduce
15 him to make sure they knew he was there, non-
16 government, you know, an NGO.
17 MR. WEBER: Well, that's very impressive
18 access.
19 MR. CASTO: Yes, that was great.
20 MR. WEBER: Took him right to the Cabinet.
21 MR. CASTO: Right.
22 MR. WEBER: What else do you need from us?
23 MR. CASTO: That's it.
24 MR. WEBER: Do you want us to get working
25 on this question of how do you get spent fuel off?

1 MR. CASTO: I really don't think so Mike.
2 I think, you know, DOE was there, and after the
3 meeting they came up and said, (b)(5) [redacted]
4 (b)(5) [redacted]
5
6 what they do. So, you know, I think that's probably,
7 I also gave that question to Al Hochevar, I said why
8 don't you guys figure out what you can do about that?
9 The other thing I gave to Al was, they
10 were looking for means to remotely determine spent
11 fuel pool level and temperature. Now we know DOD and
12 DOE are providing them robots to do that with but what
13 they were looking for was not just, you know, one time
14 levels, but they want to install some kind of system
15 that would be able to give them continuous spent fuel
16 pool level and temperature indication.
17 MR. WEBER: Okay. Fred advised us that
18 INPO and DOE are already rolling on the spent fuel
19 issue.
20 MR. BROWN: Yes, Chuck, in my discussion
21 this morning with INPO, INPO took three action items
22 out of the meeting that you're discussing. Gamma
23 spectrometry list, there of course, INPO's
24 coordinating closely with DOE.
25 The remote water measurement issue, and

1 technology for removing damaged spent fuel from the
2 pool. So INPO's got it and then we've told DOE, the
3 embedded person and we're getting them linked up.
4 MR. CASTO: Great. I think ultimately,
5 probably what's going to happen is that the, I don't
6 know how this works, but INPO and then the Consortium
7 would probably take over the Cabinet meeting, and I'm
8 sure NRC would be there.
9 But in the end I think you're going to
10 probably see that group being the lead for that
11 meeting. You know, right now I lead that meeting for
12 us, and I can see down the road where they would lead
13 it.
14 MR. WEBER: Is NISA at that meeting Chuck?
15 MR. CASTO: Yes, they're there.
16 MR. WEBER: Good.
17 MR. CASTO: Everybody, all the ministries
18 are there and then the Cabinet.
19 MR. WEBER: Okay, good.
20 MR. CASTO: And then the Prime Minister's
21 personal rep.
22 MR. WEBER: All right. Well, that's
23 impressive.
24 MR. CASTO: Yes, it's a big, it's
25 definitely the power players of the government.

1 MR. WEBER: Looks like you're getting
2 attention.
3 MR. CASTO: Oh, yes. But anyhow, I'll let
4 you all go, and have a good rest of the day.
5 MR. WEBER: Well, you do too, and is Rick
6 Kenneally still the after-hours contact for us?
7 MR. CASTO: Yes, his last, this is his
8 last shift. So call and wake him, well call and wake
9 him up there some time in the middle of the night,
10 will you?
11 MR. WEBER: Well he's awake on the BAG
12 (phonetic) shift because he's --
13 MR. CASTO: I know. Hey, he's done a
14 yeoman's job, he's done tremendous work for us on the
15 night shift putting things together and analyzing the
16 time line, the sequence of events, all that stuff.
17 He's done a lot of work for us. He flies out at 8
18 o'clock in the morning, though.
19 MR. WEBER: Okay. Who's taking his place?
20 MR. CASTO: I don't remember who's taking,
21 you know, I can't remember who's taking each place,
22 but --
23 MR. WEBER: All right.
24 MR. CASTO: -- somebody's got his job.
25 And we're changing that shift, too. We're changing

1 that shift from noon to midnight, and midnight to noon
2 so we can have a better, the midnight shift guy, if he
3 started at 10 or 11 o'clock at night, he had no idea
4 what happened all day. So, we got to change that to
5 noon to midnight.
6 MR. WEBER: Okay. All right. Bill,
7 you'll let us know who to contact then after his
8 shift, right?
9 MR. CASTO: Yes, I, we'll find out who's
10 going to work the night shift. I'm sure there'll be a
11 lot of people raising their hand to work that night
12 shift.
13 MR. WEBER: Yes. All right.
14 MR. CASTO: All right guys. Talk to you
15 soon.
16 MR. WEBER: Thanks. Have a good one
17 Chuck.
18 MR. CASTO: Yes, talk to you soon.
19 MR. WEBER: Have a good rest.
20 MR. CASTO: Yes. Bye.
21 MR. WEBER: Bye-bye. All right.
22 MR. BORCHARDT: Sounds like a lot
23 progress.
24 MR. WEBER: Bill, are you still on?
25 MR. BORCHARDT: Yes.

1 MR. WEBER: Okay.

2 MALE PARTICIPANT: (Inaudible)

3 MR. WEBER: Yes. That's good. I'm going

4 to go on the Consortium call.

5 MS. ROSS-LEE: Do you have anything else

6 for us here, Bill?

7 MR. BORCHARDT: No, were you in on the

8 whole Chuck conversation?

9 MS. ROSS-LEE: Yes, basically.

10 MR. BORCHARDT: All right. So I was on a

11 call with (b)(5) and then with the Chairman, so

12 I missed the beginning. Can you give me a Reader's

13 Digest version of what Chuck briefed us on?

14 MS. ROSS-LEE: Yes, what I took note on

15 was, it was about a two and a half hour meeting with

16 Willard and then, I don't know, they quoted a total of

17 eleven stars were there and the Ambassador. They did

18 start talking a little bit about whether they were

19 going to come up with a strategy for each unit.

20 Out of the Cabinet meeting there was also

21 a list of things that they will take, like the million

22 doses of KI, some bottled water, all that monitoring

23 equipment from DOE. They did agree that they're going

24 to try to work at a way to share protective measures

25 data.

1 They have a system over there called
2 SPEEDI and trying to figure out, I guess, a way to
3 make, to back up SPEEDI and RASCAL, to look at all of
4 the data that's available. (b)(5) [redacted]
5 (b)(5) [redacted]
6
7 And they're going to actually I guess,
8 have a list at, what would be the 25th, so tomorrow
9 their time Cabinet meeting. So they're going to come
10 up with a list and who's going to supply it so it can
11 be tracked. He did just mention that Al Hoshevar from
12 INPO was there now. Did you hear that they've
13 officially accepted the pumping system?
14 MR. BORCHARDT: No, I hadn't heard that.
15 Good, thank you.
16 MS. ROSS-LEE: Okay, that came out. Yes,
17 they've officially accepted the pumping system and the
18 barges, which are en route. I guess some parts of
19 Japan are doing some checking just to make sure that,
20 like the barges can get up into the harbor because
21 there was some harbor damage, you know, from the
22 tsunami and stuff?
23 MR. BORCHARDT: Yes.
24 MS. ROSS-LEE: So they're doing everything
25 they need to, but yes they will take the barges when

1 they get there. They're going to do some training on
2 this pumping system and then load it up and move it
3 out.
4 MR. BORCHARDT: Not bad.
5 MS. ROSS-LEE: A little bit of contingency
6 planning going on, nothing specific on that. And then
7 I think you just heard Fred say that INPO did take an
8 action to look at, for instance, how to remove spent
9 fuel from the buildings. I guess they're looking at
10 getting that off, out of the buildings, facilitating
11 how to do that.
12 And the last thing, it continues, I'm not
13 sure when you tied in on the call, that they had made
14 room for five people at TEPCO EOF, and so tomorrow
15 morning Chuck and maybe Al, and that we're going to
16 take those five slots, the thought is get them filled
17 now, but that those would eventually turn all over to
18 members of the industry group Consortium.
19 MR. BORCHARDT: Okay.
20 MS. ROSS-LEE: And I think that's all that
21 I got.
22 MR. BORCHARDT: All right. Thanks.
23 MS. ROSS-LEE: You bet.
24 MR. BORCHARDT: All right.
25

(CONFERENCE CALL INITIATED)

(1:45:25)

MR. WEBER: Brian?

DR. SHERON Hello.

MR. WEBER: Hey, how are you? Mike Weber in the ET here.

DR. SHERON What can I do you for?

MR. WEBER: Well, you may be aware from your prior involvement (b)(5) that they're having a daily call now from, I think it's 5:00 to 6:00?

FEMALE PARTICIPANT: Yes.

DR. SHERON: Yes, I think today it's at 6:00.

MR. WEBER: It ends at 6:00?

DR. SHERON: No, no. It starts at 6:00 today.

MR. WEBER: It starts at 6:00 today?

DR. SHERON: Yes, I think tomorrow it's at 5:00, I can't remember.

MR. WEBER: Well, we've been asked to

1 provide the Chairman, (b)(5) [redacted]

2 (b)(5) [redacted] to participate with having two people

3 on that daily call.

4 DR. SHERON Two people?

5 MR. WEBER: Two. And they need to be out-

6 of-the-box thinkers. So we've discussed that here,

7 and I should say that they're also planning to

8 participate more actively in our daily call that we

9 convene here in the Ops Center on the Consortium.

10 DR. SHERON Okay.

11 MR. WEBER: So this is intended to get us

12 better lashed up so that we speak with one voice,

13 [redacted]

14 (b)(5)

15 [redacted] We discussed options for supporting the

16 daily call, having somebody here in the RST do that,

17 or having somebody in Research do that.

18 DR. SHERON Well, I was on the call, up

19 until yesterday, because the call yesterday was

20 originally would have been scheduled at the same time

21 I was on the hook to do the Congressional Briefs.

22 MR. WEBER: Oh, I see.

23 DR. SHERON And so I had Richard Lee take

24 the call yesterday.

25 MR. WEBER: Okay.

1 DR. SHERON All right, and I was thinking
2 I can, I think I can do it today because the, I've got
3 to do the Congressional call today and tomorrow, but
4 they've moved these calls with this Science Group or
5 whatever to later in the day, so I can probably do
6 them.
7 MR. WEBER: Okay.
8 DR. SHERON The weekend may be a problem
9 because I'm going to be in the Response Center. I got
10 ET duty and the question is, you know, I think they're
11 going to hold them over the weekend, I just don't know
12 what time yet.
13 MR. WEBER: Yes, well, I'm not asking you
14 personally to do it. If you can do it --
15 DR. SHERON Yes.
16 MR. WEBER: -- that's great, but if, what
17 I am asking is if Research can support those calls?
18 DR. SHERON Yes, we can certainly have
19 somebody on the phone to support the calls, it's
20 usually worthwhile though, to have continuity because,
21 you know, these guys, they've been fooling around with
22 the same stuff.
23 And I'll be quite honest with you, I mean,
24 you know, it's nice to use the term thinking outside
25 the box, but if some of the stuff they're working on,

I mean --

MR. WEBER: Doesn't float.

DR. SHERON It's a waste of time.

MR. WEBER: Yes.

DR. SHERON In my mind, I mean, you know, a lot of these guys on this Science Group, you know, have probably never set foot in a nuclear reactor.

MR. WEBER: Oh, wow.

DR. SHERON And they're all, they're

(b)(5)

You know, the guy's got the Presidential Medal of Honor and all this crap, and he's sitting there talking about using muons, some muon technology to measure the, he wants to measure the depth of the water in the spent fuel pools.

And I sent an email to John Kelly and I said, hey, I said, is this really our first priority? I said, you know, leave this Pool 4, if not.

MR. WEBER: I understand.

DR. SHERON: I mean, he is --

MR. WEBER: Yes, yes, but --

DR. SHERON You know, I mean he wants to put bubbler pipes in there, and I'm saying the pools

1 are covered with debris.

2 MR. WEBER: Yes.

3 DR. SHERON So I'm just saying, there's a

4 lot of this stuff these guys are spending time, you

5 (b)(5) [redacted] t.

6 MR. WEBER: Yes.

7 DR. SHERON And I'm not going to sit there

8 (b)(5) [redacted]

9

10 MR. WEBER: Yes. But, Brian it might be

11 helpful to share with them those photos that we have

12 of the plant, so they understand what they're dealing

13 with.

14 DR. SHERON Yes.

15 MR. WEBER: Right, current conditions.

16 DR. SHERON Although I don't have those.

17 I mean, can you send them over?

18 MR. WEBER: They are on the website that

19 you should have access to. They're on the SharePoint

20 website.

21 DR. SHERON Okay. All right, I'll find it

22 then.

23 MR. WEBER: So I think that would be very

24 beneficial for you, especially that picture of Unit 3

25 or Unit 4, and then, Research can support that?

1 DR. SHERON Yes. It's either I'll be on
2 the call or I'll have one of my staff on it. Richard
3 Lee's been the one that's been on it right now, he's a
4 Branch Chief.
5 MR. WEBER: Well, let's have two people on
6 it, if we could.
7 DR. SHERON All right. I can probably --
8 MR. WEBER: Maybe Richard could provide
9 the continuity.
10 DR. SHERON Okay.
11 MR. WEBER: And then, what I would ask
12 that you do is get connected with the RST before the
13 call, either you or Richard, so you have the latest
14 status.
15 DR. SHERON Okay.
16 MR. WEBER: Right? What we're working on,
17 whether we have any significant insight. You should
18 have the RST's assessment of the current condition.
19 We saw that it was developed over the last day or so,
20 and they're having a conference call now with INPO and
21 various industry reps to kind of ground-truth that
22 assessment. And I think that would give you a good
23 portrayal of our best assessment of the current
24 conditions.
25 DR. SHERON Yes, well, I mean, I need that

1 anyway. I was going to call over there because I got
2 to do the Congressional call at 3 o'clock.
3 MR. WEBER: Right.
4 DR. SHERON And so I wanted to just get an
5 update in terms of what's new or different from
6 yesterday.
7 MR. WEBER: Right. We'll send that to you
8 and to Richard.
9 DR. SHERON Okay.
10 MR. WEBER: Okay?
11 DR. SHERON Sounds good.
12 MR. WEBER: And then, when you have the
13 call, if you could then somehow feed any insights back
14 from the call to our team here in the Op Center, we
15 can share that with the folks back in Japan.
16 DR. SHERON Okay.
17 MR. WEBER: Okay?
18 DR. SHERON Good. I mean, I'm getting,
19 you know, inundated. I mean, these guys are, you
20 (b)(5)
21
22
23
24 MR. WEBER: Yes. Well we appreciate the
25 support.

1 DR. SHERON Okay. Yes, we'll take care of
2 it. Don't worry.
3 MR. WEBER: All right, thanks Brian.
4 DR. SHERON All right, thanks.
5 MR. WEBER: We'll send you that stuff too,
6 so you can support your call.
7 DR. SHERON Okay, great.
8 MR. WEBER: Thank you.
9 DR. SHERON Okay, bye-bye.
10 MR. WEBER: Bye-bye.
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6 (CONFERENCE CALL INITIATED)
7 (2:07:51)
8 MR. WEBER: Eliot?
9 MR. BRENNER: And the question is.
10 MR. WEBER: Well, it's more of an answer.
11 I just wanted you all to be aware that Chuck Casto
12 participated again in the Cabinet meeting tonight.
13 MR. BRENNER: I talked with Chuck, I'm
14 aware.
15 MR. WEBER: Okay. And you know that he
16 gave a press statement after he came out of the
17 meeting?
18 MR. BRENNER: Yes.
19 MR. WEBER: Okay.
20 MR. BRENNER: And I have been in
21 (b)(5)
22 position will be that if he gets ambushed, if he gets
23 asked by the Japanese to speak, there's no problem.
24 If he gets ambushed he sticks to, we're here to help.
25 MR. WEBER: And that was his key message.

1 MR. BRENNER: Yes.

2 MR. WEBER: You got that?

3 MR. BRENNER: Yes. (b)(5) [redacted]

4 (b)(5) [redacted]

5 MR. WEBER: All right. Just wanted to

6 make sure.

7 MR. BRENNER: Okay. Thanks Man.

8 MR. WEBER: Thank you.

9 MR. BRENNER: Bye.

10 MR. WEBER: Bye-bye.

11 MALE PARTICIPANT: See, subtlety.

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7 (CONFERENCE CALL INITIATED)
8 (2:08:48)
9 CHAIRMAN JACZKO: Hi everybody.
10 MR. WEBER: Hello.
11 CHAIRMAN JACZKO: How are you?
12 MR. WEBER: Good, Chairman, how are you?
13 CHAIRMAN JACZKO: Good. Hey, I just want
14 to clarify something, I think, you know, we have a lot
15 of stuff going on and I just want to reiterate an
16 important message. We now have the 90-day Quick Look
17 Team officially approved by the Commission, so that
18 activity is going to start.
19 MR. WEBER: Right.
20 CHAIRMAN JACZKO: One of the things that I
21 want to just kind of make clear is that, I don't see
22 that being something that interferes at all with our
23 ongoing response efforts in Japan.
24 MR. WEBER: Okay.
25 CHAIRMAN JACZKO: In particular, we

1 shouldn't at this time be peppering the Japanese for
2 information that would be related to the 90-day Quick
3 Look.
4 MR. WEBER: I understand.
5 CHAIRMAN JACZKO: And, you know, if we
6 are, that's okay, we'll just get it turned off. If
7 we're not, that's great. But I just wanted to make
8 sure that that message is clear to everybody.
9 MR. WEBER: Was there something that
10 occurred that indicated to you that we might have a
11 problem?
12 CHAIRMAN JACZKO: I can talk to you about
13 that off line.
14 MR. WEBER: Okay. But we'll get the word
15 out to our teams that we should be, nothing should be
16 interfering with our ongoing response.
17 CHAIRMAN JACZKO: Correct.
18 MR. WEBER: We should not be pestering the
19 Japanese for information, support the 90-day review.
20 CHAIRMAN JACZKO: Correct.
21 MR. WEBER: Okay.
22 CHAIRMAN JACZKO: Thanks Mike.
23 MR. WEBER: All right.
24 CHAIRMAN JACZKO: Appreciate it.
25 MR. WEBER: Yes, sir.

1 CHAIRMAN JACZKO: Bye.

2 MR. WEBER: Bye-bye.

3

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7 (CONFERENCE CALL INITIATED)

8 (2:10:18)

9 MR. BORCHARDT: This Bill Borchardt, Mike

10 are you there?

11 MR. WEBER: Hi Bill, we're here.

12 MR. BORCHARDT: Hi. I just got off the

13 (b)(5)

14

15 intended.

16 MR. WEBER: Okay.

17 MR. BORCHARDT: Apparently, (b)(5)

18 (b)(5)

19

20

21

22 of days, maybe a week.

23 I don't remember what our analysis was,

24 what our timing was for when it would turn out to be a

25 (b)(5)

1 But I told (b)(5) we'd, look at what we've determined
2 and then give him a call back.
3 (b)(5)
4
5
6 issue. Does that ring a bell to you?
7 MR. WEBER: Absolutely, and they're all on
8 the phone right now, Bill, in a conference call
9 (b)(5)
10
11 right? So tell (b)(5) that we're on the phone with his
12 experts --
13 MR. BORCHARDT: Well, okay.
14 MR. WEBER: -- as we speak, including
15 (b)(5) (phonetic) and (b)(5) phonetic) and, right?
16 MR. BORCHARDT: All right.
17 MR. WEBER: But, you know the Reactor
18 Safety Team developed this six-page status summary and
19 next steps document. And they had a discussion,
20 preliminarily at 11 o'clock, and then they had another
21 follow-on conference call starting at 1 o'clock here.
22 And that call's still going on. And the
23 objective of that call is to reach as much consensus
24 as we can, with respect to what are the next steps.
25 Now, you know, Unit 1 is on freshwater injection.

1 MR. BORCHARDT: Right.

2 MR. WEBER: And they need to recover the

3 ability to do freshwater injection for Units 2 and 3.

4 MR. BORCHARDT: Okay.

5 MR. WEBER: So I think there's recognition

6 by the Japanese that they need to get off of saltwater

7 injection, and they need to get back to freshwater

8 injection. (b)(5) [redacted]

9 (b)(5) [redacted]

10

11 MALE PARTICIPANT: (Inaudible) need to

12 transfer to freshwater barges --

13 MR. WEBER: Yes, that's what they trying

14 to do.

15 MR. BORCHARDT: Okay.

16 MR. WEBER: Among other things.

17 MR. BORCHARDT: So, bottom line is that

18 (b)(5) [redacted]

19

20 already working on it with high priority.

21 MR. WEBER: (b)(5) [redacted]

22 (b)(5) [redacted]

23 MR. BORCHARDT: Okay.

24 MR. WEBER: But saltwater injection is

25 better than no injection.

1 MR. BORCHARDT: Yes, right, and that's the
2 point that I made to (b)(5) I said, obviously nobody
3 wants there to be saltwater injection, but you still
4 have to keep the cores cool.
5 MR. ZIMMERMAN: Portable desalination
6 units.
7 MR. WEBER: I, no --
8 MR. ZIMMERMAN:: Did it ever come up?
9 MR. WEBER: I haven't heard that
10 discussion. Roy just asked about whether the Navy has
11 any portable desalination units, but I know the Navy's
12 engaged.
13 MR. ZIMMERMAN: Yes, yes, okay.
14 MR. WEBER: But the Navy's getting barges
15 to the site, but before they can bring the barges into
16 the site, they need to do the harbor scan so they
17 know, you know, what kind of navigation hazards that
18 they have. And they were trying to get the tug freed
19 up to get the barges to the site, and so I think
20 they're working it.
21 MR. BORCHARDT: I got you. All right,
22 thanks.
23 MR. WEBER: All right.
24 MR. BORCHARDT: Bye.
25 MR. WEBER: Bye-bye.

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8 (CONFERENCE CALL INITIATED)
9 (2:14:28)
10 HEADQUARTERS OPERATIONS OFFICER: This is
11 the Headquarters Operations Officer. The Chairman
12 will be joining the bridge.
13 (Off microphone conversation)
14 CHAIRMAN JACZKO: Hello.
15 MR. WEBER: Hi, Chairman.
16 MR. ZIMMERMAN: Hi, Chairman, how was your
17 afternoon?
18 CHAIRMAN JACZKO: How are you?
19 MR. ZIMMERMAN: Good. Roy Zimmerman, Mike
20 Weber and Cindy Carpenter is here.
21 CHAIRMAN JACZKO: Great.
22 MR. ZIMMERMAN: A few things they'll take
23 you on, a focus of our priorities remain similar to
24 what we've been addressing over the last 24 hours.
25 Focus on the reactors but still focus on the spent

1 fuel pools, but primarily on the reactor cooling.

2 Trying to get fresh water into the vessels

3 right now, associated with freshwater injection into

4 Unit 1. I don't know yet whether we made success in

5 getting larger pumping quantities in, they were

6 working also to try to get larger amounts of water in.

7 I'll check on it.

8 CHAIRMAN JACZKO: Are they actually

9 pumping fresh water now?

10 MR. ZIMMERMAN: Yes, in Unit 1 is on fresh

11 water. Through their condensate storage tank. The

12 other units, they're working with the military to

13 bring in large barges. They've got to make sure that

14 the navigation of the, the very large barges can get

15 to the area first without getting damaged, so that

16 process is a little bit slower.

17 CHAIRMAN JACZKO: Okay.

18 MALE PARTICIPANT: There is concern, based

19 on interactions we have (b)(5) [redacted]

20 about the saltwater that's being injected into the

21 plants and potential harm that the salt is causing, so

22 there's a strong push to try to get off of saltwater

23 injection as soon as possible.

24 CHAIRMAN JACZKO: Yes, is that something

25 (b)(5) [redacted]

1 MR. WEBER: Yes.

2 CHAIRMAN JACZKO: Yes, okay.

3 MR. ZIMMERMAN: Yes, it's just blocking
4 the channels for cooling in the fuel channels and
5 possible corrosion and the like.

6 CHAIRMAN JACZKO: Yes.

7 MR. WEBER: It's not a question of what,
8 it's a question of how.

9 CHAIRMAN JACZKO: Yes. And I mean, I mean
10 ultimately just a straight freshwater injection isn't
11 going to fix the saltwater problem, well, because it
12 presumably just would re-dissolve and then the water
13 would still boil off, right?

14 MR. WEBER: The concept is you'd have
15 enough flow-through so that you would have some steam,
16 but you would also actually take out some salt, re-
17 dissolve it --

18 CHAIRMAN JACZKO: Okay.

19 MR. WEBER: -- as to what leaks out the
20 seals.

21 CHAIRMAN JACZKO: Okay.

22 MR. WEBER: Now it's going to go into
23 containment.

24 CHAIRMAN JACZKO: Yes.

25 MR. ZIMMERMAN: So that ties into flow

1 rates again, you know, to getting enough flow to be
2 able to sweep out some of the salt deposits.
3 CHAIRMAN JACZKO: Yes.
4 MR. ZIMMERMAN: Leads to questions about
5 whether it hardens in place and, you know, becomes
6 it's own little stalactites and stuff, so that's the
7 kind of work that we need to do with DOE to understand
8 that better.
9 I know from my conversations with Mike
10 that you've been working (b)(5) [redacted] you've
11 got another call coming up. We're going to be working
12 with (b)(5) [redacted]
13 (b)(5) [redacted].
14 I think I might have shared with you last
15 night that, you know, (b)(5) [redacted]
16 (b)(5) [redacted]
17 (b)(5) [redacted] Everybody is doing the best work
18 they can.
19 CHAIRMAN JACZKO: Yes.
20 MR. ZIMMERMAN: But we want to try to make
21 some headway there.
22 CHAIRMAN JACZKO: Good.
23 MR. ZIMMERMAN: And hearing that Pete
24 Lyons and Steve Aoki are going to be involved, more
25 involved with the work with the Consortium calls, I

1 think can only help in that regard.

2 CHAIRMAN JACZKO: Good. Good. Perfect.

3 I'm glad that got affected. (b)(5) [redacted]

4 this morning, in hopefully an effort to stave off more

5 letters being sent, that they would just be involved

6 in our phone calls, and we would get the information

7 in here so we can process it without it going right to

8 TEPCO kind of unvarnished.

9 MR. WEBER: And Chairman, just so you

10 know, Paul Gottlieb from DOE was involved in the

11 Consortium call.

12 CHAIRMAN JACZKO: Okay.

13 MR. WEBER: So he works for Pete Lyons.

14 CHAIRMAN JACZKO: Okay.

15 MR. WEBER: And we also were involved in

16 the Secretary's calls in the afternoon.

17 CHAIRMAN JACZKO: Oh, okay.

18 MR. WEBER: Brian Sheron and Richard Lee

19 from Research were on those calls.

20 CHAIRMAN JACZKO: Oh, okay, good.

21 MR. WEBER: And so, what you've

22 affectively done is to agree to the established

23 relationship, but that's fine.

24 CHAIRMAN JACZKO: That's good. So I did

25 no harm that way then.

1 MR. WEBER: Yes, right. I think it was
2 more for DOE's end than for our end.
3 CHAIRMAN JACZKO: Yes.
4 MR. WEBER: We're already there.
5 CHAIRMAN JACZKO: Right. Yes. Well I
6 know, and that's part of the issue that, I mean, again
7 I think it's good that they're thinking about these
8 issues, but the saltwater has been something that
9 we've been looking at for, I mean I think as far as I
10 can trace back, about four or five days now. So, we
11 have an unknown phenomenon but at this point, until
12 they get fresh water, better to do some cooling than
13 no cooling.
14 MR. WEBER: You got it.
15 CHAIRMAN JACZKO: It's just, so. Good,
16 well good.
17 MR. ZIMMERMAN:
18
19 (b)(5)
20
21
22
23 So those dynamics are playing out. With
24 the Reactor Safety Team, we're trying to work on
25 seeing if we can align a dose projection model.

1 There's a number of different ones out there, and
2 there are significant differences between them. And
3 it can cause some difficult, for example, this Trans-
4 (b)(5) [redacted]
5
6 CHAIRMAN JACZKO: Yes.
7 MR. ZIMMERMAN: -- (b)(5) [redacted]
8 (b)(5) [redacted]
9 modeling capability, so the call that's underway will
10 be addressing, will address that issue --
11 CHAIRMAN JACZKO: Okay.
12 MR. ZIMMERMAN: -- because that's an
13 important one as well.
14 CHAIRMAN JACZKO: I thought that one had
15 been put to bed.
16 MR. ZIMMERMAN: Apparently not from what
17 I'm hearing. When I left yesterday it sounded as
18 though we were aligning more but apparently that's not
19 where we are today, and I think what we're going to
20 have to do is lay out all the different models that
21 are still active, still breathing to some sort.
22 CHAIRMAN JACZKO: Okay.
23 MR. ZIMMERMAN: And put a stake through
24 some of them, and focus on which ones are the ones
25 that we really want to narrow down and then agree upon

1 with all the different players.

2 CHAIRMAN JACZKO: Okay.

3 MR. WEBER: I think the problem is, and we

4 do have to verify this through the modelers but, you

5 know, they're not changing the code.

6 CHAIRMAN JACZKO: Ah.

7 MR. WEBER: So while they agree that the

8 results don't make sense.

9 CHAIRMAN JACZKO: They keep spitting them

10 out.

11 MR. WEBER: They keep spitting them out.

12 CHAIRMAN JACZKO: Yes, yes.

13 MR. WEBER: They come up with these high

14 doses, and one of the summary reports that we've

15 reviewed which was a draft, instead of actually having

16 a value there, they just said NA.

17 CHAIRMAN JACZKO: Ah.

18 MR. WEBER: You know, so they blot out the

19 result. It's still there, spit out by the code but it

20 doesn't make any sense.

21 CHAIRMAN JACZKO: Yes.

22 MR. ZIMMERMAN: Yes, and just to throw a

23 value at you to let you know why the concern is so

24 high is that, that Transamerica (phonetic) model guy

25 from ScottOut (phonetic) is talking four and a half

1 REMs is a thyroid for infants in California.

2 CHAIRMAN JACZKO: Right.

3 MR. ZIMMERMAN: So I think that's a high

4 priority for us to get our arms around.

5 CHAIRMAN JACZKO: Yes.

6 MR. ZIMMERMAN: We've been invited into

7 the Crisis Center at TEPCO. (b)(5) [redacted]

8 (b)(5) [redacted] -

9 CHAIRMAN JACZKO: Good.

10 MR. ZIMMERMAN: -- that's good news. So

11 the Consortium, getting aligned and brought in seems

12 to be going well thus far.

13 MR. WEBER: (b)(5) [redacted]

14 that's --

15 CHAIRMAN JACZKO: I'm sorry, can I ask you

16 question on that, Roy?

17 MR. ZIMMERMAN: As far as --

18 CHAIRMAN JACZKO: I mean, I know, and it's

19 not moved nearly as fast as I would like and I'm

20 (b)(5) [redacted]

21

22 that they would find value in if we found it, or are

23 we past the point of needing that?

24 MR. ZIMMERMAN: I don't have that answer,

25 I'd have to, my next conversation with him, is ask him

1 where he stands with the --

2 CHAIRMAN JACZKO: Okay.

3 MR. ZIMMERMAN:: -- the team.

4 CHAIRMAN JACZKO: Okay.

5 MR. WEBER: The impression I have is that

6 we're past that.

7 CHAIRMAN JACZKO: Okay.

8 MR. ZIMMERMAN: But, he didn't raise it to

9 me last night, and I had about three calls with him.

10 CHAIRMAN JACZKO: Okay.

11 MR. WEBER: I didn't get the sense that,

12 you know anything's sitting still.

13 CHAIRMAN JACZKO: Okay.

14 MR. WEBER: There still were a lot of

15 questions about logistics and who pays and --

16 CHAIRMAN JACZKO: Yes.

17 MR. WEBER: -- but that's outside of our

18 swim lane.

19 CHAIRMAN JACZKO: Yes, okay. Okay.

20 MR. ZIMMERMAN:: Good news that might get

21 passed on, about expecting to get requests for

22 assistance today in the Cabinet level meeting that our

23 in-country folks will have participated in, so things

24 that we've been waiting for about using the fire, the

25 pumping system from Australia, it looks like they're

1 interested in that. (b)(5) [redacted]

2 (b)(5) [redacted]

3

4

5 CHAIRMAN JACZKO: What buying power does

6 (b)(5) [redacted]

7 MR. ZIMMERMAN: Oh, okay. I thought it

8 was INPO.

9 CHAIRMAN JACZKO: No.

10 (b)(5) [redacted]

11

12 else?

13 MR. WEBER: Chairman, while Roy's looking

14 at his notes, they do plan to send TEPCO technicians

15 to Yokota Air Force Base tomorrow morning.

16 CHAIRMAN JACZKO: Okay.

17 MR. WEBER: So that they can be trained on

18 the installation and operation of the system.

19 CHAIRMAN JACZKO: Okay.

20 MR. WEBER: And they're sending eight Self

21 Defense Force tractor trailers to the Air Force Base

22 to pick up the equipment.

23 CHAIRMAN JACZKO: And this is going to be

24 for a more reliable and direct supply of water into

25 the pools? Is that right?

1 MR. WEBER: Right. Now, remember the
2 original design was to pump it out of the sea.
3 CHAIRMAN JACZKO: Yes.
4 MR. WEBER: Into the spent fuel pools.
5 But you could use the same equipment to pump a lot of
6 different things.
7 CHAIRMAN JACZKO: Yes.
8 MR. WEBER: And so they may use parts of
9 the system, instead of pumping it into the fuel pools,
10 they may use it to pump fresh water into the reactors.
11 CHAIRMAN JACZKO: Okay.
12 MR. WEBER: So.
13 MR. ZIMMERMAN: And one item that,
14 (inaudible) hope that Bill Borchardt may already found
15 time to brief you on is the other call was (b)(5)
16 (b)(5)
17
18 CHAIRMAN JACZKO: Yes.
19 MR. ZIMMERMAN: (b)(5)
20 (b)(5)
21 CHAIRMAN JACZKO: Yes.
22 MR. ZIMMERMAN: So again, I think the
23 attention is being focused appropriately in trying to
24 get off the saltwater as quickly as possible.
25 CHAIRMAN JACZKO: What's the concern that,

1 what do we understand, I mean, looking at all the
2 technical information, (b)(5) [redacted]
3 (b)(5) [redacted]
4 (b)(5) [redacted]
5
6 CHAIRMAN JACZKO: Okay.
7 (b)(5) [redacted]
8
9 CHAIRMAN JACZKO: Okay.
10 MR. BORCHARDT: Yes, and this is Bill.
11 And, you know (b)(5) [redacted] issue or the reason for our
12 conversation was, we've got a lot of different players
13 coming up with different estimates.
14 CHAIRMAN JACZKO: Yes, yes.
15 (b)(5) [redacted]
16
17 CHAIRMAN JACZKO: Yes, yes.
18 (b)(5) [redacted]
19
20
21 CHAIRMAN JACZKO: Yes.
22 MR. BORCHARDT: I said that, you know,
23 (b)(5) [redacted] I don't really think it makes any difference.
24 CHAIRMAN JACZKO: Right.
25 MR. BORCHARDT: People in Japan know this

1 a urgent, high priority thing, they've got, you know,
2 one already on fresh water, they're --
3 CHAIRMAN JACZKO: Right.
4 MR. BORCHARDT: -- working on the other
5 two. What more can you do?
6 CHAIRMAN JACZKO: Right.
7 MR. BORCHARDT: [redacted]
8 (b)(5)
9 CHAIRMAN JACZKO: Yes. Yes. So there's
10 no disagreement that it needs to be fixed. (b)(5) [redacted]
11 (b)(5) [redacted]
12
13 getting fresh water in, instead of saltwater?
14 MR. BORCHARDT: I think all you can do is
15 do fresh water because the last thing you want to do
16 is stop putting in cooling water of any kind.
17 CHAIRMAN JACZKO: Right, yes. Okay.
18 MR. ZIMMERMAN: And again, couple that
19 with the maximum flow because you need to try to get
20 it out of there.
21 CHAIRMAN JACZKO: Yes.
22 MR. ZIMMERMAN: You try to mechanically
23 break it off of there and sweep it out of the vessel.
24 MR. BORCHARDT: Our team here has been on
25 (b)(5) [redacted]

1 (b)(5) [redacted]

5 CHAIRMAN JACZKO: Okay, good.

6 MR. BORCHARDT: Then the idea is, if we
7 can come up with a consensus document, then that
8 should be the one document that all the agencies are
9 using on --

10 CHAIRMAN JACZKO: Good.

11 MR. BORCHARDT: -- what are the fixes,
12 what is the status? (b)(5) [redacted]

13 (b)(5) [redacted]

16 CHAIRMAN JACZKO: Right, yes.

17 MR. BORCHARDT: And we're saying, you
18 know, it doesn't really matter, based on the degraded
19 states that those plants are in --

20 CHAIRMAN JACZKO: Yes.

21 MR. BORCHARDT: -- what matters is that
22 we're taking action to make it better, rather than
23 arguing about what the bottom head temperature is.

24 CHAIRMAN JACZKO: Yes. What, do we have
25 an estimate of how long until, essentially, we're

1 below, I mean I guess it would be that we're below a
2 boiling point, essentially, for the fuel? I mean, is
3 that when we get to a stable condition?
4 I mean, assuming we never are able to get,
5 kind of reliable, some kind of recirculation or pump-
6 induced recirculation, I mean, how long does this go
7 before, you've just got the core and you're able to
8 fill it, and all the water you're pumping in
9 essentially is just going to go and cover the core and
10 not boil off or not steam off?
11 MR. BORCHARDT: I don't know the answer to
12 that question.
13 MR. ZIMMERMAN: Yes, I wouldn't want to
14 take a guess. I think it's a good question.
15 Basically what you're asking is, what is our end game
16 starting to look like?
17 CHAIRMAN JACZKO: Yes.
18 MR. ZIMMERMAN: What are some of the more
19 significant milestones that'll tell us that we're
20 getting closer to the end. And part of that's having
21 a handle on which units are having active releases
22 still.
23 CHAIRMAN JACZKO: Yes.
24 MR. ZIMMERMAN: And trying to do what's
25 best to try to minimize or turn off those releases.

1 CHAIRMAN JACZKO: And maybe you can just
2 tell me, I mean, I guess that, I'm assuming that
3 that's essentially kind of the end state we're trying
4 to achieve, which would be a stable core. A core
5 that's cool enough that you flood it and you're not
6 going to lose inventory. I mean I think that's right.
7 MR. ZIMMERMAN: Right. And hopefully,
8 that if there continues to be offsite releases, that
9 they're understood, that they're controlled.
10 CHAIRMAN JACZKO: Yes.
11 MR. ZIMMERMAN: And no flare-ups.
12 CHAIRMAN JACZKO: Yes.
13 MR. BORCHARDT: The wild card with that of
14 course is, that presumes we understand the initial
15 conditions.
16 CHAIRMAN JACZKO: Yes.
17 MR. BORCHARDT: And at this point we don't
18 know what geometry the core is in.
19 CHAIRMAN JACZKO: Right.
20 MR. BORCHARDT: So, I mean this thing
21 could be sitting down there cooking away.
22 (b)(5)
23
24
25 CHAIRMAN JACZKO: Okay.

1 MR. BORCHARDT: That's the assessment of
2 the Reactor Safety Team. (b)(5) [redacted]
3 (b)(5) [redacted]
4 CHAIRMAN JACZKO: That that's already
5 happened?
6 MR. BORCHARDT: That it may have happened.
7 CHAIRMAN JACZKO: Yes.
8 (b)(5) [redacted]
9
10 CHAIRMAN JACZKO: Yes.
11 MR. ZIMMERMAN: I think the spent fuel
12 (b)(5) [redacted]
13
14
15
16 CHAIRMAN JACZKO: Yes, yes I did too.
17 MR. BORCHARDT: Well, enough said.
18 CHAIRMAN JACZKO: Yes. Okay, so I mean in
19 terms of, I guess, you know, to some extent, I mean
20 it's interesting that while to some extent this has
21 been a significant event, if we did have an especial,
22 presumably at this point we've not had a significant
23 containment breach.
24 MR. BORCHARDT: As far as we know, but --
25 MR. ZIMMERMAN: I think I read something

1 that they're looking at doing another venting
2 operation, that they're getting up there and, you
3 know, what I think up around 70 pounds.
4 CHAIRMAN JACZKO: Okay.
5 MR. ZIMMERMAN: But at least they're
6 getting at the controls vent.
7 CHAIRMAN JACZKO: Yes. Now have they,
8 just one other, okay, have they flooded any of the dry
9 wells, or at this point that they've kept the dry
10 wells dry? Or would they even do that?
11 MR. ZIMMERMAN: I'll let others answer.
12 My answer is I've heard conflicting answers. I've
13 heard that they have flooded, and I have not heard it
14 confirmed.
15 CHAIRMAN JACZKO: Okay. Okay, so --
16 MR. ZIMMERMAN: That's my ugly fair
17 assessment.
18 CHAIRMAN JACZKO: Okay.
19 MR. ZIMMERMAN: So I don't think we
20 actually know, and maybe it's one of those things we
21 (b)(5) [redacted]
22 MR. BORCHARDT: And even if they did not
23 intentionally flood the dry wells, the dry wells may
24 be filling from leakage anyway.
25 CHAIRMAN JACZKO: Yes.

1 MR. ZIMMERMAN: It is one of the
2 recommendations that they're talking about on the
3 phone is to try to cover the lower portion of the
4 reactor vessel.
5 CHAIRMAN JACZKO: Yes, okay. Okay. Well
6 good. Well do you think for decision making purposes,
7 it's fast enough at this point? Are we getting bogged
8 down anywhere? Is there anywhere I need to help move
9 decisions along, or what's your set?
10 MR. BORCHARDT: I don't have anything like
11 that, the one that I'd like to work with the team here
12 a little bit on, is trying to make sure we're working
13 as efficiently and effectively (b)(5)
14 CHAIRMAN JACZKO: Good.
15 (b)(5)
16
17
18
19 CHAIRMAN JACZKO: Yes.
20 MR. BORCHARDT: So we've got to find a way
21 (b)(5)
22 CHAIRMAN JACZKO: Okay.
23 MR. BORCHARDT: But if we need to send
24 somebody there, and them somebody else here, or
25 whatever we need to do.

1 CHAIRMAN JACZKO: Okay.

2 MR. BORCHARDT: (b)(5) [redacted]

3 (b)(5) [redacted]

4 CHAIRMAN JACZKO: Well, just for your

5 information, that's somewhat odd to me because every

6 (b)(5) [redacted]

7

8

9

10

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12

13

14 MR. WEBER: Yes, Chairman, I think they

15 are getting more energized --

16 CHAIRMAN JACZKO: Yes.

17 MR. WEBER: -- on this. We're getting

18 more traffic now (b)(5) [redacted]

19 CHAIRMAN JACZKO: Okay.

20 MR. WEBER: And we are now starting to get

21 data that we haven't seen before through other

22 channels.

23 CHAIRMAN JACZKO: Okay.

24 MR. WEBER: Like today we got a product

25 that had all the spent fuel pools, at all, every

1 assembly and every one of the spent fuel pools in
2 these units.
3 CHAIRMAN JACZKO: Oh good.
4 MR. WEBER: But we've never seen that
5 before.
6 CHAIRMAN JACZKO: Good.
7 MR. ZIMMERMAN: But it's good and bad from
8 what I'm hearing, is that they're pulling information
9 together, but then when we look at it, it looks like
10 some of it is old data and not accurate.
11 CHAIRMAN JACZKO: Oh, okay. Okay.
12 MR. ZIMMERMAN: That's the problem.
13 CHAIRMAN JACZKO: Okay.
14 MR. ZIMMERMAN: All right, but we'll work
15 it.
16 CHAIRMAN JACZKO: Good. Good.
17 MR. BORCHARDT: Anything else anybody has
18 to share?
19 MR. ZIMMERMAN: I think that's what we've
20 got for this brief.
21 CHAIRMAN JACZKO: Okay, good. Well
22 thanks, Roy, appreciate it. Keep focused on a couple
23 of important priorities, and keep working to make
24 progress. And if you need me to engage, just give me
25 a call.

1 MR. ZIMMERMAN:: We will do that, and
2 we'll email you later on this evening.
3 CHAIRMAN JACZKO: Okay good. Thanks Roy.
4 MR. ZIMMERMAN:: All right. Bye now.
5 CHAIRMAN JACZKO: Bye.
6
7
8
9
10 (CONFERENCE CALL INITIATED)
11 (2:34:41)
12 FEMALE PARTICIPANT: Margie (phonetic),
13 are you there?
14 MALE PARTICIPANT: (Inaudible).
15 FEMALE PARTICIPANT: Margie?
16 MARGIE: Yes.
17 FEMALE PARTICIPANT: Hi.
18 MARGIE: Hi.
19 MR. ZIMMERMAN: How are you, Margie?
20 MARGIE: Hey, how are you guys?
21 MR. ZIMMERMAN: Doing all right.
22 FEMALE PARTICIPANT: We're doing okay.
23 MARGIE: Okay. The Chairman has a call at
24 5:30 with the Director General of NISA. We've given
25 him talking points which are very high level, to set

1 up a phone call and it should be a very quick phone
2 call. But he would like to have a background on
3 issues that you would want to give him for today, in
4 case he's asked specific questions.
5 MR. ZIMMERMAN: This is for a 5:30 phone
6 call?
7 MARGIE: Yes. So I don't know if you've
8 already prepared any background for what the current
9 topics are, that we can just draw from?
10 MR. ZIMMERMAN: Okay, so you're kind of
11 looking for, given the opportunity, what would be four
12 or five questions that we would likely ask the
13 Chairman to pursue?
14 MARGIE: No, no-no-no. Just the opposite.
15 MR. ZIMMERMAN: Okay.
16 MARGIE: It would be, what do you think
17 NISA might ask him?
18 MR. ZIMMERMAN: Okay.
19 MARGIE: That you want him to have some
20 background on.
21 MR. ZIMMERMAN: Got you.
22 MR. BORCHARDT: We have document
23 (inaudible). Preparing this document?
24 MR. ZIMMERMAN: Yes.
25 MR. BORCHARDT: We should have it to him,

1 oh, probably by the end of the shift, definitely.

2 MR. ZIMMERMAN: Right. Ideal 4:30, first

3 off.

4 MR. BORCHARDT: Right, but we're going to

5 have comment how to resolve.

6 MR. ZIMMERMAN: When they, in the morning,

7 when they get up.

8 MR. BORCHARDT: Yes.

9 MARGIE: Oop, it's 5:30, wait, the call's

10 at 5:30.

11 MR. BORCHARDT: Yes, that's, it's probably

12 a little later than that.

13 MR. ZIMMERMAN: How do you want to do,

14 once we have it developed, how do you want us to

15 provide it?

16 MARGIE: If you could please send it to

17 Danielle Emche, she'll make sure that she gets it up

18 to the Chairman's office.

19 MR. ZIMMERMAN: How do you spell her last

20 name?

21 MR. WEBER: E-M-C-H-E.

22 MR. BORCHARDT: Oh, you're talking about

23 the bullet points, for the Chairman.

24 MR. WEBER: Yes. E-M-C-H-E.

25 MARGIE: Not, so this wouldn't be, we have

1 bullets for him to do, what he's going to do and
2 talking, this is just background.
3 MR. ZIMMERMAN: This is preparing him for
4 his questions.
5 FEMALE PARTICIPANT: Background.
6 MARGIE: Right.
7 MR. ZIMMERMAN: That he may receive.
8 MARGIE: Exactly.
9 MR. ZIMMERMAN: I got it. All right,
10 Margie, let us start working it.
11 MARGIE: Okay. If you need help, give us
12 a call.
13 MR. ZIMMERMAN: Okay. Thanks for calling.
14 MARGIE: Thanks. Okay, bye.
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11 (CONFERENCE CALL INITIATED)
12 (2:37:13)
13 MR. BORCHARDT: They may ask about that.
14 So that might be one question we wouldn't want to have
15 an answer to, but there may be other ones he might --
16 (Crosstalk)
17 MR. ZIMMERMAN: Hey Chip, Roy Zimmerman.
18 CHIP: Yes, sir.
19 MR. ZIMMERMAN: Sorry to, did we wake you?
20 CHIP: No, actually you didn't.
21 MR. ZIMMERMAN: Okay so, I apologize if I
22 did. I wanted to, not keep you on the phone too long,
23 but I wanted to try to get your insight. The
24 Chairman's having a call with the Director-General
25 from NISA in an hour. And what we're preparing are,

1 what are the questions that he's likely to receive
2 from the Director-General?
3 CHIP: Okay.
4 MR. ZIMMERMAN: You know, four or five
5 questions, and we figure that you probably have the
6 best insight to what kind of questions the Director-
7 General may ask him. Can you just think on that for a
8 moment, and see what you think he might get asked by
9 the Director-General?
10 CHIP: Oh, I suppose I probably, off the
11 top of my head, he's probably going to ask that he
12 explain our role to him.
13 MR. ZIMMERMAN: You mean our role?
14 CHIP: Yes.
15 MR. ZIMMERMAN: Okay, is it talking at a
16 high level, but our role as trying to provide them
17 support?
18 CHIP: What type of support and help,
19 right. [redacted]
20
21 (b)(5)
22
23 CHIP: Yes, I wouldn't doubt that that
24 question would come up, but it may not. I mean, maybe
25 he understands it perfectly.

1 MR. ZIMMERMAN: Have you had much
2 interaction with the Director-General of NISA?
3 CHIP: No, I've worked, I've met with the
4 EDO, and our guys work with the EDO all the time, but
5 not, is that (b)(5) or do you know which one
6 it is?
7 MR. ZIMMERMAN: I'm not sure of the name
8 of the gentleman. The ones that we've come up with
9 before we decided to call you was the aspect of the
10 salt intrusion, and the impact of the salt, which we
11 know is significant for them. Return criteria --
12 CHIP: Yes.
13 MR. ZIMMERMAN: -- to pick up personal
14 possessions, we felt might be another question they
15 might ask. Anything else come to your mind that you
16 think were, or are obvious questions that they'll take
17 this opportunity to ask Chairman Jaczko?
18 CHIP: No, I don't know what he would ask,
19 honestly. I can't think of anything that he would, I
20 should be able to think of something but I really
21 can't think of anything that he would ask. You know,
22 he might ask for help on something technical, but, you
23 know, --
24 MR. ZIMMERMAN: Okay.
25 CHIP: -- we can just accept that.

1 MR. ZIMMERMAN: All right. Let us not tie
2 you anymore, let you get things going for yourself.
3 Thanks very much.
4 CHIP: Okay. All right, Roy.
5 MR. ZIMMERMAN: I appreciate it.
6 MR. BORCHARDT: Hey Roy, this is Bill
7 Borchardt. How are you?
8 MR. ZIMMERMAN: Good Bill.
9 MR. BORCHARDT: Have a, your, I just
10 walked in on the last second on that conversation. Is
11 that the follow-up to Margie's request?
12 MR. ZIMMERMAN: Yes it is.
13 MR. BORCHARDT: Okay. You know, I think
14 if you took the last status report and looked at the
15 highlighted yellow areas, which include the seawater
16 issue.
17 MR. ZIMMERMAN: Yes.
18 MR. BORCHARDT: That that's probably going
19 to scratch the itch. The probability, because of the
20 diplomatic protocols with NISA, are that NISA wants us
21 to be at a very high level, so I think it's highly
22 unlikely that he's going to ask any difficult
23 questions. I think the Chairman just wanted some
24 background, so I would just pull a couple of major
25 points out of that status update and you're done.

1 MR. ZIMMERMAN: Okay. And again, we're
2 trying to come up with questions that are likely to be
3 asked of the Chairman.
4 MR. BORCHARDT: Right.
5 MR. ZIMMERMAN: Okay.
6 MR. BORCHARDT: Yes, so you could expect,
7 you know, the seawater injection issue is a big topic
8 right.
9 MR. ZIMMERMAN: We got that one, we've got
10 that as one.
11 MR. BORCHARDT: So, you know, he's not
12 going to, I don't know, I'm trying to think off the
13 top of my head. I mean he's not going to bring up the
14 50 mile issue, that's too highly contentious.
15 MR. ZIMMERMAN: Okay. All right, we'll
16 work it from here, Bill.
17 MR. BORCHARDT: All right, thanks.
18 MR. ZIMMERMAN: Thanks, bye.
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10 (CONFERENCE CALL INITIATED)
11 (2:42:07)
12 MARGIE: Hi Roy, this is Margie.
13 MR. ZIMMERMAN: Hi Margie.
14 MARGIE: Hey, the Chairman's looking for
15 his talking points.
16 MR. ZIMMERMAN: They're on their way, they
17 just got sent.
18 MARGIE: Okay, did you send them to the
19 Chairman's office? Can you make sure they go to Anna
20 Bradford?
21 MR. ZIMMERMAN: That's, we sent them to
22 Danielle Emche. But we'll send them to Anna.
23 MARGIE: Okay.
24 MR. ZIMMERMAN: We'll send them to Anna.
25 MARGIE: Okay, okay great. Thank you.

1 MR. ZIMMERMAN: Okay. Anna Bradford.

2 MARGIE: Okay thanks. I'm going to hang

3 up now.

4 MR. ZIMMERMAN: You're welcome. Have a

5 good night.

6 MARGIE: Okay. You too. Bye.

7

8

9

10

11 (CONFERENCE CALL INITIATED)

12 (2:42:41)

13 OPERATOR: There are currently 24

14 participants in your conference. The following people

15 are in the conference.

16 MR. ROGGE: John Rogge, Region I, RDO.

17 MR. HARRIS: Brian Harris, OGC.

18 MR. RICH: Dan Rich, Region II Duty

19 Officer.

20 HEADQUARTERS OPERATIONS OFFICER:

21 Headquarter Operations Officer Monitor (phonetic).

22 MR. MOORE: Scott Moore, FSME.

23 MR. CASTLEMAN: Pat Castleman,

24 Commissioner Svinicki's office.

25 MR. REESE (PHONETIC): Barry Reese, FSME.

1 MS. PUSEN (PHONETIC): Laura Pusen,
2 (inaudible).
3 MR. MARSHALL: Michael Marshall, Chairman
4 Jaczko's office.
5 MR. CAMERON: Jamnes Cameron, Region III
6 Duty Officer.
7 MR. HSUEH: Kevin Hsueh, FSME.
8 MR. BRENNER: Eliot Brenner, Public
9 Affairs.
10 MR. BATES: Andy Bates, SECI.
11 MS. HOSS: (Inaudible) Hoss, (inaudible).
12 MR. FRANOVICH: Mike Franovich,
13 Commissioner Ostendorff's office.
14 MR. HIPSCHMAN: Tom Hipschman, Chairman's
15 office.
16 MR. CHEOK: Mike Cheok, NRR EO.
17 MR. ROTHSCHILD: Trip Rothschild, OGC.
18 MR. SNODDERLY: Mike Snodderly,
19 Commissioner Apostolakis' office.
20 MS. VIETTI-COOK: Annette Vietti-Cook,
21 Office of the Secretary.
22 MR. ORDERS: Bill Orders, Commissioner
23 Magwood's office.
24 MS. HOWELL: Linda Howell, Region IV.
25 MS. BAILEY: Marissa Bailey, NMSS.

1 MR. CAMPER: Larry Camper, FSME

2 OPERATOR: The roster playback is

3 complete.

4 MR. ZIMMERMAN: Good evening, this is Roy

5 Zimmerman, the ET Director. I've got the AP members

6 around the table with me. Let me start with plant

7 status, and run through a number of different issues

8 similar to some new information we got last night.

9 First off, with regard to plant status,

10 little has changed. We've gotten some back and forth

11 reports about Unit 1, in terms of the core being

12 cooled with seawater, or fresh water. We just got it

13 confirmed, our best understanding is that the core of

14 Unit 1 is being cooled with fresh water.

15 The other units have spent fuel pools with

16 seawater. Unit 1 is receiving power from Unit 2,

17 according to TEPCO. We're picking up various reports,

18 I believe that the fuel may have slumped to the bottom

19 of the core for Units 1 and for Units 2.

20 We're seeing a slow heat-up in the spent

21 fuel pool in Unit 1, but it's again a very slow heat-

22 up. For Units 1 and 2 the electrical power has been

23 restored, as you know. And they're doing some testing

24 in Unit 2.

25 They're working in Unit 1 to attach fire

1 hoses to install coolant plates in the facility, to be
2 able to cool the spent fuel pool. And they, in 1, 2
3 and 4, they are starting to recover various
4 instrumentation as they get the AC power back. So
5 although we're finding that some of the pumps and such
6 aren't working properly, (inaudible) instrumentation
7 is coming back gradually.
8 You were aware of the black smoke that was
9 emitting from Unit 3, and they evacuated folks from 3
10 and 4 and they since have returned as the smoke
11 dissipated.
12 Some encouraging yet sensitive
13 information, is that one of our in-country team
14 members [redacted] (b)(5)
15 [redacted]
16 (b)(5) [redacted]
17
18
19 (b)(5) [redacted]
20
21 to help us be able to piece together a little bit more
22 of what's occurred at the site.
23 (b)(5) [redacted]
24
25 (b)(5) [redacted] got together today and spoke on

1 a conference call and agreed on an assessment of each
2 of the reactors, and are prepared to provide
3 recommendations to the Japanese to consider these
4 recommendations.
5 So all those parties that I read through
6 very quickly are in alignment for a number of
7 recommendations. These include such things as
8 switching to freshwater injection as soon as possible.
9 The concern has gone up today,
10 (b)(5)
11 that can occur as the result of all the salt that's in
12 the vessels, that I think you may have read in Sitrep
13 report that there's a belief there could be salt that
14 fills up all the way to the lower core, the core
15 plate.
16 In addition to switching to fresh water,
17 is maximizing flow as we discussed last night. New
18 items are attempting to inert the primary containment
19 with nitrogen prior to venting, and prior to the use
20 of coarse spray.
21 And then to maintain venting capability
22 and pressure suppression spray capability. Obvious
23 things like maintaining spent fuel pool level, and
24 then flooding up primary containment to cover the
25 lower portion of the reactor vessel externally, up to

1 the level of top of active fuel.

2 Those are just some of the recommendations

3 that this group came up with. What we would like to

4 do, what we intend on doing is sharing it with the

5 team, and then sharing it with the regulators that

6 have an interest in our recommendations.

7 [redacted]

8

9 (b)(5)

10

11 (b)(5) [redacted]

12

13

14

15 doing. They'll be working that through the evening.

16 There's a 9 o'clock call tonight with a

17 Mr. Piccatu, who supports that role, Willard who heads

18 the Pacific fleet. And what he's looking at doing is

19 trying to work with us on some of the logistics, start

20 moving the freshwater barges over to Japan.

21 (b)(5) [redacted]

22

23 talking with them at 9 o'clock to see if there's some

24 logistical support we can provide them.

25 NRR is planning on issuing a reg issue

1 summary on Monday to request licensees to send
2 radiation monitoring station data to the NRC that we
3 can then provide to EPA. And that type of information
4 continues to come in.
5 Tomorrow the Chairman's going to be
6 talking with the Japanese Ambassador in D.C. And
7 we're putting together some talking points and such to
8 support him for that.
9 (b)(5)
10 don't know when the exact date is for that, but they
11 are gearing up for that. We don't have a lot of
12 radiation readings. One that I'll mention is, looks
13 like about 20 mR out at the main gate based on the
14 Ministry of Industry and Trade.
15 And we're kicking around the idea of
16 trying to start to trend some of these data points, so
17 that we can make comparisons from day to day on
18 whether these dose rates are going up, down or
19 whatever. So as time permits we'll be dialoging that.
20 One of the more significant items, I think
21 is trying to continue to work with the PMT at our
22 counterparts, getting aligned on a source term for
23 modeling.
24 (b)(5)
25

1 (b)(5)
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6 So obviously, that's not an accurate
7 document, it's not something we want to inadvertently
8 get issued. So we've got some work cut out for us to
9 continue to work on the appropriate modeling.
10 Japan is being for taking our KI, they
11 want the unmanned aircraft, they're very receptive
12 right now to logistical support that we can provide.
13 We are, the Chairman's been working this issue. We're
14 going to be staffing a logistical team in Japan to
15 help U.S. agencies and the industry Consortium with
16 support, logistics.
17 INPO is concerned that they do in fact
18 have a million KIs, tablets available from Amdex and
19 based on what we heard yesterday, it's likely that the
20 Japanese would be interested in as much of that as
21 they can get.
22 The PMT's continuing to develop re-entry
23 plans for short term re-entry for retrieval of
24 personal effects. And on the personnel front, we're
25 looking at bringing back Chuck Casto and John Monager

1 (phonetic) possibly this weekend, and then identifying
2 an additional manager to go out to (inaudible).
3 And with that, I'll first ask my team to
4 correct any errors that, or emissions that I may have
5 left out, clarify anything, and then we'll go to
6 questions. Please?
7 MS. JONES: This is Cindy Jones at the
8 PMT, two points of clarification. The estimates that
(b)(5)
9 [redacted]
10
11 that called this morning.
12 They realized that they may have made some
13 very conservative estimates, and so they were not
14 prepared to release that information. They were going
15 to go back and recalculate it. We have not received
16 that information yet.
17 But what did happen this morning, I guess
18 at noon today, is we received additional information
19 from Japan and based on this we changed the estimates
20 for the core melt, for Unit 1, to be 70 percent core
21 melt, up from 33 percent, with a ten percent release
22 rate, not a 0.5 percent release rate as was done
23 yesterday, since this information was updated to it
24 from the Japanese.
25 Unit 2 remains two percent core melt, but

1 now we have information from the Japanese there is a
2 five, four-inch hole, a five-inch bore hole that's in
3 the containment, and about 60 psi initial pressure in
4 that containment vessel.
5 So what we're doing right now is we are
6 trying to model a release of that containment in that,
7 we just got this information. Unit 3 is 33 percent
8 core melt, assuming 100 percent release per day. So
9 NARAC has asked us for the source term for these
10 three, again spent fuel pool, they're not included.
11 And we're trying to get that information to them
12 tonight.
13 MR. ZIMMERMAN: Thank you, Cindy.
14 MS. JONES: The idea is that NARAC will
15 run, continue the run that they had from yesterday,
16 which is this 33 percent at each reactor, and then
17 they will get the information as quickly as they can
18 (b)(5) [redacted]
19 I believe, to the Japanese desk or to TEPCO.
20 FEMALE PARTICIPANT: Which Unit was the
21 estimate the five-inch hole?
22 MALE PARTICIPANT: Unit 2.
23 FEMALE PARTICIPANT: Thank you.
24 MR. ZIMMERMAN: Okay, any other
25 clarifications around the table on anything I went

1 over? Anything I left out?

2 MR. RULAND: This is Bill Ruland from the

3 Reactor Safety Team. We're doing some last minute

4 fact checking on the document, this assessment

5 document that we're getting ready to provide the team.

6 You know, (b)(5) [redacted]

7 here.

8 (b)(5) [redacted]

9 when we did the fact checking, we found out that the

10 (b)(5) [redacted]

11 are going to be, we're going to try to use the same

12 kind of language.

13 MR. ZIMMERMAN: Okay, good.

14 MR. RULAND: So that they'll match. So

15 we're doing that fact checking. And in addition, not

16 only did we get from the Site Team, I mean from the

17 in-country team from the NRC, did we get these spread

18 (b)(5) [redacted]

19

20

21 So we're getting that translated, and then

22 we're going to compare notes between our

23 recommendation and theirs and kind of cross check with

24 each other.

25 MR. ZIMMERMAN: Okay, and as Bill

1 mentioned to me earlier, [redacted]
2
3
4 Anything else before we go to
5 questions?
6 MR. FERIA (PHONETIC): Real quick, Roy,
7 this is Rich Feria from the Liaison Team. The call
8 with Mrs. Patruta (phonetic)?
9 MR. ZIMMERMAN: Yes.
10 MR STRAIT: Did she call him because
11 Admiral Willard, from the Pacific Command is speaking,
12 the NRC advisor.
13 MALE PARTICIPANT: NRC advisor with what
14 capacity or anything else (inaudible).
15 MALE PARTICIPANT: All right.
16 MR. ZIMMERMAN: So we'll learn more on
17 that 9 o'clock call. Thank you. Okay, let us
18 entertain some questions. This is no time to be
19 bashful.
20 MR. CAMERON: Hey, MJ, this is Jamnes
21 Cameron.
22 MS. ROSS-LEE: Hi James.
23 MR. CAMERON: Hey, what was that 4.5
24 thyroid dose, was that taken from the old source term?
25 MS. ROSS-LEE: Yes, that's from the worst

1 case (inaudible), that was all three --

2 MR. ZIMMERMAN: Spent reactors --

3 MS. ROSS-LEE: Spent, reactors as a spent

4 fuel pool. So a total of seven source terms. I think

5 it was called Trans-Pacific at one time. One of the

6 things that we're doing is putting together all the

7 names and assumptions for these previous rads, so we

8 can keep them straight.

9 MR. CAMERON: Okay, thank you.

10 MR. ZIMMERMAN: Sort of the nature --

11 (Crosstalk)

12 MS. HOWELL: Cindy, Linda. Was that for

13 Tokyo? Or was that for Japan, Western U.S.?

14 MS. JONES: Western U.S.

15 MS. HOWELL: Thanks.

16 MR. FRANOVICH: Roy, this is Mike

17 Franovich.

18 MR. ZIMMERMAN: Yes, Mike.

19 MR. FRANOVICH: Good evening, I have a

20 question about logistics. It sounded to me as if we

21 were taking a little bit more of a proactive role to

22 do a coordinator function for multi-agency efforts

23 over there. Are we now in the position, saying the

24 agency that's been sought to be the lead for

25 logistical coordination is NRC?

1 MR. ZIMMERMAN: No. No, I understand.
2 It's a good question. I think it, at this point that
3 still has not yet been determined. So we have to be a
4 little bit careful in terms of trying to be supportive
5 but to recognize that, that's still an unanswered
6 question about where that's going to reside.
7 So it's interesting, we're getting a lot
8 (b)(5) [redacted]
9
10
11 then we hear other reports that Chuck Casto did a
12 great job, but he was the only representative
13 yesterday talking to their Cabinet.
14 [redacted]
15 (b)(5)
16
17 So the
18 press got to Chuck a little bit yesterday.
19 So, it's a little bit around your
20 question, but we are very sensitive to roles and
21 responsibilities here. (b)(5) [redacted]
22 And then, we're looking
23 to not take on the federal role, (b)(5) [redacted]
24 (b)(5) [redacted]
25 But on the other hand, if there's

1 something that we can do to help facilitate mitigating
2 this event, we, you know, we want to be able to be
3 supportive. And if that means we'll involve more
4 federal agencies than what we're doing to make sure
5 that we've got everybody's buy-in, we'll do that, but
6 we just want to make progress here as well.
7 MR. FRANOVICH: Okay, yes, it's a slippery
8 slope here. As we, if we increase effort and, you
9 know, you get a closer to, well maybe you're it.
10 MR. ZIMMERMAN: Yes, I think the
11 Chairman's working that personally. And I think they
12 were, you know, as of yesterday what I had heard is
13 (b)(5) [redacted]
14
15 in trying to get the barge over to Japan.
16 So, we'll look at being a little less
17 committal tonight. We'll just try to understand
18 exactly what they're asking of us and sort it out from
19 there.
20 MR. FRANOVICH: Okay. The stream of data
21 that we have, does that capture all six units?
22 MR. BORCHARDT: It captures, likely a
23 number of units, I thought data for Units 1 and 2, and
24 I'm just assuming that the spreadsheet had individual
25 data for a number of different units.

1 MR. ZIMMERMAN: It hasn't been translated
2 fully.
3 MR. BORCHARDT: It hasn't been translated.
4 MR. FRANOVICH: Okay. But do we still
5 have a rep in the Op Center that, at one time we had a
6 fellow who I think was on rotation at NRC actually,
7 from JNADS or NISA?
8 MR. ZIMMERMAN: Yes, we do have somebody
9 on shift who does translation for us.
10 MR. FRANOVICH: Okay. I guess it's --
11 MR. ZIMMERMAN: That person is from the
12 State Department.
13 FEMALE PARTICIPANT: (b)(5) [redacted]
14 (b)(5) [redacted]
15 MR. FRANOVICH: Right, I mean, that might
16 (b)(5) [redacted]
17
18
19 MR. ZIMMERMAN: I think Bill's got it,
20 he's got to work it.
21 MR. FRANOVICH: Okay.
22 MR. BORCHARDT: We had to use the State
23 Department translator, and actually Google Translate
24 is pretty doggone good.
25 MR. FRANOVICH: Is it really? Okay.

1 MR. BORCHARDT: Yes, to translate this.
2 It's really pretty amazing. We had one of our younger
3 folks here, in about 15 seconds, it was pretty
4 amazing.
5 MR. FRANOVICH: Wow. Great, well thank
6 you. I don't have any other questions right now.
7 MR. ZIMMERMAN: Good, anybody else?
8 MR. ROGGE: Roy, this is John Rogge, the
9 Region I Duty Officer. [redacted]
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13 (b)(5)
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17 They, you know, we look at them here, but
18 (b)(5) [redacted]
19
20
21 support.
22 MR. ROGGE: I think I may, I don't want to
23 confuse you (b)(5) [redacted]
24 (b)(5) [redacted]
25

1 MR. ZIMMERMAN: Oh, okay, I'm sorry. I

2 (b)(5) [redacted]

3 (b)(5) [redacted]

4 MR. ROGGE: I agree, those are interesting

5 too.

6 MR. ZIMMERMAN: Yes.

7 MR. ROGGE: But I understood that wasn't,

8 (b)(5) [redacted]

9

10 MR. ZIMMERMAN: Right.

11 MR. ROGGE: But --

12 (Crosstalk)

13 MR. ROGGE: -- on the morning call they

14 said that they were posted, either a SharePoint site

15 or a link. My manager would like to see them if

16 they're available. But if they're not, then they're

17 not.

18 MALE PARTICIPANT: Aren't SharePoints like

19 a --

20 MR. FRANOVICH: They are posted. This is

21 Mike Franovich again. They are posted I believe on

22 NRR SharePoint site.

23 MR. ROGGE: Okay.

24 MR. FRANOVICH: There are about 263

25 photos.

1 MR. ROGGE: How many?

2 MR. FRANOVICH: 263 photos.

3 MR. ROGGE: Oh, that's way more than 90, I

4 guess.

5 MR. FRANOVICH: There were a significant

6 number that were downloaded overnight last night.

7 MR. RULAND: John?

8 MR. ROGGE: Yes?

9 MR. RULAND: John Rogge, this is Bill

10 Ruland. If you have any problems with obtaining any

11 information that you believe is, you should be able to

12 go to, talk to Bob Nelson (phonetic) in NRR. He's

13 running our communication team.

14 MR. ROGGE: Okay.

15 MR. RULAND: And he can direct you to

16 where you can go get the information.

17 MR. ROGGE: Yes, thank you. One other

18 questions is, those barges in the Navy, they're in

19 Hawaii is where they are?

20 MR. ZIMMERMAN: We believe so. We'll

21 learn for sure during the 9 o'clock phone call.

22 MR. ROGGE: Okay.

23 MR. ZIMMERMAN: The phone call's emanating

24 from Hawaii, and I got the impression that may be

25 where the barges are, but take that liberally at this

1 point.

2 MR. ROGGE: Yes.

3 MALE PARTICIPANT: The barges professional

4 at --

5 MALE PARTICIPANT: We heard yesterday that

6 it was 36 to, yesterday at about this time, they were

7 36 to 48 hours away.

8 MALE PARTICIPANT: Okay.

9 MALE PARTICIPANT: That's what we heard

10 last night. I just heard the time, 36 --

11 MR. ZIMMERMAN: We'll be smarter at 9:00

12 and we'll put what we learn in the Sitrep for 06:00.

13 MR. ROGGE: Okay, thank you.

14 MR. ZIMMERMAN: Any other questions?

15 MR. CASTLEMAN: Yes, this is Pat

16 Castleman. Do we have any update on (b)(5)

17 (b)(5)

18 MALE PARTICIPANT: (b)(5)

19 MR. CASTLEMAN: Yes. Right.

20 MALE PARTICIPANT: You know, actually,

21 just for the record, you know, it was a guy named

22 Brown here in the Incident Response Center doing the

23 first sketch of that system.

24 So I would call it the NRC-inspired system

25 as opposed to (b)(5) But clearly they've

1 done a lot of additional work on this matter, and
2 they've refined it, and they're going to make it work.
3 You know, early on the Reactor Safety Team
4 was doing significant logistics with this thing. And
5 we've now got out of that business and Bill Cook at
6 the site is now on, excuse me, in Japan is the
7 logistics person that's working that system.
8 So fortunately we're not, we don't need to
9 keep up, plant, you know, the status of that system.
10 But it's my understanding the Japanese are going to
11 use at least parts or all of it.
12 MR. ZIMMERMAN: The little bit I'd add is,
13 I hear talk about staging, and training, and those
14 types of things, so I think in the next couple of days
15 that's what they're looking at doing. They had to
16 wait for the third plane to arrive with the last bit
17 of fittings, and now they'll do the staging and so
18 forth, and then decide how they want to use it.
19 MR. CASTLEMAN: Okay, thanks. The next
20 question I have is, on Unit 3 in that spent fuel pool,
21 do we have any indication that that spent fuel pool is
22 actually leaking and able to hold water?
23 MALE PARTICIPANT: What we do know is that
24 the spent fuel pool, at least as we understand it now,
25 has low water level and we've heard that from various

1 sources, from the Japanese. The Japanese have been
2 pumping seawater into the spent fuel pool, via the
3 cooling and purification line.
4 And we got that information from NISA, so
5 we believe at this point, that the fuel pool is in
6 fact heating up, but it's adequately cooled. We also
7 believe, so that of course implies that we believe
8 there is some water in the spent fuel pool.
9 You know, we do believe that based on
10 information from TEPCO and identification of neutron
11 sources, you know, found at the one mile from the
12 plant that some fuel may have been injected from that
13 spent fuel pool when the hydrogen, when they had the
14 hydrogen explosion. So, but that's just based on our
15 best available information. So we do believe there is
16 water in the spent fuel pool.
17 MR. CASTLEMAN: Okay, thanks.
18 MR. ZIMMERMAN: Any more questions? Okay,
19 not hearing any more questions, we'll wish you a
20 pleasant evening.
21 MALE PARTICIPANT: Okay, thanks.
22 MALE PARTICIPANT: Thanks very much.
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11 (CONFERENCE CALL INITIATED)
12 (3:10:36)
13 HEADQUARTERS OPERATIONS OFFICER: Chuck
14 Casto from the Japan team is on the bridge.
15 MALE PARTICIPANT: That one will land.
16 MALE PARTICIPANT: (Inaudible)
17 MALE PARTICIPANT: Casto is on.
18 MALE PARTICIPANT: Okay, Chuck.
19 MALE PARTICIPANT: We'll bring the
20 Chairman up on the bridge.
21 MALE PARTICIPANT: Roy, it just so
22 happened that last night the Japanese agreed to
23 provide us five seats embedded at TEPCO. This is
24 where the logistical support team that the Chairman is
25 talking about is going to fit in. Because I think

1 this is just ideal that, you know, all this is coming
2 together at the same time.
3 MR. ZIMMERMAN: So the (b)(5)
4 told NRC the (b)(5) --
5 MALE PARTICIPANT: (b)(5)
6 (b)(5)
7 MR. ZIMMERMAN: Yes.
8 MALE PARTICIPANT: (b)(5) -
9 MR. ZIMMERMAN: (b)(5)
10 federal agency --
11 MALE PARTICIPANT: That's how it's, that's
12 what I was thinking from this phone call.
13 MR. ZIMMERMAN: Okay.
14 MALE PARTICIPANT: He was all excited that
15 he got to the --
16 MR. ZIMMERMAN: Right, right, right. It
17 was up in the air.
18 MALE PARTICIPANT: Yes, but now he's got
19 (b)(5)
20 others. What Chuck's vision is, is we start out with
21 TEPCO. They've offered us the five seats, we need to
22 fill the five seats.
23 MALE PARTICIPANT: Yes --
24 MALE PARTICIPANT: And eventually we'll
25 start backing NRC folks out and start bringing in the

1 (b)(5) [redacted] That would be part of the team.

2 MALE PARTICIPANT: That sounds great.

3 MALE PARTICIPANT: Yes, it's a real

4 breakthrough. And then in parallel, (b)(5) [redacted]

5 (b)(5) [redacted]

6

7

8 MALE PARTICIPANT: Yes.

9 MALE PARTICIPANT: So that'll be another

10 cross check that'll work in conjunction with this

11 group, (b)(5) [redacted] to make sure that all supplies

12 that are coming into Japan and all requests for

13 support that are going out of Japan, are sub-

14 organized.

15 MALE PARTICIPANT: Very good.

16 MALE PARTICIPANT: And funneled through

17 maybe IAEA and communicated to (b)(5) [redacted] team. Now

18 that's really starting to come together.

19 MALE PARTICIPANT: This should all be

20 (b)(5) [redacted] I guess, right?

21 MALE PARTICIPANT: I don't know. The

22 Chairman didn't say. He might --

23 MALE PARTICIPANT: Do we have a 9 o'clock

24 call? With somebody from (b)(5) [redacted],

25 (b)(5) [redacted]

1 Admiral.

2 MALE PARTICIPANT: Okay, but the note

3 that, Chuck, you're on, so correct me --

4 MR. CASTO: Okay, we're on.

5 MALE PARTICIPANT: The notes from your 8

6 o'clock meeting last night would indicate that the

7 Navy is working this pretty aggressively to get that

8 barge in place.

9 MR. CASTO: Yes, Admiral Rowden is going

10 to carry it in there on his back if he has to.

11 MALE PARTICIPANT: Yes, so I'm not sure,

12 we have to figure out how this 9 o'clock fits into the

13 strategies that came out, and discussions and

14 agreements that came out of your 8 o'clock meeting

15 last night.

16 MALE PARTICIPANT: You see that pool, I'll

17 have that jammed full in half an hour.

18 MALE PARTICIPANT: Yes. Hey (inaudible),

19 do you know where the barges are at? Are they in

20 Japan in Hawaii? Or somewhere else?

21 MR. CASTO: There in Japan, Yokosuka.

22 MR. ZIMMERMAN: Okay, so the fact that

23 we've got this inquiry coming out of Hawaii asking for

24 logistical support with the barges --

25 MALE PARTICIPANT: No, Roy. Roy, all

1 you've got, what the Admiral asking for is that NRC
2 advise them.
3 MR. ZIMMERMAN: NRC advise them.
4 MALE PARTICIPANT: He's looking for a
5 liaison. The Admiral (inaudible) is in the Pacific
6 Fleet, a fairly senior Navy guy.
7 MALE PARTICIPANT: Right.
8 MALE PARTICIPANT: Credibly he has asked
9 for a level playing --
10 MALE PARTICIPANT: Right.
11 MR. CASTO: Well he's, Admiral Rowden is
12 the guy he needs to talk to. Admiral Tom Rowden.
13 Admiral Rowden's got this under control.
14 MALE PARTICIPANT: That's sort of the way
15 I read your meeting summary from 8 o'clock's meeting
16 last night.
17 MR. CASTO: Right.
18 MALE PARTICIPANT: (b)(5)
19 (b)(5) he's going to bring his
20 tugs in, he's going to sound the area to make sure he
21 knows what depth and what debris he might have in that
22 area.
23 MR. CASTO: That's correct.
24 MALE PARTICIPANT: I mean it sounds like
25 he really is, yes, you're right he's going to carry us

1 all in on.

2 MR. CASTO: Admiral Rowden, get it done

3 kind of guy.

4 MALE PARTICIPANT: I could see that from

5 the notes.

6 MR. CASTO: Yes.

7 HEADQUARTERS OPERATIONS OFFICER:

8 Gentlemen, the Chairman is on his way to the bridge.

9 MALE PARTICIPANT: Thank you.

10 (Off microphone conversation)

11 CHAIRMAN JACZKO: Hello.

12 MR. VIRGILIO: Chairman, it's Marty.

13 We've got Chuck on the line, and we're ready to talk

14 about the Logistical Support Team.

15 CHAIRMAN JACZKO: Oh good.

16 MR. VIRGILIO: You had asked that we put

17 Chuck on the line when we could and connect you up.

18 CHAIRMAN JACZKO: Great. Hey Chuck, are

19 you there?

20 MR. CASTO: Yes, sir.

21 CHAIRMAN JACZKO: How are you doing?

22 MR. CASTO: We're doing great.

23 CHAIRMAN JACZKO: Good. Well I hope, I

24 know it's taken up a little bit longer than I hoped,

25 but it looks like we'll fairly soon have somebody

1 assigned to do that Logistical Support Team. The idea
2 has got support and I think they're just looking for
3 the person to get it in charge. I know it's later
4 than you wanted, but I think, you know, they're there
5 and they can be there fairly soon and put them to good
6 use.
7 MR. CASTO: Fantastic news.
8 CHAIRMAN JACZKO: Good.
9 MR. CASTO: So we're already getting a lot
10 of good support from Admiral Rowden.
11 CHAIRMAN JACZKO: Good.
12 MR. CASTO: He's doing a wonderful job for
13 us in terms of the pumping system and the (inaudible)
14 barge. And he's definitely on top of that.
15 CHAIRMAN JACZKO: Good. And I think
16 that's where it's going to kind of come from, is
17 somebody from his organization.
18 MR. VIRGILIO: Chairman, this is Marty
19 again. What Chuck told me earlier is that TEPCO has
20 agreed to provide a conference room and five slots for
21 embed.
22 CHAIRMAN JACZKO: Oh good.
23 MR. VIRGILIO: We're starting to connect
24 the dots with this (b)(5) team, that I think this
25 would be a perfect spot for them to locate.

CHAIRMAN JACZKO: Great.

MR. VIRGILIO: So that they can provide direct support to TEPCO.

CHAIRMAN JACZKO: Right.

MR. CASTO: They, I think, Admiral Walsh I

(b)(5)

[redacted]

Admiral Willard yesterday made that fairly clear that, you know, they think somebody should be at J-village and up at the Crisis Management Center. We meet with the Crisis Management Center. We don't have an embed there and we don't have one at J-village either.

But he thought, Admiral Willard, thought that somebody should be at J-village to watch what, you know, what's flowing in and what's flowing out, and help in any way. So the Logistical Support Team would, you know, I could , and Crisis Management Center, and at TEPCO. And those three people will have a, you know, the clearest view of what the needs are.

CHAIRMAN JACZKO: Right. Oh good, good.

1 All right.

2 MR. CASTO: And then at the Cabinet
3 meeting, both nights, the night before last and last
4 night, we all reaffirmed that all requests would go
5 through the Cabinet meeting and they are to, they, the
6 Japanese are going to present us with a spreadsheet of
7 needs.

8 We have already developed a spreadsheet.
9 We did that overnight. Allan Blamey filled up a
10 spreadsheet. We're going to marry those two
11 spreadsheets up, and make sure we're keeping track of,
12 you know, all the needs and what's coming in, what's
13 flowing in, and what the needs are.

14 CHAIRMAN JACZKO: Right.

15 MR. CASTO: Additionally, they agreed last
16 night to share data for the PAGs. We came to
17 consensus on the PAGs yesterday, it was a hell of a
18 working group. And then according to them we, last
19 night they said, okay, you know, we think we
20 understand where we're at with PAGs, now we'd like to
21 meet with you all.

22 And I've asked DOE to take the lead, (b)(6)
23 (b)(6) to take the lead in sharing the
24 data and making sure that we understand their
25 assumptions, and share our sampling with them. And

1 then, so I would imagine over the next two days we're
2 going to, we'll try to come into alignment on the
3 protective measures area.
4 CHAIRMAN JACZKO: Great, excellent.
5 That's great. That's great, great work Chuck.
6 MR. CASTO: But it's been, yes. It's a
7 good team. DOE's done a great job. They essentially
8 agreed to take the pumping system last night. The
9 engineers are being trained, I think this morning.
10 And at 1700 or 1300, somewhere this
11 afternoon, SDF will have eight tractor trailers down
12 at Yokota and they'll convoy up to J-village.
13 Meanwhile, Admiral Rowden is doing, as Marty said, is
14 doing the characterization of the bay, the forebay,
15 and identifying a laydown area for the equipment.
16 CHAIRMAN JACZKO: Great.
17 MR. CASTO: The original waterline that
18 the licensee, they that, I'm sorry, that TEPCO
19 reinitiated from the dam, apparently is not sufficient
20 for what they need.
21 CHAIRMAN JACZKO: Okay.
22 MR. CASTO: You know and they need another
23 source. They have to have another source, another
24 pumping source, so. Our, this system that we have
25 will hopefully fit right in and give them some more

1 sustainable supply of water and pumps.

2 CHAIRMAN JACZKO: Okay, good.

3 (Crosstalk)

4 MR. CASTO: (Inaudible) a tremendous job

5 putting all that together. It's been a rough road but

6 he, you know, he kept focused and he did a wonderful,

7 I can't, you know, praise him enough.

8 CHAIRMAN JACZKO: Who did that, I'm sorry.

9 MR. CASTO: Bill Cook. Bill Cook, our

10 Bill Cook. He, I'll tell you, even the General down

11 there at Yokota, she wants him back down there to do

12 some work with them in terms of, you know, informing

13 their staff, town hall kind of meetings and, you know,

14 I got word from one of her staff officers that his

15 comportment down there with the Japanese, and with the

16 press, and with the Aussies, and all the people that

17 were down there, you know, was a calming effect and

18 brought everybody together.

19 CHAIRMAN JACZKO: Good.

20 MR. CASTO: He did a wonderful job with

21 that. We owe him a lot.

22 CHAIRMAN JACZKO: Good. Good, that's good

23 to hear. Well, we'll keep working to get what you

24 need. And just so you know, and that there's some

25 discussions, a possibility of kind of bringing in

1 another kind of high level person as well.

2 I'll keep you posted on that. And, you

3 know, again, just give you kind of some more

4 assistance if it pans out. It may not pan out, but

5 it's kind of help.

6 MR. CASTO: I know what you're talking

7 about, Chairman, I spent two and a half hours with

8 eleven stars and an Ambassador yesterday afternoon.

9 That was one of the most interesting meetings of my

10 life. Except for when I meet with you, sir. No, but

11 having eleven stars and an Ambassador sitting across

12 the table from you is definitely some stress.

13 CHAIRMAN JACZKO: Well, and again it's, I

14 just want to reiterate to you, Chuck. If that

15 happens, I want to be absolutely clear with you, that

16 is not at all a reflection on you.

17 MR. CASTO: Oh, I know that. I know that,

18 it was great. It was, you know, they were wonderful,

19 we had an open conversation. I'm just teasing a

20 little bit. But we had an open conversation, but you

21 still realize there's eleven stars sitting on the

22 other side of the table, but we had an open

23 conversation and, you know, it was a great experience.

24 And we gave them the big picture, and it was, it

25 wasn't bad at all.

1 CHAIRMAN JACZKO: Good. Good. So you're
2 doing a great job, and every time I talk to folks they
3 remind me to repeat that to you that folks here are,
4 you know, here to support you, and anything we can do
5 to help you we'll, it may take us a little bit longer
6 than you like, but we'll try and get these things
7 done.
8 MR. CASTO: Well ,we have a great team
9 here and back there as well, sir. The NRC is coming
10 through again.
11 CHAIRMAN JACZKO: Hey Chuck, and let me
12 take this opportunity just to remind you of something.
13 You know every now and then, and I know you're crazy
14 busy and I think that's, hopefully getting this
15 logistic team will help give you a little more time to
16 think, too.
17 And, you know, every now and then take a
18 minute to take a step back and think if, you know,
19 think about what we're missing, think about the things
20 that, you know, long-term, communically we need to be
21 thinking about and don't, you know, don't forget to do
22 that piece of it.
23 MR. CASTO: All right, thank you, sir,
24 I'll do that.
25 CHAIRMAN JACZKO: Good, good.

1 MR. CASTO: I'll take that as some advice
2 to go take a break every once in a while at this park.
3 CHAIRMAN JACZKO: Yes, good.
4 MR. CASTO: All right, thank you, sir.
5 CHAIRMAN JACZKO: Well, have a good day
6 and tell the team they're doing a great job and, you
7 know, eventually we'll get you some rest.
8 MR. CASTO: Oh no problem. I'm doing
9 fine. I'm doing fine with sleep, it's much better
10 this week.
11 CHAIRMAN JACZKO: Good, excellent. Good
12 to hear it.
13 MR. CASTO: Thank you, sir.
14 CHAIRMAN JACZKO: Keep up the good work.
15 MR. CASTO: All right, thank you.
16 CHAIRMAN JACZKO: Take care.
17 MR. CASTO: Marty, I'll give you a call
18 later on now, we have the staff meeting right now.
19 MR. VIRGILIO: Okay Chuck, I'll look
20 forward to it.
21 MR. CASTO: All right, talk to you soon.
22 MR. VIRGILIO: All right, bye now.
23 CHAIRMAN JACZKO: Thanks Marty.
24 MR. VIRGILIO: Thanks Chairman.
25 CHAIRMAN JACZKO: Have a good night.

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11 (CONFERENCE CALL INITIATED)
12 (3:23:49)
13 MR. ZIMMERMAN: Okay. Again it was a
14 little difficult to hear you on the call, but your
15 request is that we dispatch somebody, see Admiral
16 Willard --
17 MR. PICCUTA: Yes.
18 MR. ZIMMERMAN: Housed in Honolulu?
19 MR. PICCUTA: Yes. And initially, the
20 person we've been looking at, apparently through the
21 working level, you know the action officer's level, is
22 a Bill Borchardt, a William "Bill" Borchardt. But I'm
23 not calling to say send Bill Borchardt. My action
24 officers here have.
25 MR. ZIMMERMAN: I think that's unlikely.

1 MR. PICCUTA: Fine.

2 MR. ZIMMERMAN: I'm thinking if you, you

3 know, leave it to us, if there's an individual that we

4 think is a --

5 MR. PICCUTA: No, no, it's totally up to

6 you. I only mentioned the name because you might have

7 been a part of the, or people working for you might

8 have been a part of that. But I'm, what I guess what

9 I want to say is, it may not be obvious sitting in

10 Washington in the NRC, as to what's the relevance of

11 Honolulu and Pacific Command and Admiral Willard.

12 (b)(5)

13

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19

20 (b)(5)

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25 MR. ZIMMERMAN: Okay, and you spoke a

1 little bit about a deputies meeting. Were you talking
2 about (b)(5) the
3 Deputies meeting?
4 MR PICCUTA: Yes.
5 MR. ZIMMERMAN: Okay.
6 MR PICCUTA: If he'd been participating, I
7 know you've got people in there with deputy
8 secretaries and others, I mean, I know that, and where
9 decisions are being made about who's going to do what,
10 and what we're going to do, (b)(5)
11 (b)(5)
12 MR. ZIMMERMAN: Okay. So let me approach
13 it this way for a moment.
14 MR. PICCUTA: Sure.
15 MR. ZIMMERMAN: Help us out a little bit
16 with --
17 MR. PICCUTA: Please.
18 MR. ZIMMERMAN: -- the kind of person you
19 feel would be useful, how long you would see this
20 person to be in Hawaii.
21 MR. PICCUTA: Yes.
22 MR. ZIMMERMAN: And, you know, what do you
23 see is the role of the person, just as you can
24 describe it?
25 MR. PICCUTA: Sure, well, Admiral, there

1 was a D.C. unit day with, I believe the Chairman of
2 the Nuclear Regulatory Commission was briefing on
3 certain matters, right. And between cycles in those
4 D.C.s, there isn't any real way for Admiral Willard to
5 compare notes on what the NRC may be doing or may not
6 be doing.
7 We're in sort of a passive receive mode on
8 what the NRC is up to and what the next steps might
9 likely be. So we want somebody who knows the NRC well
10 enough that they could email back and provide us with,
11 provide Admiral Willard with, sort of real-time, each
12 morning, each afternoon, what the NRC would like to
13 see happen.
14 Is the NRC pleased or frustrated by
15 (b)(5)
16 (b)(5)
17 (b)(5)
18
19 So someone who knows your business,
20 someone who can be reading all the internal email
21 churn of NRC in those areas, and be able to report
22 back to us. How long? Well, you know, the specter
23 hanging out there of something between ten and 19 days
24 is what's hanging out there.
25 When is this situation results in zero

1 anxiety, ten days from now, or increased anxiety nine
2 days from now. You know, but certainly for a week or
3 two, until we get through this initial saltwater to
4 freshwater problem, and that sort of stuff.
5 (b)(5)
6
7
8 going to come up in the next, you guys are the
9 experts. You guys are the, it's your materials that
10 are sort of leading us on this, everything I'm telling
11 you I only know because I've read your materials and
12 it's what I've managed to grasp from it. It may be
13 correct, it may not be.
14 MR. ZIMMERMAN: So let me give you an
15 example. I understand what your saying. Is Admiral
16 Willard in dialogue with Admiral Rowden about moving
17 (inaudible)?
18 MR. PICCUTA: Yes. In fact, Admiral
19 Willard was sitting in a video conference with us
20 today, the entire staff and all the leadership,
21 everybody from Alaska to Japan in a video conference,
22 we do it every day. And he had Tom Rowden sitting
23 next to him.
24 And he referred to Tom Rowden repeatedly,
25 and he had Tom Rowden report to us on the fact that

1 NRC is getting people up to the TEPCO command post 25
2 miles from the reactor site, and that this integration
3 of U.S. Government people and U.S. industry people,
4 and possibly U.S. Military, all in this one command
5 center, with TEPCO and Japanese military, marrying up
6 in the effort.
7 And so, exactly. I mean, now Admiral
8 Willard's going to come back here. He can still talk
9 to Tom Rowden by phone, he can still hear from Tom
10 Rowden in a daily video conference. But we brought
11 in, in the past week we brought in a diesel EI from
12 Oak Ridge.
13 And he has helped our subject matter
14 experts understand what's going on with the aircraft
15 that is monitoring and taking the readings. He's
16 helped with people here to reach back to DOE on, you
17 know, all sorts of issues.
18 We've brought in someone, starting today,
19 who's a boiling water reactor specialist out of
20 somewhere in the Midwest, Indiana I think. Or maybe
21 Wichita. So we're just trying to bring expertise to
22 help people at various levels in the command, but I
23 can see that the highest level of decision making, the
24 highest level of connectivity, both in Washington and
25 in Tokyo, involves the NRC.

1 MR. ZIMMERMAN: Okay.

2 MR. PICCUTA: So that's why, I'm not
3 calling to say we're going need to bring somebody out
4 here to help the staff. I think we need to bring
5 somebody out here to be Admiral Willard's liaison to
6 NRC.

7 MR. ZIMMERMAN: Okay I understand. You
8 gave a good explanation. Let us look at what we can
9 do here, and we'll look at getting back to you. We
10 have a number?

11 MR. PICCUTA: Yes, please. My name is
12 Piccuta, it's P-I-C-C-U-T-A.

13 MR. ZIMMERMAN: Okay.

14 MR. PICCUTA: Dan is my first name. My
15 (b)(6) [redacted]
16 [redacted]

17 MR. ZIMMERMAN: Very good.

18 MR. PICCUTA: Now, if you don't mind, and
19 it doesn't have to be you, sir, but could you give me
20 the email of your executive assistant or somebody,
21 because I'll send an email now to be absolutely sure
22 you, you know, you've got the connectivity back to me
23 if you want to email me.

24 MR. ZIMMERMAN: Okay, why don't you use me
25 for right now.

1 MR. PICCUTA: Sure.

2 MR. ZIMMERMAN: R- , let me change that.

3 Roy.

4 MR. PICCUTA: Roy.

5 MR. ZIMMERMAN: roy.zimmerman@nrc.gov.

6 MR. PICCUTA: That's easy enough. I'll

7 shoot you an email right now so we'll have that

8 connectivity, and, you know, as far as (inaudible), if

9 you decide positively, if somebody's convenient, you

10 can get them on the road for the weekend and we can,

11 you know, have somebody going here.

12 Bottom line about it is if we get too much

13 further close to this, you know, nine, ten days from

14 whatever day it was that, you know, if it starts to

15 get anxious, better that's someone's here to help.

16 MR. ZIMMERMAN: Understood.

17 MR. PICCUTA: (Inaudible) the Japanese

18 Military, U.S. Military connection as incredible

19 positive that we can leverage, along with the U.S.

20 Government and industry.

21 MR. ZIMMERMAN: Understand. Let me ask

22 you a question specific to the freshwater barge.

23 MR. PICCUTA: Yes.

24 MR. ZIMMERMAN: Is it something that the

25 Admirals are working themselves? Have they got what

1 you need?

2 MR. PICCUTA: Yes. In fact Tom Rowden is

3 one of the things he touched on. The barge is there

4 in the hands of the people that need to have it. It's

5 a 32-hour transit to get up to Fukushima. It's going

6 to stop en route to do something, I don't know what

7 exactly. The amount of fresh water capacity that can

8 be pumped every minute, all that stuff is in train and

9 happening.

10 MR. ZIMMERMAN: Okay, very good.

11 MR. PICCUTA: But that's what I mean. NRC

12 experts said, get that fresh water up there. The

13 military makes it happen. That's the kind of

14 connectivity, because Admiral Willard can make that

15 happen.

16 MR. ZIMMERMAN: Understand.

17 MR. PICCUTA: Good.

18 MR. ZIMMERMAN: All right, very good. Do

19 you have any questions for us before we call it a

20 call?

21 MR. PICCUTA: No, I'm just going to

22 continue to hope that people take your advice, and

23 that 20 days from now I'm celebrating my 25th wedding

24 anniversary in Tokyo, which is my intent.

25 MR. ZIMMERMAN: Okay.

1 MR. PICCUTA: All right.

2 MR. ZIMMERMAN: Very good. Good talking

3 with you.

4 MR. PICCUTA: Same, Roy, bye-bye.

5 MR. ZIMMERMAN: All right, have a good

6 night.

7 (Off microphone conversation)

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12 (CONFERENCE CALL INITIATED)

13 (3:35:28)

14 MALE PARTICIPANT: Mr. Picutta?

15 MR. PICCUTA: Hi, this is Dan Picutta out

16 in Pacific Command in Honolulu.

17 MR. ZIMMERMAN: Hi, Mr. Picutta, my name

18 is Roy Zimmerman. I'm the Director of our Operations

19 Center this evening. I have you on the speaker phone

20 with a number of other individuals that make up our

21 Executive Team in response to the events in Japan.

22 MR. PICCUTA: Right.

23 MR. ZIMMERMAN: And we're very interested

24 in how we might be able to help you.

25 MR. PICCUTA: Great. Let me very quickly

1 lay out who I am, why I'm calling, and what we see
2 happening, and how I believe using Pacific Command is
3 something that NRC could be interested in. Certainly
4 we're interested in better connectivity for Admiral
5 Willard to the Nuclear Regulatory Commission. I'm a
6 senior --
7 MR. ZIMMERMAN: You were breaking up a
8 little bit when you first started.
9 MR. PICCUTA: All right.
10 MR. ZIMMERMAN: And then you were not, so
11 we're --
12 MR. PICCUTA: Okay.
13 MR. ZIMMERMAN: Depending on maybe your
14 proximity to the phone?
15 MR. PICCUTA: I don't know, I'm on the
16 landline. But anyway, I'll repeat. I'll lay out for
17 you very quickly who I am and why I'm reaching out on
18 behalf of Admiral Willard.
19 MR. ZIMMERMAN: Go ahead.
20 (b)(5)
21
22
23 I've also been asked by Admiral Willard, 18 months
24 (b)(5)
25

1 (b)(5)
2
3 (b)(5)
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6 purview. Fast forward to the disaster. Thank you all
7 very much for the work the NRC is doing.
8 It's become clear to us, those of us
9 watching the events unfold, that NRC's importance to
10 assisting the Japanese, both the government and TEPCO,
11 to handle this effort. Now that we see that
12 (b)(5)
13 subject matter experts apparently led by NRC,
14 certainly with no one being more important than NRC in
15 that process and industry.
16 We have one set of experts working for the
17 (b)(5)
18
19
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21
22
23
24 Admiral Willard, who is a nuclear trained
25 officer, having commanded aircraft carriers and

1 similar ships, has a certain level of understanding.
2 I can see that his, that we have an ability through
3 the U.S. Military to provide a certain amount of
4 (b)(5) [redacted]
5
6
7 Admiral Willard is going to be back, and
8 he's been working in Japan, he went over to the
9 Embassy yesterday, as you know that your people in
10 Japan met with him, impressed him.
11 He's going to be back here in Hawaii from
12 (b)(5) [redacted]
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18
19 other liaisons do for him with other agencies.
20 (b)(5) [redacted]
21 which is, if he needs to know who and what area is
22 going to make something happen, or someone to act for
23 him to push buttons as I was yesterday and this
24 (b)(5) [redacted]
25

1 (b)(5)

2 And that's a long lead up to, I'm reaching

3 out to you to say, please consider dispatching an

4 appropriate level liaison to Admiral Willard as soon

5 as you can.

6 (CONFERENCE CALL ENDED.)

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