NRC FORM 464 Part I
(03-2018)

U.S. NUCLEAR REGULATORY COMMISSION

RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) REQUEST

NRC	RESPONSE NUMBER
NRC 2018 000073	1

RESPONSE TYPE ☐ INTERIM ☑ FINAL

REQUESTER:	DATE:
Julian Tarver	06/15/2018

DESCRIPTION OF REQUESTED RECORDS:

SECY Papers: 79-246, 79-253, 79-274, 79-298 and 79-313

PART I. -- INFORMATION RELEASED

☐ The NRC has made some, or all, of the requested records publicly available through one or more of the following means: (1) https://www.nrc.gov; (2) public ADAMS, https://www.nrc.gov/reading-rm/adams.html; (3) microfiche available in the NRC Public Document Room; or FOIA Online, https://foiaonline.regulations.gov/foia/action/public/home.

☑ Agency records subject to the request are enclosed.

☐ Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (See Part I.D -- Comments) for a disclosure determination and direct response to you.

☐ We are continuing to process your request.

☑ See Part I.D -- Comments.

PART I.A -- FEES

AMOUNT
$0.00

☐ You will be billed by NRC for the amount indicated.

☐ You will receive a refund for the amount indicated.

☐ Fees waived.

☑ Since the minimum fee threshold was not met, you will not be charged fees.

☐ Due to our delayed response, you will not be charged fees.

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

☐ We did not locate any agency records responsive to your request. *Note*: Agencies may treat three discrete categories of law enforcement and national security records as not subject to the FOIA ("exclusions"). See 5 U.S.C. 552(c). This is a standard notification given to all requesters; it should not be taken to mean that any excluded records do, or do not, exist.

☐ We have withheld certain information pursuant to the FOIA exemptions described, and for the reasons stated, in Part II.

☐ Because this is an interim response to your request, you may not appeal at this time. We will notify you of your right to appeal any of the responses we have issued in response to your request when we issue our final determination.

☐ You may appeal this final determination within 90 calendar days of the date of this response. If you submit an appeal by mail, address it to the FOIA Officer, at U.S. Nuclear Regulatory Commission, Mail Stop T-2 F43, Washington, D.C. 20555-0001. You may submit an appeal by e-mail to FOIA.resource@nrc.gov. You may fax an appeal to (301) 415-5130. Or you may submit an appeal through FOIA Online, https://foiaonline.regulations.gov/foia/action/public/home. Please be sure to include on your submission that it is a "FOIA Appeal."

PART I.C -- REFERENCES AND POINTS OF CONTACT

You have the right to seek assistance from the NRC's FOIA Public Liaison by submitting your inquiry at https://www.nrc.gov/reading-rm/foia/contact-foia.html, or by calling the FOIA Public Liaison at (301) 415-1276.

If we have denied your request, you have the right to seek dispute resolution services from the NRC's Public Liaison or the Office of Government Information Services (OGIS). To seek dispute resolution services from OGIS, you may e-mail OGIS at ogis@nara.gov, send a fax to (202) 741-5789, or send a letter to: Office of Government Information Services, National Archives and Records Administration, 8601 Adelphi Road, College Park, MD 20740-6001. For additional information about OGIS, please visit the OGIS website at https://www.archives.gov/ogis.

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PART I.D -- COMMENTS

Please note:

The records you are seeking were already provided in response to FOIA/PA 2017 0034.

Since you stated that you do not have access to a computer, the NRC is providing courtesy copies.

Signature - Freedom of Information Act Officer or Designee

Stephanie A. Blaney

Digitally signed by Stephanie A. Blaney
Date: 2018.06.15 10:04:12 -04'00'

UNITED STATES
NUCLEAR REGULATORY COMMISSION

April 5, 1979

INFORMATION REPORT SECY-79-246

For: The Commissioners

From: T. A. Rehm, Assistant to the Executive Director for Operations

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING MARCH 30, 1979

A summary of key events is included as a convenience to those Commissioners who may prefer a condensed version of this report.

Contents	Enclosure
Administration	A
Nuclear Reactor Regulation	B*
Standards Development	C
Nuclear Material Safety and Safeguards	D
Inspection and Enforcement	E*
Nuclear Regulatory Research	F*
Executive Legal Director	G
International Programs	H
State Programs	I
Management and Program Analysis	J
Controller	K
Calendar of Significant Events	L
Items Approved by the Commission	M
Calendar of Speaking Engagements	N

T. A. Rehm, Assistant to the
Executive Director for Operations

Contact:
T. A. Rehm
49-27781

*No input this week
**Deleted from Commissioners and PDR copy

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WEEKLY INFORMATION SUMMARY

Week Ending March 30, 1979

10 CFR 20.205

On March 23, the EDO denied a petition for rulemaking that requested the NRC to revise 10 CFR 20.205(c)(2) to specify radiation levels at 5 centimeters from the external surface of a package (instead of on the surface of the package) of radioactive material and specify an area over which the radiation levels may be averaged. Denial was based on the grounds that adoption of the request would lead to cost increases without corresponding benefits of improving public health and safety and, in fact, would result in a higher collective hand dose for package handlers.

Integrated Safeguards Information System (ISIS)

On March 26, a Commission paper treating proposed action on ISIS was sent to the Safeguards Information Group for coordination. The paper is expected to be forwarded to the EDO next week.

Trojan Nuclear Plant (Control Building Proceeding)

On March 27, the Trojan Appeal Board (Control Building) issued a decision summarily affirming the Atomic Safety and Licensing Board's partial initial decision (PID) which authorizes interim operation prior to modifications to upgrade the seismic capability of the Control Building.

Technical Notification

Foreign nuclear regulatory authorities are being fully apprised of the Three Mile Island situation which has generated intense interest abroad.

Hearings Suspended

Governor Carey of New York has asked the New York siting board to suspend its hearings on the Long Island Lighting Company's applications for two nuclear facilities at Jamesport.

Response to Congressional Budget Questions

Revised responses to questions from Dingell and the February 5 Hart and Simpson budget review hearings have been completed and sent to the Office of Congressional Affairs.

Caseload Planning Projections

Caseload Planning Projections for FY 1981-85 were sent to Office Directors for their use in the FY 81 budget process.

OFFICE OF ADMINISTRATION

Week Ending March 30, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	Initial Request	Appeal of Initial Decision
Received	123	11
Granted	56	2
Denied	16	4
Pending	51	5

ACTIONS THIS WEEK

Received

Ellyn R. Weiss, Sheldon, Harmon, Roisman and Weiss, Counsel for UCS (79-86)	Requests documents relating to Task Action Plans A-40 and A-41 and documents written by H.R. Denton and Carl Stepp on seismic issues and inspection reports for Beaver Valley.
William F. Lee, Hale and Door (79-87)	Requests correspondence between NRC and Marshall E. Deutsch, Louis W. Mead, Mead Diagnostics and/or Thyroid Diagnostics, and documents relating to any inspection, investigation or failure to comply with NRC regulations.
Lawrence W. Plitch, New England Regional Energy Project (79-88)	Requests documents pertaining to the March 13 shutdown of 5 nuclear power plants, including a copy of a LER report submitted by Beaver Valley and information supporting NRC contention that Stone & Webster erred in its analysis.
Thomas Lookabill, NUS Corporation (79-89)	Requests a list of contracts dealing with low level waste management, including name of contractor, contract number, and brief description of scope or purpose of the contract.
William G. Margetts, Government R&D Report (79-90)	Requests a copy of a mailing list maintained by the NRC for public announcements to the research and development community.

CONTACT: J. M. Felton
492-7211

ENCLOSURE A

Received, Cont'd

Barbara J. Bensel, FOI Services, Inc. (79-91)	Requests a list of the names and addresses of "companies doing radiation sterilization in Puerto Rico".
Barbara J. Bensel, FOI Services, Inc. (79-92)	Requests a copy of a list of companies "license to build facilities for radiation sterilization in Puerto Rico".

Granted

Betty J. Rivers, (79-49)	In response to a request for documents related to losses, material unaccounted for, and/or inventory differences of source and special nuclear material at the Babcock & Wilcox facility at Apollo, Pennsylvania, informed the requester records relating to this request are already located in the PDR.
Frazier Bronson, Radiation Management Corporation (79-52)	In response to a request for a copy of the docket file on four licensees, made available the records at 7915 Eastern Avenue, Silver Spring (Willste Building).
Thomas B. Cochran, Natural Resources Defense Council, Inc. (79-68)	In response to a request for copies of the exchange of correspondence between KMC and the NRC related to the "two-man rule" referenced in the Weekly Information Report of January 12, made available nine documents.
David Perkins, Libre School, Inc. (79-71)	In response to a request for a copy of Dr. Hanauer's "nugget file", the Draft EIS on the Gas Hills Uranium Mill, NUREG-CR-0308, and documents on radioactive waste disposal areas in the U.S., made available 10 documents. Informed the requester Dr. Hanauer's "nugget file" may be purchased by writing directly to the PDR.
W. H. Bundy, Jr. Howe & Howe (79-73)	In response to a request for a list of individuals and organizations involved with nuclear material at the Charleston, South Carolina Naval Shipyard, informed the requester the NRC has no such listing, but it may be obtained from the Department of Navy, Charleston Naval Shipyard, Charleston, SC.

Granted, Cont'd

Gary Wallin, Citizens United for Responsible Energy Utility Action Project (79-74)	In response to a request for a copy of the Pipe Crack Study Group Report, made available three documents.
(An individual requesting information about himself) (79-80)	Made available to the requester documents concerning his Reactor Operator License written and oral examinations.

Denied

Thomas B. Cochran, Natural Resources Defense Council, Inc. (79-67)	In response to a request for the first Annual Report to Congress on Domestic Safeguards (FY 78), denied portions of Appendix G of the report which contains classified information.

DIVISION OF CONTRACTS

Week Ending March 30, 1979

PROPOSALS UNDER EVALUATION

1. RFP RS-NMS-79-028
   Title - Development of Improved Techniques for Analyzing Material Control and Accounting Data
   Description - Assist the NRC in applying the inventory difference simulation model to two major operating strategic special nuclear material fuel cycle facilities designated by the NRC.
   Period of Performance - Eight and one-half months
   Sponsor - Office of Nuclear Material Safety and Safeguards
   Status - Best and Final Offers due April 3, 1979.

ADMINISTRATIVE MATTERS

Negotiations have been completed with the Canadian Commercial Corporation, an agency of the Canadian government, to establish a contract under which the Commission will have access to the Eastern Canadian Telemetered Network (ECTN) and which will provide for increased seismic information exchanges between the U.S. and the Canadian governments. This will be of benefit in evaluating the causes of eastern North America seismicity, as many of the geologic structures and areas of earthquake occurrence are common to both the U.S. and Canada. The Canadian seismic monitoring system, the ECTN is operated by the Canadian Department of Energy, Mines and Resources (CDER).

NRC offices involved in the negotiations were:

1. Office of Nuclear Regulatory Research

2. Office International Programs

3. Office of the Executive Legal Director

4. Division of Contracts

The Canadian government has established the Canadian Commercial Corporation to handle foreign contract arrangements such as the proposed contract and business matters and administrative contact with the Canadian government must be through this agency. The technical scope of work, however, will be performed by the Canadian Department of Energy, Mines and Resources.

Status - A fixed price contract is now being prepared for transmittal to the Contractor. The start date for this new contract is April 1, 1979. The fixed cost to the Commission for this program is $150,000.00 Canadian per year over a five year period.

ENCLOSURE A

ITEMS OF INTEREST

DIVISION OF SECURITY

WEEK ENDING MARCH 30, 1979

Control of Official Use Only Information

Procedures governing the protection of official use only information withheld from public disclosure under exemptions of the Freedom of Information Act and Privacy Act have been forwarded to MPA for publication.

JNAI-NRC Classification Security Agreement

Division of Security, Office of the Executive Legal Director, and Division of Fuel Cycle and Material Safety personnel met and discussed a proposed Jersey Nuclear-Avco Isotopes (JNAI)/Nuclear Regulatory Commission Classification and Security Agreement. JNAI is performing independent, private funded research, development and experimental work to develop a commercial laser isotope separation system, principally for production of low-enriched uranium for use as fuel in civilian light water reactor nuclear electric power plants.

ENCLOSURE A

DIVISION OF TECHNICAL INFORMATION AND DOCUMENT CONTROL*

Week Ending March 30, 1979

TRANSLATIONS

The following translations were received by the Division of Technical Information and Document Control during the week of March 26-30, 1979. Copies of these translations will be available in the Library.

German

37/65. Corrosion Phenomena on Stainless and acid-Resistant Steels. Dr. Heinz Jesper and Günter Grützner, Stahlwerke Sudwestfalen AG, F. R. Germany. April 1965. 37 pages.
Cost of translation: $366.45. (TIDC 525)

Italian

CNEN-RT/RISP(78)2. Safety Criteria for Large Industrial Plants. R. Mezzanotte, C. Silvi, G. Tenaglia. Report submitted to the XXIII Nuclear Congress - "Le Techniche Nucleari per il Progresso Industriale", (Nuclear Techniques for Industrial Progress), held in Rome on March 16-17, 1978. 27 pages.
Cost of translation: $545.00. (TIDC 506)

Individual Decision-Making Analysis and Balance Sheet of the Costs and Social Benefits: Similarities and Differences. R. Mezzanotte and G. Tenaglia. National Nuclear Energy Committee. CNEN, Direzione Centrale Sicurezza Nucleare Protezione Sanitaria, Rome. May 1978. 31 pages.
Cost of translation: $522.00. (TIDC 524)

RT/Disp(77)7. Safety of Light-Water Nuclear Power Plants: A method for Estimating the Consequences of Low-Probability accidents. F. Felicetti, R. Galvagni. Comitato Nazionale Energia Nucleare, Rome. November 1977. 45 pages. Cost of translation: $477.60. (TIDC 523).

Japanese

JAER-M 7315. Radiation Damage of Polymer Materials. I. Simulation Studies on Distribution of Oxygen Concentration in Polymer Film under Irradiation in Oxygen. Tadao Seguchi, Shoji Hasimoto, Waichiso Kawakami, Esamu Kuriyama. Japan Atomic Energy Research Institute, Tokai Mura, Naka-gun, Ibaraki-Ken, Japan. October 1977. 41 pages.
Cost of translation: $ 480.00. (TIDC 535).

ENCLOSURE A

DIVISION OF TECHNICAL INFORMATION AND DOCUMENT CONTROL CONTINUED...*

DOCUMENT CONTROL SYSTEM

2683 douments were placed into the DCS this week. This includes 782 documents which were enclosures to the basic documents. Entering enclosure documents as separate documents is a first step toward solving the backfit problem.

*This entry deleted from PDR copy.

ENCLOSURE A

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING MARCH 30, 1979

1. Meeting with House Subcommittee on Labor Standards Staff: On March 26, 1979, NRC representatives met at his request with Mr. Earl Pasbach, Staff Director-Counsel of the House Subcommittee on Labor Standards for the Committee on Education and Labor. The meeting was apparently one of the first this Subcommittee's staff is holding in preparation for a hearing the Subcommittee has scheduled for May 23 and 24, 1979. The hearing will be on the health effects of occupational exposure to all forms of radiation, with particular emphasis on worker care and compensation considerations. The staff member was briefed on NRC's authority, responsibilities and current activities in this area. The HEW-chaired Interagency Task Force on Ionizing Radiation was discussed and copies of its recently released draft Work Group Reports were provided to Mr. Pasbach, along with pertinent NRC publications. Mr. Pasbach indicated that they plan to meet with other Federal agencies, that they may ask to meet with the NRC representatives again before the hearing, and that they will certainly be asking the NRC to testify at the hearing.
[Karl Goller]

2. Meeting with EPA - March 27, 1979: Another in a series of meetings between EPA and NRC:SD staff regarding a public hearing on occupational radiation exposure standards was held on March 27, 1979. Staff members from the Department of Labor, Occupational Safety and Health Administration (OHSA) also participated in the meeting.

   EPA staff members presented a preliminary draft of an advance notice of hearing. The draft was discussed briefly and it was agreed that EPA would circulate a revised draft notice by March 30, to be finalized at another meeting on April 4. EPA is now projecting that their new draft guidance will not be ready for publication in the Federal Register until "mid-summer." This is a change from the May 15 date previously estimated.

   OSHA staff members recommended the inclusion of HEW as a cosponsor of the hearing, primarily because of the role of NIOSH as OSHA's research arm. After considerable discussion, it was agreed that EPA would send a letter inviting HEW to participate in the hearing by presently testimony, but not as a cosponsor.

   There was some discussion of the composition of the hearing panel. It was agreed that the Chairman should be an EPA hearing officer with legal background. EPA, NRC and OSHA would assign technical members. There was no decision regarding further composition of the hearing panel.
[R. A. Purple]

ENCLOSURE C

3. On March 23, 1979, the Executive Director for Operations denied a petition for rulemaking (PRM 20-9) that requested the NRC to revise 10 CFR 20.205(c)(2) to specify radiation levels at 5 centimeters from the external surface of a package (instead of on the surface of the package) of radioactive material and specify an area over which the radiation levels may be averaged. The purpose was to minimize inconsistencies in radiation levels recorded for the same package by different persons. By letter dated March 23, the EDO informed the petitioner, Tech/Ops, of the denial on the grounds that adoption of the request would lead to cost increases without corresponding benefits of improving public health and safety and, in fact, would result in a higher collective hand dose for package handlers. The NRC staff is now developing a regulatory guide explaining the requirements in 10 CFR 20.205(c)(2) and proposing a surface radiation level measurement method acceptable to NRC.
[Robert Barker]

4. SD staff met with representatives of the Department of Transportation, NMSS, RES, and IE on March 28, 1979, to discuss preliminary proposals for NRC advice to DOT on highway routing of radioactive material shipments. Proposals were explored for avoiding heavily populated areas while using the safest types of roads. NMSS-Safeguards staff discussed preliminary ideas on protection of spent fuel shipments from sabotage in heavily populated areas.

   Plans were also confirmed for DOT and NRC to participate in a briefing on April 20, 1979 by Sandia Laboratories on current developments in the NRC-funded Urban Area Environmental Impact Analysis. The briefing was planned to provide current input to the development of highway routing proposals. Prior to the briefing, the same NRC and DOT personnel are participating in a Department of Energy seminar in Albuquerque on the current activities and goals of its Transportation Technology Center at Sandia Laboratories.
[Robert Barker]

5. On March 28, R. Bernero, SD, testified at the Federal Energy Regulatory Commission (FERC) rate hearing for Connecticut Yankee. The subject of the testimony was NRC regulations, policies and analyses regarding decommissioning of power reactors. Mr. Bernero was accompanied by M. Staenberg of ELD. He testified at the request of the pending administrative law judge.

Regulatory Guides to be Issued in the Near Future

1. Title: Atmospheric Dispersion Models for Potential Accident Consequence Assessments at Nuclear Power Plants

   Expected Issuance Date: July 1979

   Description: Describes atmospheric dispersion models to be used in assessing potential accident consequences for nuclear power plants, for the determination of site acceptability as set forth in 10 CFR Part 100.

   Contact: R. Kornasiewicz

2. Title: Applications of Bioassay for I-125 and I-131 (Reg. Guide 8.20, Rev. 1)

   Expected Issuance Date: June 1979

   Description: This guide provides criteria acceptable to the NRC staff for the development and implementation of a bioassay program for any licensee handling or processing I-125 or I-131.

   Contact: A. Brodsky

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending March 30, 1979

Export of Research and Test Reactors

A representative of the Fuel Cycle Division attended a meeting called by the Department of State, Office of Export Studies, to discuss the environmental impacts of U.S. exports of research and test reactors. The meeting was also attended by representatives of DOE and ACDA. DOS requested that all assignments be completed by the next meeting, which is scheduled for April 13, 1979.

Integrated Safeguards Information System (ISIS)

On March 26, 1979, a Commission paper treating proposed action on the Integrated Safeguards Information System (ISIS) was completed and sent out for coordination by the Safeguards Information Group. The paper is scheduled for submission to the EDO next week.

Material Control, LEMUF and MUF Simulation (MCLAMS)

Members of the Safeguards Material Control and Accountability Development Branch presented a briefing on March 26, to the staff on the Application of Material Control, LEMUF and MUF Simulation (MCLAMS) Model to NFS-Erwin facility data. The briefing reviewed the results of application of the model to inventory difference data for the period February 1977 thru November 1978. This analysis developed a hypothesis, supported by the simulation results, of the causative agents for the inventory differences experienced by the facility.

Meeting with Dupont (SR) and Sandia Personnel Regarding AFR Spent Fuel Storage Safeguards

Members of the Division of Safeguards met with representatives of Dupont and Sandia to discuss safeguards issues related to DOE's proposed construction of a spent fuel storage basin at Savannah River. Existing NRC requirements for physical protection and potential impacts of 10 CFR Part 75 (U.S. Implementation of IAEA Safeguards) were discussed.

ENCLOSURE D

Industry/NRC Seminar on Upgrade Rule Guidance

An Industry/NRC Seminar on Upgrade Rule Guidance products was conducted on March 27 and 28 at the Defense Industrial Security Institute of Richmond, Virginia. The seminar focused on the products of the Upgrade Rule Guidance Development Working Group, which prepared three major volumes of technical guidance for public comment.

OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

FOR THE WEEK ENDING MARCH 30, 1979

Trojan Nuclear Plant (Control Building Proceeding)

On March 27, the Trojan Appeal Board (Control Building) issued a decision (ALAB-534) summarily affirming the Atomic Safety and Licensing Board's partial initial decision (PID) of December 21, 1978. The PID authorizes interim operation prior to modifications to upgrade the seismic capability of the Control Building. Such interim operation is subject to conditions which reduce the OBE level for the operation period, prohibit modifications which would weaken the Control Building shear walls and require prior minor modifications to pipe supports and restraints. The Appeal Board adhered to its determination in ALAB-524 denying a stay of the effectiveness of the PID that there was no showing by intervenors on appeal that the Licensing Board erred in finding that, given the conditions it was imposing upon interim operation, there was the requisite reasonable assurance that such operation would not produce a seismic-related danger to the public health and safety. The Appeal Board also noted a patent lack of merit to the intervenor's challenges to a number of ancillary rulings of the Licensing Board.

ENCLOSURE G

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING MARCH 30, 1979

INTERNATIONAL COOPERATION

Technical Notification

IP, through Department of State and GSA channels, has been keeping foreign nuclear regulatory authorities fully apprised of the Three Mile Island situation which has, of course, generated intense interest abroad. It has apparently been headlined by all major foreign newspapers. We have also fielded many telephone requests for the absolute latest available information from both local and American Embassies overseas. We have assured all that the information is being passed just as soon as we receive it.

EXPORT/IMPORT AND INTERNATIONAL SAFEGUARDS

U.S. Action Plan Working Group Meeting (APWG)

On March 23 members of the staff (Ken Cohen, IP, Ted Sherr, and Ben Easterling, NMSS) attended a meeting at the State Department of the APWG. The principal focus of the meeting centered on the review of several work plans and the status of others. An information paper providing a more detailed description of the two APWG meetings held in March is being forwarded to the Commission. The next scheduled meeting will be on April 24.

ALI-ABA Meeting on Export Controls

On March 28-29, members of the IP staff attended a meeting in Washington organized by the American Law Institute and the American Bar Association (ALI-ABA) on the subject of nuclear export controls. Presentations were given by U.S. and foreign attendees who focused in general on the results of the first year's experience in implementing the export control provisions of the Nuclear Non-Proliferation Act of 1978. Major addresses were given by Commissioner Kennedy and Assistant Secretary of State Thomas Pickering.

Upgrade Rule Guidance Seminar

An IP representative participated in the NRC Upgrade Rule Guidance Seminar March 27-28 in Richmond, Virginia.

ENCLOSURE H

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING MARCH 30, 1979

General

Governor Carey of New York has asked the New York siting board to suspend its hearings on the Long Island Lighting Company's applications for two nuclear facilities at Jamesport. The hearings have been in progress since 1974. During the recent campaign, Governor Carey promised that "Jamesport will never be built."

Program Development

Frank Young met with officials in Michigan on Tuesday, March 27, to discuss water quality and general agreements on memorandum of understanding. They seem interested and are proceeding with active consideration.

State Agreements

A training course on Safety Aspects of Industrial Radiography will be given at Louisiana State University during the week of April 9, 1979. This will be a cooperative program with 9 State personnel and 7 NRC-IE personnel attending.

W. Kerr will meet with Utah officials on April 10, 1979 to discuss the Agreement State Program.

ENCLOSURE I

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

Week Ending - March 30, 1979

Research Project Control System (RPCS)

Completed General Requirements Document for Research Project Control System (RPCS). This document outlines plans for development of a project control system for the Office of Research. While greatly alleviating present manual efforts, the system will provide more information in a more efficient manner for project control. The system will interface with the Decision Unit Tracking System and the Buff Books.

Decision Unit Tracking System (DUTS)

Completed the General Requirements Document which outlines plans for development of an automated system to aid in eliminating the unnecessary manual effort in producing the DUTS reports as well as providing additional information reports.

U.S. vs Japanese Construction Time

Began statistical analyses on duration of construction stages of nuclear reactors to allow unbiased comparisons of U.S. and Japanese construction time.

Response to Questions from Senators Hart and Simpson

Revised responses to questions from the February 5 Hart and Simpson budget review hearings have been completed and sent to the Office of Congressional Affairs.

Caseload Planning Projections

Caseload Planning Projections for FY 1981-85 were sent to Office Directors for their use in the FY 81 budget process.

Response to Questions from Representative Dingell

Forwarded complete package of responses to Representative Dingell's FY 80 authorization questions to the Office of Congressional Affairs.

ENCLOSURE J

Office of the Controller
Items of Interest
Week Ending March 30, 1979

FY 1979 Reprogramming

The initial reprogramming request to Congress (use of FY 1978 unobligated balance carryover) still requires concurrence from the Senate Authorization and Appropriations Committees.

The second reprogramming paper has received responses from four Commissioners.

FY 1979 Financial Review

A review of FY 1979 resource activity with the purpose of arriving at a projected year-end position will take place in May.

FY 1980 Budget

Udall Subcommittee markup was scheduled this week but has been postponed. Hart Subcommittee markup is tentively scheduled for April 27. By law the Authorization Committees are to have their bills reported out by May 15, however, in the past this has not been met.

House Appropriations Committee mark is scheduled for June and Senate Appropriations Committee mark is scheduled for July.

FY 1981-FY 1985 Budget/Plan

The Call for the formulation of this budget/plan was issued on March 30. The due dates are similar to last year; information to ADM by April 27 and the budget/plan to CON by May 25.

Enclosure K

CALENDAR OF SIGNIFICANT EVENTS

For Two Week Period Ending April 16, 1979

April 2-5	Sequoyah - ACRS meeting
April 6	Palo Verde 4 & 5 - ACRS Full Committee meeting to be held

ENCLOSURE L

ITEMS APPROVED BY THE COMMISSION - RECEIVED WEEK ENDING MARCH 30, 1979

A. SECY-79-95 - NON-PROLIFERATION LANGUAGE IN NRC INTERNATIONAL AGREEMENTS (Commissioner Action Item) (Memo, Chilk to Gossick dated 3/23/79)

With reference to my memorandum of March 21, 1979 to you on this subject you are requested to defer action for several days while the Commission considers recently obtained information.

B. SECY-79-2A - APPROVAL OF A PROPOSED LICENSE TO EXPORT MIXED OXIDE FUEL TO FRANCE (LICENSE APPLICATION NO. XSNM-744, SECY-79-2) (Commissioner Action Item) (Memo, Chilk to Gossick dated 3/23/79)

This is to advise you that the Commissioners have reviewed the subject license to General Electric Company. The Commission (with four Commissioners concurring and Commissioner Gilinsky noting without objection) has accepted your recommendation to export to France 2.48 kilograms of plutonium and 61 kilograms of natural uranium in the form of mixed uranium oxide and plutonium oxide as scrap powder and pellets.

In connection with his concurrence, Commissioner Bradford has provided the following comments: "I want to be informed of the physical security regimen that will cover the transporting of this material."

The Office of International Programs was informed of this action by telephone on March 22, 1979.

It is requested that you accomplish the following actions:

1. Provide notification of the issuance and delivery of this license to General Electric by c.o.b. March 26, 1979.

2. Forward a response to Commissioner Bradford's request through the Office of the Secretary by c.o.b. April 6, 1979.

ENCLOSURE M

C. SECY-79-76 - GENERIC ISSUES PRIORITIES (Memo, Chilk to Gossick dated 3/23/79

The Commission notes the Director of Nuclear Reactor Regulation's report on recent actions to establish priorities for the resolution of generic issues. In seeking a valid system for establishing priorities, the actions are likely to improve assurance that NRR's resources are used more effectively. Requesting public comment will be a useful safeguard to assure the process is realistic. The Commission commends these efforts.

Public comment should be requested as soon as reasonably possible. The public announcement of the rating system used for establishing generic issue priorities and soliciting comments on the rating system should include as much information as possible about the system and how it was applied. In particular, and if possible, further description and/or definition of the various rating categories shown in Table 1 of the staff paper and of the process whereby the various issues were rated in each category would be appropriate. Further, when the public announcement is made, it should note that, although both the point value for each category and the point value assigned to each issue in each category are subjective, the resulting total point values for the issues were sufficient to make a meaningful rating, i.e., the relative ratings of the issues were used to identify those issues to which resources should be committed immediately, those to which resources should be committed on a discretionary basis, and those to which commitment of resources should be deferred. Finally, the public announcement should emphasize that the rating system resulted in all issues previously determined to be unresolved safety issues being placed in the highest of these three priority classes.

In view of continuing Congressional interest, the staff is requested to prepare for Commission approval appropriate letters to the Congressional oversight committees outlining the approach being taken to establish priorities for the resolution of generic issues. (SECY Suspense: 4/27/79)

D. STAFF REQUIREMENTS - AFFIRMATION SESSION 79-7, 11:25 A.M., THURSDAY, MARCH 22, 1979, COMMISSIONERS' CONFERENCE ROOM, D.C. OFFICE (Open to Public Attendance) (Memo, Chilk to Gossick, Kammerer, Fouchard dated 3/23/79)

I SECY-79-129 - Proposed Amendment to 10 CFR Part 35, "Human Uses of Byproduct Material," Institutional Radiation Safety Committee

The Commission, by a vote of 4-0*:

1. approved the Notice of Proposed Rule Making that would change the requirement to appoint a medical isotopes committee to a requirement to appoint a radiation safety committee. This proposed amendment is to be published in the Federal Register for a 60-day comment period; (SD) (SECY Suspense: 4/5/79)

*Commissioner Gilinsky noted this item without objection

2. requested that a public announcement be issued when the proposed amendment is filed with the Office of the Federal Register; (OPA) (SECY Suspense: 4/5/79)

3. requested that appropriate Congressional Committees and all medical licensees be informed of this action. (OCA/SD) (SECY Suspense: 4/5/79)

II. SECY-79-148 - Amendments to 10 CFR Part 140 - Increase in Maximum Amount of Financial Protection Available

The Commission, by a vote of 5-0:

1. approved the proposed Notice of Rule Making to increase the level of the primary layer of financial protection required of certain indemnified licensees from $140 to $160 million. This amendment, which is to be published in the Federal Register, is to become effective May 1, 1979; (NRR) (SECY Suspense: 4/5/79)

2. requested that the Subcommittee on Nuclear Regulation, Senate Committee on Environment and Public Works, the Subcommittee on Energy and the Environment, House Committee on Interior and Insular Affairs; and the Subcommittee on Energy and Power, House Committee on Interstate and Foreign Commerce be informed of this action by letter; (OCA) (SECY Suspense: 4/5/79)

3. requested that a public announcement be issued upon filing of the Notice with the Office of the Federal Register. (OPA) (SECY Suspense: 4/5/79)

III. SECY-79-128 - Implementation of Certain Provisions of Public Law 94-197 - Modification of the Price-Anderson Act

The Commission, by a vote of 5-0:

1. approved the proposed Notice of Rule Making amending 10 CFR Part 140 to complete the implementation of PL 94-197. This Notice is to be published in the Federal Register for a 60-day comment period; (NRR) (SECY suspense: 4/5/79)

2. requested that the Subcommittee on Nuclear Regulation of the Committee on Environment and Public Works; the Subcommittee on Energy and the Environment of the Committee on Interior and Insular Affairs, and the Subcommittee on Energy and Power of the Committee on Interstate and Foreign Commerce be informed of this action by letter. (OCA) (SECY Suspense: 4/5/79)

E. STAFF REQUIREMENTS - DISCUSSION OF SECY-79-34A - STAFF'S FINAL REPORT, "REGULATION OF FEDERAL RADIOACTIVE WASTE ACTIVITIES", 9:50 A.M., THURSDAY, MARCH 22, 1979, COMMISSIONERS' CONFERENCE ROOM DC OFFICE (Open to Public Attendance) (Memo, Chilk to Gossick dated 3/23/79)

The Commission discussed the status of the draft report to Congress. The Commission also was addressed by Dale Myers, Under Secretary of Energy; John Deutch, Assistant Secretary of Energy for Energy Technology; and Duane Sewell, Assistant Secretary of Energy for Defense Programs, on DOE views of the report.

The Commission requested:

1. that the revised pages of the staff's final draft report be provided to the Commission. (NMSS) (SECY Suspense: 3/23/79)

Commissioner Bradford indicated that he would submit his revisions to the draft early in the Week of March 26. The Chairman noted that further discussion of the report was scheduled for March 29, and that the Commission should be prepared to reach a decision on the report at that time.

F. STAFF REQUIREMENTS - COMMISSION MEETING ON TARAPUR EXPORT LICENSE NO. XSNM-1222 (IN THE MATTER OF EDLOW INTERNATIONAL COMPANY, AGENT FOR THE GOVERNMENT OF INDIA ON APPLICATION TO EXPORT SPECIAL NUCLEAR MATERIAL) (DOCKET NO. 70-2738), 2:25 P.M., FRIDAY, MARCH 23, 1979, COMMISSIONERS' CONFERENCE ROOM, DC OFFICE (Open to Public Attendance) (Memo, Chilk to the Record)

The Commission, by a vote of 3-2, with Commissioners Gilinsky and Bradford dissenting, found that license application no. XSNM-1222 meets all the requirements relevant for issuance under the Atomic Energy Act of 1954, and directed the Director of International Programs to issue XSNM-1222 to the Edlow International Company (EDO)

(Subsequently, the license was issued later in the day on March 23, 1979.)

By a vote of 3-0, with Commissioners Gilinsky and Bradford abstaining, the Commission approved the issuance of an Order reflecting the above finding.

(The Order and separate concurring and dissenting Opinions were issued later in the day on March 23, 1979.)

G. SECY-79-151 - APPROVAL OF PROPOSED LICENSES TO EXPORT AND REIMPORT HIGH ENRICHED URANIUM (APPLICATIONS XSNM01354 AND ISNM78009) (Commissioner Action Item) (Memo, Chilk to Gossick dated 3/26/79)

This is to advise you that the Commissioners have reviewed the subject licenses to Union Carbide Corporation. The Commissioners (with all Commissioners concurring) have accepted your recommendation to export to France 7.33 kilograms of uranium, enriched to 93% U-235, in the form of uranium metal, for fabrication of fuel and reimport to the United States in the form of reactor fuel elements.

The Office of International Programs was informed of this action by telephone on March 26, 1979.

It is requested that you provide notification of the issuance and delivery of these licenses to Union Carbide by c.o.b. March 28, 1979.

H. CLASSIFICATION REVIEW OF TRANSCRIPT OF: DISCUSSION OF EXPORT MATTER, MARCH 8, 1979; DISCUSSION OF TARAPUR, FEBRUARY 15, 1979 (Memo, Chilk to Gossick dated 3/26/79)

Attached are the transcripts of the subject meetings which were closed to public attendance pursuant to Exemption 1 of the Sunshine Act. You are requested to conduct a classification review of these transcripts to determine whether any portions of the texts may be released to the public.

Please provide your written determination regarding classification of these documents by C.O.B., Friday, March 30, 1979. (Attachment not included)

I. SECY-79-121 - PROPOSED LICENSE TO EXPORT LOW-ENRICHED URANIUM TO MEXICO (XSNM-1194) (Commissioner Action Item) (Memo, Chilk to Gossick dated 3/27/79)

This is to advise you that the Commissioners have reviewed the subject license to General Electric Company. The Commission (with all Commissioners concurring) has accepted your recommendation to export to Mexico 377,600 kilograms of uranium, enriched to 4% U-235, in the form of uranium dioxide.

The Director of International Programs was authorized by telephone on March 2, 1979 to issue this license.

J. REVIEW OF TRANSCRIPT OF COMMISSION MEETING: DISCUSSION OF TESTIMONY BEFORE THE HOUSE FOREIGN AFFAIRS COMMITTEE, FEBRUARY 7, 1979 (Memo, Chilk to Gossick dated 3/28/79)

Attached is a memo from the General Counsel indicating that the subject transcript, in the General Counsel's view, is unclassified, but recommending a further classification review by OIP.

Therefore, we request that OIP conduct a classification review of this document and provide a written determination regarding its classification to the Office of the Secretary by c.o.b., Wednesday, April 4, 1979. (Attachment not included)

K. SECY-79-150A - PENDING RETRANSFER FROM SWEDEN TO THE UNITED KINGDOM FOR REPROCESSING (SECY-79-150) (Commissioner Action Item) (Memo, Chilk to Gossick dated 3/28/79)

This is to advise you that the Commission (with all Commissioners concurring) has approved your recommendation that NRC not object to the subject retransfer. However, the proposed response to the Department of Energy (DOE) has been revised with the following additions: (1) a Commission view (with Commissioners Gilinsky, Bradford, and Ahearne concurring) pertaining to the lack of information concerning the terms of a relevant contract; (2) a dissent by Chairman Hendrie and Commissioner Kennedy from this view; and (3) an additional view of Commissioner Bradford.

A final draft of the response to DOE reflecting the Commission's decision on this matter is attached for typing, signature and dispatch by the Director of International Programs.

The Office of International Programs was informed of the Commission decision concerning NRC non-objection to the retransfer by telephone on March 26, 1979 and of the revised letter to DOE by telephone on March 28.

It is requested that you forward to the Office of the Secretary a copy of the letter to DOE after signature and dispatch. (Attachment not included)

CALENDAR OF SPEAKING ENGAGEMENTS

APRIL

1-4	AIF Environmental Conference: Regulation of Radiation in the Nuclear Industry, Mayflower Hotel, Washington, DC - Regulatory Trends in Radiation Protection - Robert Minogue
2	Nuclear Power Safety Course, Georgia Institute of Technology, Atlanta, GA - Definition of Class of Accidents, Safety and Design Base Accident Concept - S. H. Hanauer
	American Association of Petroleum Geologists, Houston, TX - Environmental Assessment of In Situ Leaching of Uranium - Glen Terry
2-4	American Society for Nondestructive Testing Annual Meeting, San Diego, CA - Use of Alarming Pocket Dosimeters in Industrial Radiography - S. A. McGuire
2-6	Nuclear Power Safety Course, Georgia Institute of Technology (School of Nuclear Engineering), Atlanta, GA - Nuclear Regulatory Commission Regulations and Licensing - Robert Minogue
3	AIF Environmental Conference: Regulation of Radiation in the Nuclear Industry, Mayflower Hotel, Washington, DC - NRC Studies and Efforts on Health Effects - M. Parsont
4	Environmental Health Conference, Park City, UT - Health Impacts of Uranium Mining and Milling for Commercial Nuclear Power - E. F. Branagan

ENCLOSURE N

7 First Western Energy Quality Assurance Seminar (ASQC), San Francisco, CA - QA Requirements for the Design and Construction of Nuclear Power Plants - T. W. Bishop

12 NJ Chapter of the Health Physics Society, Saddlebrook, NJ - Radiation Incidents and NRC RI Public Affairs Practices - K. Abraham

19-20 Second Biennial EEI Standards Conference - Theme: Government Interface with the Voluntary Consensus Standards Organizations and EEI's New Posture in the Standards World - Robert Minogue

MAY

1 State of South Carolina Advanced Management Seminar, Greenwood, SC - NRC Concurrence Program for Fixed Nuclear Facilities - J. W. Hufham

17 National Classification Management Society Seminar, Jack Tar Hotel, San Francisco, CA - Development of NRC's Classification Guide for Safeguards Information - Raymond Brady

21 Radioactive Waste Management for Nuclear Power Reactors - Rules, Regulations and Standards, Alexandria, VA - I. C. Roberts

23 Annual Records Management Conference of the National Archives, Fredericksburg, VA - Automation of Records Management at NRC - R. Stephen Scott

April 11, 1979

UNITED STATES
NUCLEAR REGULATORY COMMISSION

SECY-79-253

INFORMATION REPORT

For: The Commissioners

From: T. A. Rehm, Assistant to the Executive Director for Operations

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING APRIL 6, 1979

A summary of key events is included as a convenience to those Commissioners who may prefer a condensed version of this report.

Contents	Enclosure
Administration	A
Nuclear Reactor Regulation	B
Standards Development	C
Nuclear Material Safety and Safeguards	D
Inspection and Enforcement	E
Nuclear Regulatory Research	F*
Executive Legal Director	G
International Programs	H
State Programs	I*
Management and Program Analysis	J
Controller	K
Calendar of Significant Events	L
Items Approved by the Commission	M
Calendar of Speaking Engagements	N

T. A. Rehm, Assistant to the
Executive Director for Operations

Contact:
T. A. Rehm
49-27781

*No input this week
**Deleted from Commissioners and PDR copy

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WEEKLY INFORMATION SUMMARY

Week Ending April 10, 1979

Zion Station, Units 1 and 2

With regard to the proposed expansion of capacity of the Zion Station spent fuel pool, the staff has completed and issued its safety evaluation and environmental impact appraisal. A hearing on this matter will be held at a time and place to be fixed by the ASLB.

US/IAEA Safeguards Agreement Implementation

NRC staff met with Dr. Ferraris of the IAEA on March 29 to discuss future IAEA needs for export of inspection samples and import of calibration standards. Dr. Farrairs confirmed present thinking that several years will be required to completely implement the US/IAEA Agreement.

Foreign Interest in Three Mile Island Incident

On April 3, IP arranged, and D. Thompson of IE presented, a 1½ hour briefing on the Three Mile Island incident. It was attended by 30 foreign representatives from 18 countries and international organizations. IP arranged a trip on April 5 for foreign safety experts to visit Middletown and be briefed by H. Denton on the Three Mile Island situation.

Statistical Analysis of Power Plant Capacity Factor (NUREG-CR 0382)

Distributed a report entitled "Statistical Analysis and Power Plant Capacity Factors". This report examines the use of statistical methods for analysis of possible trends and patterns associated with a plant's age, size and type.

FY 1979 Reprogramming

The initial reprogramming request for use of FY 1978 unobligated balance carryover was approved by all five Congressional Committees. Revised financial plans and allotments will be issued early next week to reflect these changes.

OFFICE OF ADMINISTRATION

Week Ending April 6, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	Initial Request	Appeal of Initial Decision
Received	130	11
Granted	59	2
Denied	21	4
Pending	50	5

ACTIONS THIS WEEK

Received

Carol S. Perlmutter (79-93)	Requests a copy of all materials regarding the promulgation and possible future revisions of Regulatory Guide 1.3, Revision 2 and Regulatory Guide 1.4, Revision 2.
L. Alan Kenton, (79-94)	Requests the name, present and past position titles, present and past grades, and present duty stations of all employees employed by the NRC.
Gerald Merigold, Science Applications, Inc. (79-95)	Requests a copy of the winning proposal for RFP No. RS-RES-78-193.
James W. Scouten, Attorney-At-Law (79-96)	Requests any information which would justify the "failure" to use Boron at Three Mile Island plant.
Kathryn Burkett Dickson, Energy Resources Conservation & Development Commission (79-97)	Requests a copy of the staff report and recommendations on PIRG's petition for rulemaking to require plant operators to post bond for decommissioning (SECY-78-13-C).
Anthony Z. Roisman, Natural Resources Defense Council, Inc. (79-98)	Requests all documents and communications of any kind received by or in the possession of the NRC relating to Three Mile Island Unit 2.

CONTACT: J. M. Felton
492-7211

ENCLOSURE A

Received, Cont'd

Peggy Strain, The Denver Post (79-99)	Requests all documents relating to environmental impacts and health effects resulted from nuclear tests conducted in connection with the Project Plowshare program during the 1960s and early 1970s.

Granted

Lawrence F. Roberge, (79-4)	In response to a request for a copy of the reports on Abnormal Occurrences for 1977 and 1978, made available the reports.
Lucille Parkerson, Kinetic Research, Inc. (79-66)	In response to a request for a copy of the technical proposals on the successful awards resulting from RFP #01-78-011, "Health Effects of Low-Level Ionizing Radiation", made available these proposals.
Mark T. Hebner, Pharmatopes, Inc. (79-79)	In response to a request for copies of all documents on file in the NRC concerning Radiology Associates, P.C., NRC License Number 21-16754-01, made available these documents.

Denied

Thomas B. Cochran, Natural Resources Defense Council, Inc. (78-264)	In response to a request for documents regarding the adequacy of safeguards at NFS, Erwin, Tennessee facility since 1/1/78, made available 21 documents. Denied, in whole or in part, 32 documents under exemptions 1, 4, and 5.
Anthony Z. Roisman, Natural Resources Defense Council, Inc. (78-295)	In response to a request for documents relating to the environmental effects of the uranium fuel cycle and the disposal of nuclear wastes, made available 73 documents. Denied portions of four documents containing advice, opinions and recommendations. Also informed the requester 13 documents relating to this request are already located in the PDR.

Denied, Cont'd

Gerald Merigold, Science Applications, Inc. (79-84)	In response to a request for a copy of the winning technical proposal for RFP RS-NMS-78-067, denied portions of the technical proposal containing confidential business (proprietary) information.

ENCLOSURE A

DIVISION OF CONTRACTS

Week Ending April 6, 1979

PENDING COMPETITIVE REQUIREMENTS

1. RFP RS-NMS-79-043
   Title - Bulk Material Control
   Description - This requirement is a three-phase effort. The first phase is conceived to have one contractor or several contractors formulate material control systems. The Phase I contractor(s) will submit, at the end of Phase I, proposals for a possible development and demonstration phase, Phase II and III, respectively.
   Sponsor - Office of Nuclear Material Safety and Safeguards
   Period of Performance - Phase I - 8 months
   Phase II - 7 months
   Phase III - 12 months
   Status - Solicitation being developed.

2. RFP RS-NRR-118
   Title - Engineering Support for Operating Reactor Licensing Actions
   Description - The NRC is seeking assistance with its review and evaluation of pending operating reactor licensing actions. Assistance is needed to: (1) review licensee submittal, (2) perform comparative evaluations relative to established regulatory guides, (3) provide a report documenting conclusions reached and (4) provide a definition of additional information needed to complete the action.
   Period of Performance - Three to five years
   Sponsor - Office of Nuclear Reactor Regulation
   Status - The Source Evaluation Panel has completed their review of the 49 qualification statements received, and the Contracting Officer has advised all submitters of the results. The Evaluation Panel is presently developing a Request for Proposal and the Division of Contracts intends to issue it during the month of April.

RFP'S ISSUED

RFP RS-OIE-79-256
Title - General and Refresher Courses in Non-Destructive Examinations
Description - This technical assistance is required by the Office of Inspection and Enforcement to provide NRC personnel a working level knowledge of practices, procedures and practical work of non-destructive examinations as related to nuclear power plant construction.
Period of Performance - Twenty-eight months
Sponsor - Office of Inspection and Enforcement
Status - RFP issued April 3, 1979. Proposals due May 3, 1979.

ENCLOSURE A

PROPOSALS UNDER EVALUATION

1. RFP RS-ADM-79-362
   Title - Cataloging Support Services
   Description - Cataloging, processing, data conversion and related activities for backlog of approximately 9650 titles in the NRC Library.
   Period of Performance - Seven months
   Sponsor - Office of Administration
   Status - Competitive range approved March 28, 1979. Offerors in/out of competitive range notified. Negotiations to be conducted during week beginning April 16, 1979.

2. RFP RS-OIE-79-253
   Title - Independent Assessment: Destructive Testing and Analysis
   Description - This technical assistance is required by the Office of Inspection and Enforcement to provide independent assessments, including destructive testing and analysis of samples from licensees' facilities which will serve as independent measurements and verifications that reactor construction and vendor materials and workmanship meet prescribed codes, standards and specifications in the mechanical, chemical, concrete, and electrical areas.
   Period of Performance - Two years
   Sponsor - Office of Inspection and Enforcement
   Status - The Source Selection Board met on April 4, 1979 to determine the competitive range.

3. RFP RS-OIE-79-254
   Title - Evaluation of NRC's Revised Inspection Program
   Description - This technical assistance is required by the Office of Inspection and Enforcement to determine the effectiveness and efficiency of the Revised Inspection Program and its concurrent impacts on the Commission, licensees, and the public. The Contractor will develop the methodology for evaluation of all elements of the Revised Inspection Program: Resident Inspection, Performance Appraisal, Independent Measurements, and Career Management and Training. The results of this work effort will be used to prepare reports for OMB and the Congress in FY 1979 and 1980.
   Period of Performance - Two years
   Sponsor - Office of Inspection and Enforcement
   Status - Proposals received March 28, 1979, and distributed to the Source Selection Board on March 29, 1979.

4. RFP RS-NRR-79-102
   Title - Technical Assistance Program for Two-Phase Flow Aspects of Reactor Safety
   Description - Provide licensing support in the area of two-phase flow, consisting of a review of existing tests, experiments, and analytical methods used in this area.
   Period of Performance - Three years
   Sponsor - Office of Nuclear Reactor Regulation
   Status - Final Evaluation Report approved on March 30, 1979.

DIVISION OF SECURITY
ITEMS OF INTEREST

WEEK ENDING APRIL 6, 1979

The Facilities and Systems Security Branch (FSSB) provided for and arranged additional protective measures for H Street during public meetings held by the Commission and ACRS in response to public interest over the Three Mile Island nuclear incident. Additional security support has also been provided for East-West Towers in support of the 24 hour operations of the NRC staff. Security support, in coordination with Region I, was provided for the Middletown, Pa. NRC Press Center also.

FSSB coordinated and arranged for protective service for the Atomic Safety and Licensing Board prehearing conference in the Allens Creek proceeding scheduled for Houston, Texas, April 18-19, 1979.

ENCLOSURE A

DIVISION OF TECHNICAL INFORMATION AND DOCUMENT CONTROL*

Week Ending April 6, 1979

TRANSLATIONS

The following translations were received by the Division of Technical Information and Document Control during the week of April 2 - 6, 1979. Copies of these translations will be available in the Library.

German

RE 23, Research Program On Reactor Safety (Final Report). Research Project BMFT RS 93/A. Kraftwerk Union, Reaktortechnik, Erlangen, F. R. Germany. January 1978. 95 pages.
Cost of translation: $313.00. (TIDC 539).

Japanese

78-RG-01. Examination Guidelines for the Safety Evaluation of Light Water Power Reactors. Atomic Energy Committee, Japan. September 1978. 75 pages.
Cost of translation: $1,102.00. (TIDC 542)

NUREG REPORTS

Number of NUREG reports printed and/or distributed by TIDC in March.

Report	Quantity
SER's	2
Periodicals	5
Staff	4
Contractor	69

A listing of these reports is contained in "U.S. Nuclear Regulatory Commission Publications" (NUREG - 0304), issued monthly and available from TIDC.

* This entry deleted from PDR copy

ENCLOSURE A

OFFICE OF NUCLEAR REACTOR REGULATION

WEEKLY ITEMS OF INTEREST
(Week Ending April 6, 1979)

H. B. Robinson 2

The staff's Supplement No. 2 to the Safety Evaluation for the H. B. Robinson Unit 2 Power Increase was issued for information on March 30, 1979. This supplement is being sent to the ASLB and ACRS. The power increase is 100 MWt from 2200 MWt to 2300 MWt.

Zion Station, Units 1 and 2

With regard to the proposed expansion of capacity of the Zion Station spent fuel pool, the staff has completed its safety evaluation (SER) and environmental impact appraisal (EIA) and on March 29, 1979 issued these documents for the information of the licensee, the Atomic Safety and Licensing Board (ASLB) and to the interested parties in this proceeding. On March 23, 1979, the ASLB had issued a notice that a hearing on this matter will be held at a time and place to be fixed by the ASLB. Members of the public may request permission to make limited appearance statements at that hearing.

Salem Unit No. 1

On March 29, 1979, the ASLB for the proposed expansion of the Salem Unit No. 1 spent fuel pool capacity, issued an Order announcing that a hearing, if it is to be held (decisions on summary disposition are still pending) will commence at 9:00 a.m. on Wednesday, May 2, 1979 in Salem, New Jersey.

Peach Bottom

On March 23, 1979 the Atomic Safety and Licensing Appeal Board issued its decision with respect to water quality issues at Peach Bottom. This decision approved the stipulation among the parties and the proposed Environmental Technical Specifications on the thermal component of effluent discharge. DOR will initiate an amendment to implement the Board's Decision.

ENCLOSURE B

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING APRIL 6, 1979

1. Meeting with Dr. Andrew McLean, U.K. - April 4, 1979: On April 4, 1979, members of the staff met with Dr. A. McLean, Director of the United Kingdom National Radiological Protection Board, in response to a request from the British Embassy. Dr. McLean wanted to discuss the staff's position with respect to the new ICRP recommendations on occupational protection (ICRP Publication 26), and to discuss with Mr. Minogue certain aspects of a talk he made at the Atomic Industrial Forum Conference on April 2. Most of Dr. McLean's concerns about the ICRP recommendations had arisen from his recent reading of an article in Nucleonics Week which attempted to summarize a paper by R. E. Alexander and W.Cool which was recently presented at an international meeting in Vienna, Austria. (See SECY 79-138). The discussion of Mr. Minogue's speech centered around ALARA concepts and the feasibility of establishing deminimus levels with respect to radiation protection.

   Dr. McLean said that in the U.K. personnel dosimetry processing inaccuracies had been recognized several years ago and that the government has recognized certified laboratories that are required to be used by users of personnel dosimeters or in some cases does the processing itself.

   Dr. McLean also noted that one of the most significant shortcomings and frustrating problem areas following the major incident at the Windscale facility some years ago was the establishment of lines of communication; the existing commercial telephone system was quickly swamped. He noted that the U.S. seemed to have a similar problem at the Three Mile Island incident.

Publications Issued

Draft Regulatory Guide and Value/Impact Statement - Proposed Revision 4 to Regulatory Guide 8.8 - Information Relevant to Ensuring That Occupational Radiation Exposures at Nuclear Power Stations Will Be As Low As Is Reasonably Achievable (ALARA) - Task OH 507-4 [Comments requested by June 8, 1979]

ENCLOSURE C

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending April 6, 1979

Review of NUS Contract Status and Proposed Additions

The staff of Fuel Cycle Division reviewed the progress of all work under the NUS Corporation's contract for updating Table S-3 and for providing a technical report to support a rule making on radon-222. Proposals are being considered to expand the scope of work under the contract to include development of information on socio-economic impacts, as recommended by the S-3 Hearing Board, and to include evaluating various population dose integration periods and recommending one for NRC use in environmental impact assessments.

Report on Transportation of Nuclear Material through Fairfax County, Virginia

A survey was completed on the movement of nuclear material during CY 1978 through Fairfax County, Virginia. The survey was undertaken in response to a request received by NMSS from Mr. Mallard, a member of the Fairfax County Board of Supervisors.

Direct Assistance to IAEA Safeguards Evaluation Section

Mr. Lawrence Wirfs, Division of Safeguards, is scheduled to provide technical support to the IAEA Safeguards Evaluation Section in Vienna, Austria during April 30 - May 11, 1979, as part of the U.S. direct assistance program to that organization. The purpose of the trip is to develop methods and general procedures for the evaluation of inspection performance in the examination of facility operating and accounting records. A preliminary meeting will be attended at Battelle in Seattle on April 5-6.

US/IAEA Safeguards Agreement Implementation

Messrs. Partlow and Wirfs from NMSS and Mr. Kessler from IP met with Dr. Ferraris of the IAEA on March 29 to discuss implementation topics of common interest. One of the main topics was the discussion of future IAEA needs for export of inspection samples and import of calibration standards. Dr. Ferraris confirmed that the present thinking of the IAEA is that several years will be required to completely implement the US/IAEA Agreement.

ENCLOSURE D

International Safeguards

On March 26-29, 1979, representatives of the Department of State, ACDA, DOE, and NRC met at Brookhaven National Laboratory with IAEA representatives to discuss the U.S. program for technical assistance to IAEA safeguards. In addition to the 12 tasks related to the Tokai Advanced Safeguards Technology Exercise (TASTEX), some 129 ongoing or proposed new tasks for providing direct assistance to the IAEA were reviewed. This program provides assistance to IAEA safeguards activities in the areas of measurement technology, training, systems studies, information processing, containment and surveillance, and in support of field operations.

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending April 6, 1979

1. Nuclear Incident at Three Mile Island Unit 2 - The NRC Operations Center was activated on the morning of March 28, 1979 and has been in continuous use since that time. The incident has been the subject of numerous Preliminary Notifications, press dispatches, press conferences and other releases of information. NRC efforts are expected to continue for an extended period of time.

2. Preliminary Notifications relating to the following actions were dispatched since March 23, 1979:

   a. PNO-79-59 North Anna Unit 2 - Cracked Flow Splitter - Cracks were found in each end of the flow splitter for one of three reactor main coolant pumps. Westinghouse representatives assisted VEPCO in determining the cause of failure and proposed corrective action. Unit 2 is undergoing preoperational testing and is not licensed to operate. (Closed)

   b. PNO-79-60 Errors in Calculations for First LOFT Nuclear Test - During preparations for the pretest calculations of the second nuclear test in LOFT, Idaho Nuclear Engineering Laboratory personnel discovered two errors in the input data for the first nuclear test. In addition, personnel from Los Alamos Scientific Laboratory discovered a second error in the input data. New calculations are underway using correct input data. This Preliminary Notification was issued for information only. (Closed)

   c. PNO-79-61 Surry Units 1 & 2 - Potential Emergency Electrical Loads Exceed the Design Rating - A preliminary reanalysis by the licensee indicated that existing loads could exceed the design rating for some 4160/480 volt transformers and circuit breakers. Additional analyses are being made by the architect-engineer (Stone and Webster) to determine the extent of the problem and corrective action required. The licensee intends to modify the electrical system to handle the required loads. Additional testing will be required to demonstrate the ability to carry the required loads. (Closed)

   d. PNO-79-62 EXXON Company, U.S.A., Converse County, Wyoming - Airborne Exposure to Members of the Public - Two welders at a shop in Glen Rock, Wyoming were exposed to airborne concentrations of natural uranium during the period March 1 - 16, 1979. The exposure resulted from sandblasting a contaminated filter press that had been inadvertently shipped from the Highland Uranium Mill located in Converse County, Wyoming. Preliminary investigation by the licensee showed that urine concentrations were 29 and 5 micrograms uranium per liter, respectively, for the two welders compared to the NRC recommended control level of 130 micrograms per liter. (Closed)

ENCLOSURE E

e. PNO-79-63 Zion Units 1 & 2 - News Media Interest in Spent Fuel Pool Leakage - Pollution and Environmental Problems, a Chicago-area environmental group, issued a news announcement regarding leakage from the spent fuel pool at Zion. Minor leakage through the stainless steel liner has occurred since the pool was placed into service. The leakage has averaged about three quarts per hour and has been gradually decreasing. This matter is routinely checked during inspections. This Preliminary Notification was issued because of the media coverage. (Closed)

f. PNO-79-64 North Anna Unit 1 - Potential Overstress of Safety Related Piping Caused by Actual Weight of 6-Inch Velan Valves (Actual Weight Double Design Weight) - A reanalysis of safety related piping using correct weights for the 6-inch Velan check valves showed that low head safety injection piping to the hot leg of one of the three primary reactor coolant loops could be overstressed during a design basis earthquake. The licensee is making adjustments to piping supports of affected piping and will complete work prior to resuming plant operation. (Closed)

g. PNO-79-65 La Crosse - Spent Fuel Shipment - Because of limited spent fuel storage space, the licensee shipped some fuel to G.E.'s Morris, Illinois facility. This Preliminary Notification was issued because of the extensive news coverage expected. (Closed)

h. PNO-79-66 Seabrook Units 1 & 2 - Petition to Revoke Construction Permit - A petition signed by 25 persons was received requesting that the construction permits for Seabrook Unit 1 & 2 be revoked. This Preliminary Notification was issued for information only. (Closed)

i. PNO-79-67 through 67L Three Mile Island Unit 2 - Nuclear Incident at Three Mile Island Unit 2 - These Preliminary Notification were issued to provide updated status information regarding the incident.

j. PNO-79-68 North Anna Unit 1 - Potential Overstress of Safety Related Piping Caused by Actual Weight of 6-Inche Velan Valves (Actual Weight Double Design Weight) - See Item 2.f above. (Closed)

k. PNO-79-69 Peach Bottom Unit 3 - Radioactive Release In Excess of Regulatory Limits - A release of radioactive materials which exceeded a Technical Specification occurred on March 26, 1979. The total release is estimated at 47.8 curies, principally noble gases. The release occurred due to operator error in line-up of vlaves between equipment drains, floor drains, and the recombiner. The resident inspector will monitor the licensee's corrective actions. (Closed)

l. PNO-79-70 Kerr-McGee Chemical Corp., West Chicago, Illinois - Planned Action by the Mayor of West Chicago, Illinois - The Mayor of West Chicago, Illinois informed Region III (Chicago) that he planned to demand that the Illinois Attorney General's Office sue Kerr-McGee and the NRC regarding the burial of radioactive wastes in West Chicago. The suit will demand that the material be removed from the West Chicago area within 60 days. As of April 6, 1979, the NRC had received no additional information regarding the planned suit. (Closed)

m. PNO-79-71 North Anna Unit 1 - Foreign Material in Secondary Coolant System - Following a reactor shutdown, the licensee determined that foreign material had jammed in the stop valve of a Main Steam Reheater (MSR). The MSR is a large heat exchanger located between the high and low pressure stages of the turbine. The reactor shutdown was not related to the MSR problem. The licensee removed debris from the MSR stop valve and recovered operation of the valve. (CLosed)

n. PNO-79-72 Babcock and Wilcox Co., Copley, Ohio - Apparent Overexposure to Three Radiographers at the Midland Nuclear Plant Site - Three radiographers received apparent overexposures while performing radiography at the Midland Unit 2 site. The licensee, Babcock and Wilcox, calculated the exposure to each individual to be 14 rems. The cause of the exposure was the apparent failure to fully retract the 75-curie iridium-192 source and to perform a survey to verify that the source had been retracted. Region III (Chicago) has initiated an investigation. (Closed)

o. PNO-79-73 Turkey Point Units 3 & 4 - Local Blackouts Due to Loss of Power from Turkey Point - On April 4, 1979, all distribution lines from Turkey Point opened due to faults on the distribution system. All plant systems performed as designed. The resulting loss of power caused local blackouts in south Florida. Electrical power was returned to most customers within two hours. (Closed)

p. PNO-79-74 Comanche Peak Units 1 & 2 - News Articles Reporting Failure to Perform Selected Quality Control Testing for Concrete - A Fort Worth newspaper reported that their investigations had identified problems in the quality control testing program for Comanche Peak construction project. The newspaper investigations covered the same subjects and times as two NRC investigations conducted during 1977 and 1978. Region IV (Dallas) will resolve any newly identified allegations. (Closed)

q. PNS-79-24 Diablo Canyon Units 1 & 2 - Bomb Threat - No bombs were found and none exploded. (Closed)

r. PNS-79-25 Diablo Canyon Units 1 & 2 - Bomb Threat - No bombs were found and none exploded. (Closed)

s. PNS-79-26 General Atomic Co., San Diego, California - Bomb Threat - No bombs were found and none exploded. (Closed)

t. PNS-79-27 Susquehanna Units 1 & 2 - Bomb Threats - No bombs were found and none exploded. (Closed)

u. PNS-79-28 Diablo Canyon Units 1 & 2 - Bomb Threat - No bombs were found and none exploded. (Closed)

3. The following IE Bulletins were issued:

a. IE Bulletin 79-04, "Incorrect Weights for Swing Check Valves Manufactured by Velan Engineering Corporation," was issued on March 30, 1979 to all power reactor facilities with an operating license or a construction permit.

b. IE Bulletin 79-05, "Nuclear Incident at Three Mile Island," was issued on April 1, 1979 to all Babcock and Wilcox power reactor facilities with an operating license.

c. IE Bulletin 79-05A, "Nuclear Incident at Three Mile Island," was issued on April 5, 1979 to all Babcock and Wilcox power reactor facilities with an operating license.

4. The following Information Notices were issued:

a. IE Information Notice No. 79-06, "Stress Analysis of Safety-Related Piping," was issued on March 23, 1979 to all power reactor facilities with an operating license or a construction permit.

b. IE Information Notice No. 79-07, "Rupture of Radwaste Tanks," was issued on March 26, 1979 to all power reactor facilities with an operating license or a construction permit.

c. IE Information Notice No. 79-08, "Interconnection of Contaminated Systems with Service Air Systems Used As the Source of Breathing Air," was issued on March 28, 1979 to all power reactor facilities with an operating license and to plutonium processing facilities.

d. IE Information Notice No. 79-09, "Spill of Radioactively Contaminated Resin," was issued on March 30, 1979 to all power reactor facilities with an operating license.

OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

FOR THE WEEK ENDING APRIL 6, 1979

St. Lucie Nuclear Power Plant, Unit No. 2

On April 5, 1979, the Appeal Board in St. Lucie 2 issued a Memorandum and Order concerning (1) the soundness of the St. Lucie 2 steam generator tubes, and (2) the stability of the Applicant's electrical grid and the adequacy of the St. Lucie emergency power systems generally. The Appeal Board followed the same approach as in Seabrook in finding that (1) the Applicant is taking positive measures to deal with the problem of maintaining steam generator tube integrity, and (2) these measures are appropriate ones, given the present understanding of the nature and root of the problem. The Appeal Board reminded all parties that if the steam generator tube issue is not resolved to the satisfaction of all concerned, a further opportunity to examine the question at a hearing will occur when the application for operating licensing is filed. With respect to the question of the electrical grid stability and emergency power systems, the Appeal Board indicated its intent to conduct an evidentiary hearing on this issue in south Florida. Prior to establishing a schedule for that hearing, the Appeal Board instructed the Staff and the Applicant to prepare answers to a number of questions set forth in their Memorandum and Order.

North Anna Nuclear Power Station, Units 1 and 2

On April 5, the Appeal Board denied a petition to intervene filed by the Union of Concerned Scientists in connection with an evidentiary hearing before the Appeal Board regarding North Anna 1 and 2. The Appeal Board found that UCS lacked standing since it failed to particularize how interests of members might be adversely affected by the outcome of the hearing. Without deciding the separate issue of whether the Appeal Board has the authority to grant to a non-party full participational rights in a hearing as an amicus curiae, it ruled that such relief was not warranted for UCS in this case since an existing party had indicated that it would participate fully on all issues.

ENCLOSURE G

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING APRIL 6, 1979

INTERNATIONAL COOPERATION

Foreign Interest High in Three Mile Island Incident

Several foreign technical expert teams have come to NRC and more are on the way to learn what they can about the Three Mile Island Incident. IP has been advising callers that such teams will be welcomed and will be given as much information as possible, but that we believe it is unlikely that detailed conclusions from the incident investigations will be available for a matter of weeks.

To date, teams from the following countries and international organizations have arrived at NRC:

FRG (2 representatives)	Italy (3)
France (3)	EC (2)
The Netherlands (3)	Spain (3)
Denmark (2)	Belgium (9)
Canada (1)	Japan (4)
IAEA (2)	Taiwan (2)

IP has also been notified that Argentina and Korea can be expected later.

Additionally, the following local Embassies, aware of the import of the incident and in conjunction with, or in lieu of, visits by technical teams from their own countries, have initiated and maintained close contact with IP:

Japan	Belgium	South Africa
France	Taiwan	India
FRG	Canada	Korea
Sweden	Australia	Finland
UK	Austria	Argentina
Italy	The Netherlands	Denmark
Spain		

On April 3, IP arranged, and D. Thompson of IE presented, a 1½ hour briefing on the Three Mile Island incident. It was attended by 30 foreign representatives from 18 countries and international organizations. Arrangements were also made for briefings at 10:00 a.m. April 6 on Emergency Planning Operations for the TMI incident (by H. Collins, SP) and at 2:00 a.m. April 6 on design and operation of the B&W reactor systems (by R. Benedict of NRR).

ENCLOSURE H

In coordination with the NRC center at Three Mile Island, IP arranged a trip on April 5 for foreign safety experts to visit Middletown and be briefed by H. Denton on the Three Mile Island situation. Administrative assistance was also provided by Metropolitan Edison public relations. IP staff accompanied the bus load of about 35 persons from 12 countries and two international organizations including foreign experts sent here especially because of the incident, as well as representatives from the local Embassies.

Nuclear Sabotage

The Associated Press has reported from France that on April 6, at 3:00 a.m., saboteurs set off three plastic charges at a nuclear industrial plant near the Mediterranean town of Toulon. The blasts destroyed a metallic block to hold atomic batteries; equipment that had been fabricated for Belgium to load nuclear fuel into a reactor; and a cover for a storage container for radioactive materials that was ordered for a West German nuclear power plant.

Foreign Reports

The following foreign reports were received by IP during the week of April 2-6. For further information, contact Ann McLaughlin (X27788).

(** indicates report is available in English.)

From Canada:

New Pages on the Safety Report for Pickering Generating Station B.**

From France:

Operating Data for French Reactors - January 1979.

EXPORT/IMPORT AND INTERNATIONAL SAFEGUARDS

Westinghouse's Views Concerning Implementation of President's Executive Order

Mr. Mort Hersch of Westinghouse Power Systems Division (Pittsburgh, Pa.) visited IP on April 3 to inform NRC of Westinghouse's views regarding the implementation of the President's January 5, 1979 Executive Order regarding the international reach of NEPA. Also participating in the discussion were T. Norris and V. Moore of NRR.

The first interagency coordinating meeting aimed at developing implementation procedures is being convened by State Department for April 6.

Meeting of IAEA Safeguards Officials with State and ACDA Representatives

On Friday March 30 IAEA Safeguards officials Hans Gruemm and Marco Ferraris participated in a meeting at the State Department with representatives from State and ACDA. IP (Ken Cohen) attended the meeting as NRC's representative. The purpose of the meeting, which was one of a series held with various US agencies, including NRC, was to exchange views on matters associated with International Safeguards. Generally speaking, except for some elaborating, Professor Gruemm (who was the principal spokesman) focused on the same topics which had been discussed during his morning visit at NRC. We understand that State is drafting a summary of the meeting, a copy of which will be provided to other interested NRC offices and the Commission upon receipt.

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

Week Ending - April 6, 1979

Hart Committee Hearing on Shutdown of Five Reactors

Coordinated responses to 20 questions from minority members of Hart Committee and corrected transcript of its hearing on shutdown of five reactors. Sent to the Office of Congressional Affairs for Commission review.

Transcripts of Glenn Committee Hearing and Bevill Committee Hearing

Edited transcripts of Glenn Committee Hearing of March 14 on Waste Management and Bevill Committee Hearing on Reactor shutdowns as well as coordinated inserts for record of Bevill hearing of March 21. Forwarded to the Office of Congressional Affairs for Commission review.

Statistical Analysis of Power Plant Capacity Factors (NUREG-CR 0382)

Distributed a report entitled "Statistical Analysis of Power Plant Capacity Factors" (NUREG-CR 0382). This report examines the use of statistical methods for analysis of possible trends and patterns associated with a plant's age, size and type.

LERs for Three Mile Island

Provided numerous LER printouts on events pertaining to Three Mile Island to NRR, RES, IE and Commissioner Gilinsky's staff.

Response to Administrative Conference BARAM Report

Prepared letter for Chairman's signature to Administrative Conference commenting on the BARAM Report on the use of cost/benefit analysis by regulatory agencies which was forwarded to the Commission by the EDO.

ENCLOSURE J

OFFICE OF THE CONTROLLER

ITEMS OF INTEREST

FOR THE WEEK ENDING APRIL 6, 1979

FY 1979 Reprogramming

The initial reprogramming request to Congress (use of FY 1978 unobligated balance carryover) has been approved by all five Congressional Committees. (House Appropriations Committee approved everything except the additional travel funds and the other four Committees approved everything.) Revised financial plans and allotments will be issued early next week to reflect these changes.

FY 1979 Operating Plans

The FY 1979 Operating Plans reflecting the resources identified in the second reprogramming paper (SECY-79-53 and 53a) were forwarded to the Commission.

FY 1980 Budget

The Udall Subcommittee markup scheduled for March 29, and then postponed, has not been rescheduled as of this week. The Hart Subcommittee markup is still tentatively scheduled for April 27.

FY 1981-1985 Budget/Plan

As a reminder, your administrative requirements (Section D of Budget Call) are due to ADM by April 27 and the budget/plan to CON by May 25.

Enclosure K

CALENDAR OF SIGNIFICANT EVENTS

For Two Week Period Ending April 23, 1979

April 18	Allens Creek - Prehearing conference
April 19	Susquehanna 1 & 2 - Meeting to discuss physical security plan
April 20	Salem 2 - SER Supplement No. 4 to be issued

ENCLOSURE L

ITEMS APPROVED BY THE COMMISSION - RECEIVED WEEK ENDING APRIL 6, 1979

A. SECY-79-172 - RESPONSE TO RECOMMENDATIONS IN GAO REPORT ENTITLED "AUTOMATED SYSTEMS SECURITY -- FEDERAL AGENCIES SHOULD STRENGTHEN SAFEGUARDS OVER PERSONAL AND OTHER SENSITIVE DATA " (Commissioner Action Item) (Memo, Chilk to Gossick dated 3/30/79)

This is to advise you that the Commission (with four Commissioners concurring and Commissioner Gilinsky noting without objection) has concurred in the staff's recommendations in the subject paper, subject to modifications as noted below and in the attached pages:

1. The attachment titled "NRC General Response to the Report" should be re-titled "The NRC Computer Security Program" and re-worded as attached.

2. The NRC Manual Chapter 2101, "NRC Security Program," should be included as an attachment as indicated in the attached pages.

3. The letter of transmittal should be modified as attached.

The staff is requested to prepare the letter of transmittal and attachments for the Chairman's signature. (Attachments not included)

B. STAFF REQUIREMENTS - DISCUSSION OF SECY-79-82 - STAFF COMMUNICATIONS WITH THE COMMISSION, 11:30 A.M., THURSDAY, MARCH 15, 1979, COMMISSIONERS' CONFERENCE ROOM, DC OFFICE (Open to Public Attendance) (Memo, Chilk to Gossick and Kenneke)

The Commission discussed SECY-79-82, but deferred final action pending a further Commission discussion of general organizational matters and a review of existing delegations of authority.

(EDO/OPE) (SECY SUSPENSE: June 14, 1979)

ENCLOSURE M

C. STAFF REQUIREMENTS - DISCUSSION OF SECY-79-154 AND 79-154A - REPORT TO THE CONGRESS: MEANS FOR IMPROVING STATE PARTICIPATION IN THE SITING, LICENSING AND DEVELOPMENT OF FEDERAL WASTE FACILITIES, 4:45 P.M., THURSDAY, MARCH 29, 1979, COMMISSIONERS' CONFERENCE ROOM, D.C. OFFICE (Open to Public Attendance) (Memo, Chilk to Gossick and Kammerer dated 4/2/79)

The Commission, by a vote of 3-0*, approved the revised report contained in SECY-79-154A, subject to the editorial changes discussed at the meeting, and requested that the final version be transmitted to the President of the Senate, the Speaker of the House, and the NRC Oversight Committees.
(SP/OCA) (SECY Suspense: April 9, 1979)

*Commissioners Gilinsky and Kennedy were not present when this vote was taken; Commissioner Gilinsky had expressed reservations concerning the creation of an Executive Planning Council; Commissioner Kennedy had indicated his prior approval of the Report.

D. SECY-79-168-- BOARD NOTIFICATION CONCERNS RAISED BY ANTHONY ROISMAN (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/5/79)

This is to advise you that the Commission (with four Commissioners concurring) has approved the proposed response (Enclosure 1 of the subject staff paper) to inquiries from Anthony Roisman on Board Notification Matters, subject to the following changes:

1. Page 2, last paragraph, last sentence - revise sentence to read: "The lack of timeliness in the instances you cited tells us we can do better in putting this policy into practice."

2. Page 3, last paragraph - revise paragraph to read: "In order to improve performance in the near term, however, the Office of Nuclear Reactor Regulation will issue a memorandum to its staff to summarize the facts surrounding the two instances you have cited. In addition, that memorandum will instruct the staff that information requiring more than four weeks to evaluate for processing under the Office Letter No. 19 should be sent to the relevant Boards prior to completing a determination that it puts a new or different light upon an issue before the Boards."

Commissioner Bradford did not participate in this action.

The Office of Nuclear Reactor Regulation was informed of this action by telephone on April 5, 1979.

It is requested that you forward a copy of the letter to the Office of the Secretary after signature and dispatch by the Director of Nuclear Reactor Regulation.

ENCLOSURE M

CALENDAR OF SPEAKING ENGAGEMENTS

APRIL

7	First Western Energy Quality Assurance Seminar (ASQC), San Francisco, CA - QA Requirements for the Design and Construction of Nuclear Power Plants - T. W. Bishop
12	New Jersey Chapter of the Health Physics Society, Saddlebrook, NJ - Radiation Incidents and NRC RI Public Affairs Practices - K. Abraham
19-20	Second Biennial EEI Standards Conference - Theme: Government Interface with the Voluntary Consensus Standards Organizations and EEI's New Posture in the Standards World - Guy Arlotto
26	Westinghouse Research Laboratory, Pittsburgh, PA, - The Rasmussen Report Revisited: The Lewis Report on Reactor Safety Assessment - Robert J. Budnitz

MAY

1	State of South Carolina Advanced Management Seminar, Greenwood, SC - NRC Concurrence Program for Fixed Nuclear Facilities - J. W. Hufham
17	National Classification Mangement Society Seminar, Jack Tar Hotel, San Francisco, CA - The NRC Security Program - Classification Management in a Regulatory Agency - Raymond J. Brady
21	Radioactive Waste Management for Nuclear Power Reactors - Rules, Regulations and Standards, Alexandria, VA - I. C. Roberts
23	Annual Records Management Conference of the National Archives, Fredericksburg, VA - Automation of Records Management at NRC - R. Stephen Scott

ENCLOSURE N

April 18, 1979

UNITED STATES
NUCLEAR REGULATORY COMMISSION

SECY-79-274

INFORMATION REPORT

For: The Commissioners

From: T. A. Rehm, Assistant to the Executive Director for Operations

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING APRIL 13, 1979

A summary of key events is included as a convenience to those Commissioners who may prefer a condensed version of this report.

Contents	Enclosure
Administration	A
Nuclear Reactor Regulation	B
Standards Development	C
Nuclear Material Safety and Safeguards	D
Inspection and Enforcement	E
Nuclear Regulatory Research	F
Executive Legal Director	G
International Programs	H
State Programs	I
Management and Program Analysis	J
Controller	K*
Calendar of Significant Events	L
Items Approved by the Commission	M*
Calendar of Speaking Engagements	N
Status of Nuclear Power Plants	O

T. A. Rehm, Assistant to the
Executive Director for Operations

Contact:
T. A. Rehm
49-27781

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*No input this week
**Deleted from Commissioners and PDR copy

WEEKLY INFORMATION SUMMARY

Week Ending April 13, 1979

Point Beach Units 1 and 2

Authorization was granted April 4 to increase the storage capacity of the spent fuel pool from 351 to 1502 spent fuel assemblies.

La Crosse

The licensee notified NRC that they discovered some failed fuel during the current reload outage. The licensee is inspecting all assemblies and will notify us in a few days of their findings.

Epidemiologic Studies Related to Three Mile Island

NRC met with HEW, the Pennsylvania Department of Health and the National Cancer Institute to discuss possible epidemiologic studies related to the incident at Three Mile Island. It was agreed that since the reported radiation exposures to the population were so small, there may be little value for a radiation epidemiology study.

Uranium Mine and Mill FES Completed

The Final Environmental Statement for the proposed Pitch Project Uranium Mine and Mill in Colorado has been completed by NRC.

Kerr-McGee West Chicago, Illinois Facility

Kerr-McGee is redoing their decommissioning plan for the West Chicago, Illinois Facility because NRC found the initial plan unacceptable. The Mayor of West Chicago stated that a petition was being sent to Washington, D.C. (possibly NRC) demanding that some action be taken.

Issuance of Order

An Order to Show Cause (Immediately Effective) was issued on April 6 to 18 owners/users of the Model No. NFS-4 packagings believed to be defective.

Emergency Preparedness

On April 16, SP will testify at a hearing on emergency response to nuclear power plant accidents. The hearing is being held by the California Legislature Subcommittee on Energy.

OFFICE OF ADMINISTRATION

Week Ending April 13, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	Initial Request	Appeal of Initial Decision
Received	146	13
Granted	66	2
Denied	23	4
Pending	57	7

ACTIONS THIS WEEK

Received

Ellyn R. Weiss, Sheldon, Harmon, Roisman and Weiss, on behalf of UCS (79-100)	Requests all communications between NRC Headquarters, Region I, and Metropolitan Edison, regarding the Three Mile Island Unit 2 accident, and copies of the project managers' log books.
Michael Petruska, State College, PA (79-101)	Requests a copy of a report describing nature of work performed in the Breazeale reactor at Penn State University, a summary of precautions taken to ensure safe operation, and any accident evacuation plans.
Ellyn R. Weiss, Sheldon, Harmon, Roisman and Weiss, on behalf of UCS (79-102)	Requests transcripts of all closed Commission meetings from March 28, 1979.
Theodore J. Lowi and Kathleen A. Selvaggio New York Civil Liberties Union (79-103)	Requests all files maintained under the name of Cornell University or any of its personnel, including all documents relating to past or present contractual agreements or arrangements from 1968.
Thomas B. Cochran, Natural Resources Defense Council, Inc. (79-104)	Requests all documents related to the development, construction, manufacture, sale, or export of high explosive implosion devices and related hardware for research, development, and commercial purposes, other than those related exclusively to weapons research and development, since 1950.

CONTACT: J. M. Felton
492-7211

ENCLOSURE A

Received, Cont'd

Robert Schakne, CBS News (79-105)	Requests copies of the examinations and test scores for two named Reactor Operators and two named Senior Reactor Operators at Three Mile Island.
Peter G. Gosselin, The Transcript (79-106)	Requests that reportable events or abnormal occurrences reports for the Yankee Rowe plant from 1960 to 1966 be placed in the LPDR.
Martin O. Cohen, Mathematical Applications Group, Inc. (79-107)	Requests a copy of the proposal by Science Applications, Inc. submitted to the NRC in response to RFP RS-RES-78-193, Amendment 1, and any modifications.
Dennis Sanders, (79-108)	Requests a copy of Dr. Hanauer's "nugget file".
Ellyn R. Weiss, Sheldon, Harmon, Roisman and Weiss, on behalf of UCS (79-109)	Requests each document in Dr. Hanauer's "chron file" from April, 1976 to present.
Stephen M. Feldman, Feldman & Feldman (79-110)	Requests information regarding "Thorotrast" (thorium dioxide), its licensing, manufacturers, and licensees.
Richard Ben Cramer, Knight-Ridder Newspapers (79-111)	Requests all transcripts and/or reports of NRC staff interviews with personnel at Three Mile Island, and the text and attachments to report by Metropolitan Edison's Internal Investigation Committee, as provided to the NRC.
Rex Hunter, (79-112)	Requests the final report on the SL-1 accident at the U.S. National Reactor Testing Station, in Idaho Falls, Idaho in January, 1961.
Dean Hansell, State of Illinois (79-113)	Requests all documents regarding the decommissioning of the Elk River, Minnesota reactor and the shipment of the decommissioned material to the Sheffield, Illinois low-level nuclear waste site.
Neil Robinson, Deseret News (79-114)	Requests all documents regarding nuclear reactors and/or other nuclear projects at the University of Utah.

ENCLOSURE A

Received, Cont'd

(An individual requesting information about himself) (79-115)	Requests the results of the tests and examinations as a result of an accident involving radiation exposure at the Nevada Test Site in 1963.
A. Kranish, Trends Publishing, Inc. (79-A-6-77-106)	APPEAL TO THE COMMISSION AND TO THE EDO the denial of portions of documents 7, 9, and 99 of the Task Force on Allegations by James Conran, except statistical and other numerical data which may have been withheld.
(An NRC employee) (79-A-7-79-78)	APPEAL TO THE COMMISSION the denial of a document concerning the disposition of the investigation of [an NRC employee] by OIA.

Granted

Elaine B. Schwelm, Nuclear Engineering Company, Inc. (79-65)	In response to a request for documents relating to the development of Section 20.302(b) of the Commission's regulations, made available 11 documents.
George R. Zachar, Critical Mass Journal (79-72)	In response to a request for documents pertaining to attempted and/or successful sabotage efforts at nuclear facilities, made available a list of threats to licensed nuclear facilities and informe the requester other documents subject to this request are located in the PDR.
Winnifred F. Sullivan, Keck, Mahin & Cate (79-75)	In response to a request for documents concerning delays in construction of the LaSalle plant, and information regarding contracts to reload fuel, made available 20 documents, and informed the requester other documents subject to this request are available at the Region III office.
Nancy Kesler, The News-Journal Company (79-83)	In response to a request for access to licensee event reports, inspection reports, and the evacuation plan for the Salem plant, informed the requester the documents subject to this request are located at the NRC Local Public Document Room in the Salem Free Public Library, Salem, New Jersey.

ENCLOSURE A

Granted, Cont'd

William G. Margetts, Government R&D Report (79-90)	In response to a request for a copy of a mailing list maintained by the NRC for public announcements to the research and development community, sent a copy of NUREG-0550, Revision 1, "Standard Distribution for Unclassified U.S. NRC Publications", January 1979.
Barbara J. Bensel, FOI Services, Inc. (79-91 & 79-92)	In response to requests for a list of the names and addresses of "companies doing radiation sterilization in Puerto Rico" and a list of companies "licensed to build facilities for radiation sterilization in Puerto Rico", informed the requester the NRC has no records subject to her requests.

Denied

(An NRC employee) (79-78)	In response to a request for a copy of the disposition of the investigation of [an NRC employee] by OIA, and the final action taken by the Commission on this matter, denied one document in its entirety, disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

DIVISION OF CONTRACTS

Week Ending April 13, 1979

PENDING COMPETITIVE REQUIREMENTS

1. RFP RS-RES-79-193
   Title - Steam Generator Tube Rupture Iodine Transport Mechanisms
   Description - Under Task I, the contractor shall experimentally measure the amount of atomization and characterize the drop size distribution of superheated water flashing through a crack-like orifice into a saturated steam environment.
   Period of Performance - One year
   Sponsor - Office of Nuclear Regulatory Research
   Status - Solicitation to be issued on or about April 30, 1979. Due date for submission of proposals - May 31, 1979.

2. RFP RS-OIE-79-261
   Title - General and Refresher Courses in Concrete Technology and Codes
   Description - This technical assistance is required by the Office of Inspection and Enforcement to provide NRC personnel the detailed training in concrete technology and the applicable codes necessary to permit them to conduct in-depth inspection at NRC licensed facilities under construction or modification.
   Period of Performance - Eighteen months
   Sponsor - Office of Inspection and Enforcement
   Status - Solicitation being developed.

PROPOSALS UNDER EVALUATION

1. RFP RS-NMS-79-028
   Title - Development of Improved Techniques for Analyzing Material Control and Accounting Data
   Description - Assist the NRC in applying the inventory difference simulation model to two major operating strategic special nuclear material fuel cycle facilities designated by the NRC.
   Period of Performance - Eight and one-half months
   Sponsor - Office of Nuclear Material Safety and Safeguards
   Status - Best and Final Offers received April 3, 1979. Revised proposals sent to panel members for evaluation April 4, 1979.

ENCLOSURE A

2. RFP RS-NRR-79-134
   Title - Tearing Stability Analyses for Light Water Reactor Piping
   Description - The contractor shall perform elastic-plastic tearing stability analyses for LWR piping using various anticipated and postulated flow sizes and stress conditions. The NRC will use the results of this program to determine if unstable ductile crack extension will occur for the anticipated and postulated flow and stress conditions for LWR piping.
   Period of Performance - One and one-half years
   Sponsor - Office of Nuclear Reactor Regulation
   Status - Proposals submitted to panel for evaluation on April 10, 1979.

CONTRACTS CLOSED OUT
(All administrative action complete and final payment made)

Contract No.	Organization	Close Out Date
AT(49-24)-0128	Rand Corp.	04/06/79
AT(49-24)-0228	Lulejian & Assoc.	04/06/79
AT(49-24)-0040	Charles River Assoc.	03/21/79
AT(49-24)-0001	Charles River Assoc.	03/21/79
NRC-02-77-150	TRW, Inc.	01/29/79
NRC-02-77-086	R&D Assoc.	01/29/79

ENCLOSURE A

ITEMS OF INTEREST
DIVISION OF SECURITY
WEEK ENDING APRIL 13, 1979

On April 9, 1979, a representative of the Division of Security accompanied representatives of the Office of Nuclear Reactor Regulation (NRR) to Fort St. Vrain, Denver, Colorado in order to discuss proposed 10CFR Parts 95 and 25 and their potential impact on the Licensee and their security program.

During the first quarter of 1979, the Information Security Branch expended over 800 manhours conducting classification/declassification of over 8,500 pages of information. A major portion of these 8,500 pages of information was subject to Freedom of Information Act Requests.

ENCLOSURE A

DIVISION OF TECHNICAL INFORMATION AND DOCUMENT CONTROL*

Week Ending April 13, 1979

TRANSLATIONS

The following translations were received by the Division of Technical Information and Document Control during the week of April 9 - 13, 1979. Copies of these translations will be available in the Library.

German

Compilation of the Safety Technology Design of A Nuclear Power Plant with Boiling Water Reactor Type 72 and of the Radiation Exposure During Operation. Phase 1. Published by the Bundesminister des Innern, F. R. Germany. June 1976. 29 pages. Cost of translation: $1,000.00. TIDC 526.

PHDR 2 - 78. High Pressure Reactor -- Safety Program. "Non-Destructive Testing and Material Studies for the Determination of the Initial Status of the High Pressure Reactor Pressure Vessel." W. Schmulling. (HDR Safety Project). Nuclear Research Center, Karlsruhe, F.R. Germany. July 1978. 116 pages. Cost of translation: $364.00. TIDC 541.

Japanese

JAERI-M 7982. Preliminary Calculation for Fission Products Generation and Accumulation in Different Types of Fuel Rods by Computer Code FPRM-1. Nasumi, Ishiwatar. Japan Atomic Energy Research Institute, Tokai-Mura, Naka-gun, Ibaraki-Ken, Japan. November 1978. 21 pages. Cost of translation: $651.04. TIDC 551.

JAERI-M 7983. Release of Fission Products from a Fuel Rod with an Artificial Hole Through Classing Irradiated in an In-Pile Water Loop (No.2). Nasumi, Ishiwatar. Japan Atomic Energy Research Institute, Tokai-Mura, Naka-gun, Ibaraki-Ken, Japan. November 1978. 23 pages. Cost of translation: $540.00. TIDC 552.

*This entry deleted from PDR copy.

ENCLOSURE A

OFFICE OF NUCLEAR REACTOR REGULATION

WEEKLY ITEMS OF INTEREST
(Week Ending April 13, 1979)

Point Beach Units 1 and 2

Authorization was granted April 4, 1979 to increase the storage capacity of the spent fuel pool from 351 to 1502 spent fuel assemblies. A hearing was originally scheduled on this matter, but was dismissed when a settlement agreement was entered into among intervenor (Lakeshore Citizens for Safe Energy), licensee (Wisconsin Electric Power Company) and the NRC staff.

St. Lucie Unit 1

Contrary to earlier plans, Florida Power & Light Company has notified us that they do not plan to chemically clean the St. Lucie steam generators during the upcoming refueling outage. They believe that further testing is required to support the feasibility and to justify the expense of chemical cleaning.

La Crosse

OI&E Region III notified the Project Manager on 4/6/79 that the licensee has discovered some failed fuel during the current reload outage. The first fuel assembly removed from the core had a six inch length of a fuel pin missing. The licensee thought it was damaged during removal. The missing piece is thought to be retrievable. The assembly has a relatively high burnup (~14,500 MWD/MTU); it was scheduled to be removed from the core this refueling. Several other assemblies show some signs of degradation. The licensee is continuing to inspect all assemblies and will notify us in a few days of their findings.

ENCLOSURE B

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING APRIL 13, 1979

1. Epidemiologic Studies Related to Three Mile Island Incident: On April 5, 1979, Robert Goldsmith and Robert Baker met with Dr. Gary Stein of the Center for Disease Control, HEW, and Dr. George Tokuhata of the Pennsylvania Department of Health to discuss possible epidemiologic studies related to the incident at Three Mile Island. The preliminary plan developed by Dr. Tokuhata includes the following aspects:

   A. Development of an "impact area population registry" including all persons residing within a five-mile radius of the plant. A "control registry" including persons residing some 50 miles upstream will also be developed.

   B. Planned observational studies of health impacts including:

      (1) pregnancy outcome
      (2) mortality among the aged
      (3) cytogenetic studies of fetal wastage
      (4) follow-up of infants
      (5) possible psychological/stress effects.

   It was stressed that the doses received by the population were too low to be able to detect radiation-related health effects. However, the proposed studies would assess health effects due to the incident, per se, with potential application of future emergency planning. Additional funding is required for these studies and the possibility of financial backing from the Federal government (particularly HEW or NRC) was discussed.

   On April 6, 1979 another meeting was held at the National Cancer Institute's (NCI) offices in Bethesda to discuss the possible followup studies. The meeting was requested by Mark Nelson, CDC. Attending were Mark Nelson, CDC; Marvin Rosenstein, FDA/BRH; Charles Land and John Boice, NCI; and Michael Parsont and Robert Goldsmith, SD.

   It was the consensus of the attendees that, since the reported radiation exposures to the population in the area were so small, that there may be little value for a radiation epidemiology study. If any radiation studies were to be performed, however, the emphasis should be on dosimetry.

   [Contact: R. Goldsmith]

ENCLOSURE C

2. Meeting of NRC/DOT/FHWA/FERC Staff on Seismic Criteria for LNG Facilities: On April 9, 1979, at the request of the Department of Transportation, a meeting was held between NRC, DOT, Federal Highway Administration, and the Federal Energy Regulatory Commission staff. The purpose of the meeting was to open staff level exchange of technical information on seismic issues. The meeting focused on the seismic aspects of a proposed DOT regulation on Liquified Natural Gas (LNG) facilities published in the Federal Register on February 8, 1979. Several major differences exist between the DOT and NRC rules. The most substantive being the emphasis given in the DOT rule on the use of probabilistic analysis. A major concern expressed by the NRC staff in using such analysis is the need for adequate data and more rigorous guidance to implement the procedures in the rule. The DOT staff expressed a desire for additional meetings with the NRC staff and indicated that they plan to request through appropriate channels official NRC comments on their proposed rule.

   [Contact: G. Robbins]

3. Publication of Proposed Rule on Radiation Safety Committees for Hospitals: On April 9, 1979 a proposed amendment to Part 35 was published in the Federal Register that would require hospitals to appoint a radiation safety committee rather than the presently required medical isotopes committee. the proposed radiation safety committee would focus on radiation safety and have a simplified membership which would be easier to recruit for smaller hospitals. The 60-day comment period ends on June 8, 1979.

   [Contact: Ed Podolak]

4. On April 10, 1979, staff from SD and NMSS, together with representatives from the Department of Energy and Department of Transportation, met with Dr. Rudi Neider, principal organizer of the 6th International Symposium on Packaging and Transportation of Radioactive Material (PATRAM '80) to be held in Berlin, FRG on November 10-14, 1980. Dr. Neider is from the Bundesanstalt fur Material Prufung (BAM), the German equivalent of our National Bureau of Standards. Both DOE and DOT expect to actively participate in the planning, preparation, and operation of the Symposium. NRC representatives tentatively declined the informal invitation to actively participate in the planning phase.

   SD staff met April 11, 1979, with Mary Daly, U. S. Attorney representing NRC and other Federal agencies in a 1975 lawsuit brought by New York State to halt the air transportation of special nuclear material. Ms. Daly is the new principal attorney on this case, and was seeking background information on the case and details concerning areas at issue.

ENCLOSURE C

Publications Issued During the Week of April 9-13, 1979

Reg. Guide 3.43, Rev. 1 - Nuclear Criticality Safety in the Storage of Fissile Materials [Issued to Reflect Comments]

Division 2 - Research and Test Reactors - Table of Contents

Regulatory Guides to be Issued in the Near Future

1. Title: Qualification Tests of Electric Cables and Field Splices for Light-Water-Cooled Nuclear Power Plants (Reg. Guide 1.131, Rev. 1)

   Expected Issuance Date: June 1979

   Description: Describes a method acceptable to the NRC staff for complying with the Commission's regulation with regard to qualification testing of electric cables and field splices for service in light-water-cooled nuclear power plants to assure that the cables, and connections can perform their safety-related functions. The fire test provisions of this guide do not apply to qualification for an installed configuration.

   Contact: A. S. Hintze
   443-5913

2. Title: A-C Power Systems (Onsite) - Rev. 2 to SRP Section 8.3.1

   Expected Issuance Date: June 1979

   Description: Standard Review Plan (SRP) 8.3.1, "A-C Power Systems (Onsite)" includes those power sources, distribution systems, and vital supporting systems provided to supply power to safety-related equipment and capable of operating independently of the offsite power system.

   Contact: A. S. Hintze
   443-5913

ENCLOSURE C

3. Title: Selection, Design, and Qualification of Diesel-Generator Units Used As Standby (Onsite) Electric Power Systems at Nuclear Power Plants (Reg. Guide 1.9, Rev. 2)

Expected Issuance Date: August 1979

Description: This guide describes a method acceptable to the NRC staff for complying with the Commission's requirements that diesel-generator units intended for use as onsite power sources in nuclear power plants be selected with sufficient capacity and be qualified for this service.

Contact: A. S. Hintze
443-5913

ENCLOSURE C

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending April 13, 1979

Homestake FES Completed

The Final Environmental Statement for Homestake Mining Company's proposed Pitch Project Uranium Mine and Mill, Saguache County, Colorado, has been completed by the Uranium Recovery Licensing Branch and sent to the U.S. Forest Service who will publish the statement. The statement was prepared by NRC staff in response to requests by the Forest Service and the state of Colorado. The proposed 600-ton per day mill will use a carbonate leach process to extract the uranium. The mill tailings will be buried on-site at the head end of a natural valley. The statement includes recommended conditions for stabilization and reclamation of the tailings area and decommissioning of the mill site as well as other conditions for the protection of the environment.

Meeting re Draft NRC High-Level Waste Program Plan

On April 6, 1979, J. B. Martin and J. C. Malaro met with Dave Moeller and Steve Larowski (ACRS) to discuss the draft NRC High-Level Waste Management Program Plan. The discussion was in preparation of a presentation of the plan to the ACRS Waste Management Subcommittee at their April 18-20, 1979, meeting in Richland, Washington. Copies of the draft plan have been sent to members of the ACRS Subcommittee for their review and comments.

Maxey Flats Site

The state of Kentucky has advised NECO that they do not wish to renew their contract to operate the Maxey Flats site (expires June 30, 1979). The Finance Resource Department of Kentucky contacted the Low-Level Waste Licensing Branch for a list of our BOA contractors. The names of the firms on the list qualified for all tasks were provided, however, specific recommendations relative to the quality of each firms' work performance was not. Kentucky plans to solicit bids from NECO, Chem Nuclear, Dames & Moore, NUS, and some of the firms on our BOA list within the next few weeks.

ENCLOSURE D

Kerr-McGee West Chicago, Illinois Facility

A meeting was held on April 10, 1979, with representatives of Kee-McGee Chemical Corporation (led by Mr. J. L. Reiney, President) to discuss the decommissioning plan for the West Chicago, Illinois site submitted to us in December 1978. Kerr-McGee was informed that the decommissioning plan was unacceptable and would have to be redone. A schedule for resubmission of the plan will be developed after Kerr-McGee has time to review the comments and to define the work needed to meet our requirements.

The Mayor of West Chicago, Illinois, was informed of the status of the Kerr-McGee submittal and he stated that he had instructed the city attorney to take appropriate legal action against Kerr-McGee. He also stated that a petition signed by approximately 1,000 concerned citizens was being sent to Washington, D. C., demanding that some action be taken. He did not know whether it was going to Congress, EPA or NRC, but he assumed it would end up at NRC.

Visit by FRG Representatives (April 10-11, 1979)

Members of the Division of Safeguards met with two representatives of the FRG Ministry of the Interior to discuss areas of mutual interest regarding transportation of spent reactor fuel and research related to sabotage vulnerability of spent fuel shipping casks. Additional discussions were held pertaining to the broader areas of material accounting, physical protection, and international safeguards.

Peer Review of Use of Strategic Analysis

Dr. Ralph Lumb, NUSAC, presented the findings and recommendations of the Peer Review Panel on application of Strategic Analysis to material control and accounting. Dr. Lumb distributed a draft copy of the conclusions and recommendations of a consensus report of the Peer Review Group. The final report will be delivered to the NRC on April 15 for publication. The conclusion of the Review Group was that game-theory should have broad utility in the safeguards program. The present formulation, however, is not sufficiently convincing in composition and behavior to be suitable for application at this time. There needs to be a research, development, test and evaluation effort oriented toward the

development of a convincing game-theoretic approach with an understanding of the sensitivity of each component in the formulation that contributes to the solution. The Peer Review Group recommended that NRC take steps to improve the game theory as a decision making tool. The group felt even if the attempt to develop game theoretic approach fails to yield a fully operational method, the effort will at least force the systematic and logical assessment of how NRC should employ information from material accounting in determining what action to take in response to an inventory difference.

Issuance of Order

An Order to Show Cause (Immediately Effective) was issued on April 6, 1979, to eighteen (18) owners/users of the Model No. NFS-4 packagings suspending the general license for their use. During a meeting on March 28, 1979, NMSS was informed by Nuclear Assurance Corporation (NAC) that a cask NAC sold to Duke Power Company has one or more shells which is warped or bowed in an apparent violation of NRC Certificate of Compliance No. 6698. The safety implications of this reported defect are not known; however, this could represent a substantial reduction in the effectiveness of the packaging. The order also requires the owner/user to evaluate deviations from the approved design, and Commission approval prior to returning of the packagings to service. A meeting has been scheduled for April 17, 1979, to discuss planned physical measurements with NAC, Nuclear Fuel Services, Duke Power Company, I&E, and NMSS.

Misadministration

On April 6, 1979, NMSS received a telephone report from a consultant/physicist that a patient being treated for bone metastases had been given 3 millicuries of phosphorus-32 as collodial chromic phosphate, rather than the intended soluble phosphate. The absorbed dose to the liver, the organ in which the colloid form concentrates, is estimated to be about 900 rads. The patient has been informed of the misadministration. The radioactive drug was properly labeled by the manufacturer. The physicist would not identify the name of the hospital.

On April 11, 1979, an NRC staff member telephoned the hospital at which it was believed the incident occurred and the hospital staff confirmed that a misadministration had occurred. On April 13, 1979, an NRC staff member visited the hospital. The initial telephone report to Headquarters on the morning of April 13 was that the hospital personnel denied the misadministration occurred at the hospital and that a review of the records does not indicate a misadministration. The NRC staff member is continuing to look into the matter.

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending April 13, 1979

1. Preliminary Notifications relating to the following actions were dispatched during the past week:

   a. PNO-79-67K through 67T Three Mile Island Unit 2 - Nuclear Incident at Three Mile Island Unit 2 - These Preliminary Notifications were issued to provide updated status information regarding the incident.

   b. PNO-79-75 LaCrosse - Abnormal Fuel Cladding Degradation - During removal of a fuel assembly, a 6-inch section of fuel pin fell out of the assembly and lodged upon another fuel assembly. (Closed. See PNO-79-80, below)

   c. PNO-79-76 Farley Unit 1 - Injury to Workman in Containment Building - A pipe engineer working in the Unit 1 containment building fell 38 feet. Unit 1 has been in cold shutdown for refueling for about 30 days. The worker was taken to a hospital and was subsequently released. He has returned to work. (Closed)

   d. PNO-79-70 (Misnumbered) Crystal River Unit 3 - Unanticipated Load Reduction - While operating at 100% power, leakage from one reactor coolant pump increased. The pump was shut down and power reduced to 75%. When the licensee subsequently attempted to change the turbine load limiter control from 100% to 75%, the load limiter instantaneously dropped to zero demand. This resulted in an unexpected down-ramp of turbine control valves and electrical output decreased from 600 to 150 Mwe. Reactor pressure rose to 2250 psig and was quickly reduced to 1970 psig by the pressurizer relief valves. The pressurizer stabilized at 2100 psig in about two minutes. The main steam safety valves opened to relieve excess secondary steam pressure. During the transient, a 65-inch swing in pressurizer level was experienced. All safety features functioned as expected. The licensee plans to continue operation at 75% power until the refueling outage on April 24, 1979 when the turbine load limiter and the pump seal will be repaired. (Closed)

   e. PNO-79-77(NRR) Review of Operational and System Problems Identified During the Three Mile Island Incident - It has been determined that in some Westinghouse designed facilities, coincident low pressurizer pressure and low pressurizer level signals are required to actuate safety injection. In addition, preliminary analyses of a small break in the pressurizer indicate that pressurizer level may remain high while pressurizer pressure continues to decrease. In such a case, safety injection would not automatically occur, and reliance by the operator on pressurizer level could possibly lead to erroneous actions. On April 7, 1979, Westinghouse advised owners of plants of this information. (Closed)

ENCLOSURE E

f. PNO-79-78 Indian Point Unit 3 - Unit Shutdown Due to a Feedwater Valve Malfunction - On April 10, 1979, Unit 3 shut down due to a feedwater regulating valve malfunction which caused the reactor to trip as a result of low steam generator water level. All systems functioned normally. The cause of the valve malfunction was a crack in the 1/4" instrument air line between the signal converter and the valve positioner. Repairs were made and the unit was restarted. (Closed)

g. PNO-79-79 Abbott Laboratories, North Chicago, Illinois - Lost Source of Nominal 0.992 Millicuries of Iodine-125 During Shipment - The licensee reported that a shipment of about one millicurie of iodine-125 in liquid form was apparently lost. The material was shipped from the licensee's facilities on March 19, 1979. The material was consigned to the Charleston Area Medical Center, Charleston, West Virginia. It is suspected that the shipment was delivered to another hospital in the Charleston, West Virginia area and has not been reported. Efforts to locate the shipment have been unsuccessful. (Closed)

h. PNO-79-80 LaCrosse - Abnormal Fuel Cladding Degradation - A second section of a fuel pin fell out of an fuel assembly when removing the fuel assembly. (See PNO-79-75.) Both fuel pin sections have been recovered. Six other assemblies had visual indications of cracking and three had possible cracking indications. All fuel with defects will not be reinstalled in the core. The licensee plans to meet with NRR to discuss this matter. (Closed)

i. PNS-79-29 Diablo Canyon Units 1 & 2 - Bomb Threat - No bombs were found and none exploded. (Closed)

j. PNS-79-30 Hartsville Nuclear Plant - Bomb Threat - No bombs were found and none exploded. (Closed)

k. PNS-79-31 LaSalle - Bomb Threat - No bombs were found and none exploded. (Closed)

l. PNS-79-32 Diablo Canyon Units 1 & 2 - Bomb Threat - No bombs were found and none exploded. (Closed)

2. IE Bulletin 79-06, "Review of Operations Errors and System Misalignments Identified During the Three Mile Island Incident," was issued on April 11, 1979, to all pressurized water power reactor facilities with an operating license except B&W facilities.

ENCLOSURE E

OFFICE OF NUCLEAR REGULATORY RESEARCH

Important Items - Week Ending April 14, 1979

Power Burst Facility

The Power Burst Facility performed three nuclear blowdown tests to scope the expected behavior of LOFT reactor fuel elements in planned LOFT tests L2-3, L2-5 and L2-4. Pretest predictions suggested increasingly severe clad overheating and collapse of the unpressurized LOFT fuel rod cladding during the blowdown portions of the three LOFT tests, but measured peak clad temperatures were 180°F to 360°F below predicted peak clad temperatures. There was very little evidence of clad damage to the unpressurized rods even at the most severe test conditions. The three PBF tests are described as follows:

- PBF test LLR-3 was run at peak rod powers of 40kW/m (12 kW/ft) and with the same peak rod power, loop depressurization cycle and reactor scram time that is planned for LOFT test L2-3. The peak clad temperatures of the four LLR-3 test fuel rods ranged from 1230°F to 1305°F, about 180°F lower than pretest calculations had predicted. Based on these test results, the unpressurized LOFT fuel rods would undergo little, if any, damage at this peak clad temperature for the planned LOFT loop depressurization cycle.

- PBF test LLR-5 was then run at peak rod powers of 40kW/m (12 kW/ft), but reactor scram was delayed until two seconds after the initiation of blowdown, in order to increase the fuel rod stored energies and peak clad temperatures. This is the same set of test conditions planned for LOFT test L2-5. The peak clad temperatures of the four LLR-5 test fuel rods ranged from 1340°F to 1375°F also about 180°F lower than predicted and low enough that an unpressurized LOFT rod subjected to the same loop pressure-clad temperature cycle would undergo very little clad damage.

ENCLOSURE F

- PBF test LLR-4 was run at peak rod powers of 53kW/m (16kW/ft) and with reactor scram delayed until three seconds after the initiation of blowdown. PBF test LLR-4 is the companion test to the planned LOFT test L2-4, but without delayed scram in L2-4. The peak clad temperatures of the LLR-4 test rods were from 1565°F to 1655°F, about 270°F lower than had been predicted. There was, however, an unplanned coolant valve cycling that caused the four LLR-4 test rods to quench early and keep the peak clad temperatures from rising perhaps an additional 90°F. At these temperatures and associated loop pressures, some LOFT fuel rod cladding collapse would be likely.

LOFT

Preparations are continuing for the second nuclear experiment in LOFT (L2-3) scheduled for May 1. This test will simulate an accident involving the sudden rupture of a coolant inlet pipe when the reactor is operating at a power level of about 38MWt, which corresponds to the nominal power density in a commercial LWR (12kW/ft linear heat generation rate).

The plant is being raised to operating temperature and pressure, and while hot the reactor will be taken critical and the secondary system will be checked out. After these checkout tests, the plant will be shut down for additional maintenance before the L2-3 experiment.

ENCLOSURE F

OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

FOR THE WEEK ENDING APRIL 13, 1979

EPA Proceeding on Health Effects of Radioactive Pollutants

On April 11, 1979 EPA published in the Federal Register a notice requesting members of the public and Federal agencies to submit information and data on the possible health effects of radioactive air pollutants to enable the Administrator to determine whether or not radioactive pollutants may reasonably be anticipated to endanger public health. The notice provides an opportunity to request an informal public hearing. Such requests must be received by EPA by April 23, 1979. If an informal public hearing is called, it will be held on May 16, 1979. Written responses to the notice are due on May 22, 1979.

ENCLOSURE G

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING APRIL 13, 1979

INTERNATIONAL COOPERATION

Foreign Response to TMI Situation

IP is making arrangements for eight official delegations (from the Governments of the FRG, Spain, Sweden, Italy, Switzerland, Denmark, Japan and Taiwan) to be briefed by NRR, IE, and SP on Thursday, April 19, on the course and status of the Three Mile Island incident. Several of the groups are investigative teams who will have to submit reports to their respective Parliaments by the first and second weeks of May. Twenty to twenty-five representatives are expected to attend. A visit to Middletown for a short briefing by onsite NRC personnel is also being planned.

Meetings with German Physical Security and Safeguards Experts

Dr. Dietrich Leven and Dr. Wolfgang Wurtinger met with NRC (RES, NMSS, NRR and IP) staff on April 10 and 11 for discussions on two subjects: (a) possible German participation in proposed research at Battelle-Columbus on radioactive releases from spent fuel transportation casks and (b) NRC regulations and experience in safeguards and physical security compared to current and proposed regulations and practice in Germany. Leven and Wurtinger are employees of the GRS in Cologne, FRG, and are under contract to the Ministry of Interior, the ministry with which NRC has its regulatory exchange agreement. Arrangements were made by IP and DOE for Leven and Wurtinger to visit LLL, LASL and Sandia following their visit to NRC.

* ### Foreign Reports

The following foreign reports were received at IP during the week of April 9-13. For further information contact Ann McLaughlin (X27788). (** indicates report is in English.)

From West Germany

1. GRS-13 Safety Container From Nuclear Power Plants

2. GRS-23 Policy Statement Regarding Nuclear Energy Questions. The Nuclear Fuel Cycle Including Essential Safety Aspects.

ENCLOSURE H

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING APRIL 13, 1979

State Agreements

A State Agreements staff member and representatives of NMSS will meet with Kansas officials on April 17 and 18 to discuss technical assistance NRC may provide to the State in evaluating a pending application for a low level waste storage facility.

Emergency Preparedness

The California Legislature Subcommittee on Energy will hold a hearing on Monday, April 16, on emergency response to nuclear power plant accidents. Robert DeFayette, SP will testify at this hearing for NRC.

On April 11th Hal Gaut met with representatives of Maryland State Emergency Services and Department of Health to discuss development of the final version of the State Radiological Plan. On Monday, April 16th, he will meet with the State of Minnesota for the same purpose. IE Region III staff working with SP on Radiological Emergency Response Planning, met with the Governor of Illinois and his key staff on April 9, 1979 to determine the future assistance required by the State in upgrading their planning effort.

ENCLOSURE I

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

Week Ending - April 13, 1979

Three Mile Island Chronology

Prepared a chronology for EDO and Chairman describing the Three Mile Island incident and NRC's response. Provided additional support to the Executive Management Team.

Questions from Commissioner Gilinsky

Responded to questions from Commissioner Gilinsky's office on population distribution at nuclear power plants and other subjects.

Question from Commissioner Ahearne

Analyzed U.S. and Japan data on time-to-issuance of nuclear reactor construction permits and construction durations. The purpose of the paper was to quantify and compare practices in the two countries with respect to patterns and trends in the time required to license and construct nuclear power reactors.

Questions from Senator Glenn

Edited and coordinated answers to questions on low-level radiation from March 6-7 hearings.

ENCLOSURE J

CALENDAR OF SIGNIFICANT EVENTS

For Two Week Period Ending April 30, 1979

April 18	Allens Creek - Prehearing Conference
April 19	Susquehanna 1 & 2 - Meeting to discuss physical security plan
April 20	Salem 2 - SER Supplement No. 4 to be issued
April 24	New Haven 1 & 2 - Meeting to discuss reactor safeguards
April 25-26	Palo Verde 1, 2 & 3 - Caseload Forecast Panel Site Visit

ENCLOSURE L

ITEMS APPROVED BY THE COMMISSION - RECEIVED WEEK ENDING APRIL 13, 1979

A. SECY-79-235 - POSSIBLE DETERMINATION OF AN EXTRAORDINARY NUCLEAR OCCURRENCE AT THREE MILE ISLAND UNIT 2 (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/9/79)

This is to advise you that the Commission (with all Commissioners in agreement) has decided that any determination concerning an extraordinary nuclear occurrence should be deferred and that the Commission should not meet at this time to consider Price-Anderson Act implications.

Attached for your information is a copy of a memorandum on this subject from the General Counsel to the Commissioners, dated April 3, 1979. The Commissioners agree with the recommendation and course of action outlined in this memorandum.

The Offices of Nuclear Reactor Regulation and Executive Legal Director were informed of this action by telephone on April 6, 1979. (Attachment not included)

B. SECY-78-640A - APPROVAL OF A PROPOSED LICENSE TO EXPORT HIGH-ENRICHED URANIUM TO FRANCE (LICENSE APPLICATION NO. XSNM01232, SECY-78-640) (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/9/79)

This is to advise you that the Commissioners have reviewed the subject license to Transnuclear Incorporated. The Commission (with all Commissioners concurring) has accepted your recommendation to export to France 23.058 kilograms of uranium, enriched to 93.3% U-235, in the form of uranium hexafluoride.

In connection with his concurrence, Commissioner Gilinsky noted that Page 4 of the subject paper mentions the possibility of lower enrichment and asked this question: "How low can it go without appreciably degrading performance of the reactor?"

Commissioner Bradford would like a brief description of the physical security measures required for this export.

The Office of International Programs was informed of this action by telephone on April 9, 1979.

It is requested that you accomplish the following:

1. Provide notification of the issuance and delivery of this license to Transnuclear by c.o.b. April 11, 1979.

2. Provide a response to the requests of Commissioners Gilinsky and Bradford through the Office of the Secretary by c.o.b. April 20, 1979.

ENCLOSURE M

C. SECY-79-132 - PROPOSED EXCHANGE OF LWR SAFETY AND REGULATORY INFORMATION AND COOPERATION IN LWR SAFETY RESEARCH WITH THE U.S.S.R. (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/9/79)

This is to advise you that the Commission (with four Commissioners concurring and Commissioner Gilinsky noting without objection) has noted the status of the proposed NRC-Soviet LWR safety exchange and cooperation arrangement, and approved dispatch of the letter, with its accompanying enclosure, to Dr. L. Voronin.

The Office of International Programs was informed of this action by telephone on April 9, 1979.

It is requested that you forward to the Office of the Secretary a copy of the letter after signature and dispatch by the Deputy Director of International Programs.

D. SECY-79-102A - PROPOSED LICENSE TO EXPORT SOURCE MATERIAL TO CANADA (XU-8434, SECY-79-102) (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/10/79)

This is to advise you that the Commissioners have reviewed the subject license to Mitsubishi International Corporation. The Commission (with all Commissioners concurring) has accepted your recommendation to export to Canada 538,511 kilograms of natural uranium concentrates in the form of U_3O_8.

The Office of International Programs was informed of this action by telephone on April 9, 1979.

It is requested that you provide notification of the issuance and delivery of this license to Mitsubishi by c.o.b. April 12, 1979.

ENCLOSURE M

E. SECY-79-120A - APPROVAL OF PROPOSED LICENSE TO IMPORT LOW ENRICHED URANIUM AS UO_2 (LICENSE APPLICATION ISNM79004) (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/10/79)

This is to advise you that the Commissioners have reviewed the subject license to Exxon Nuclear Company, Inc. The Commission (with all Commissioners concurring) has accepted your recommendation to import from West Germany 27,000 kilograms of uranium, enriched to 5% U-235, in the form of UO_2 pellets.

The Office of International Programs was informed of this action by telephone on April 9, 1979.

It is requested that you provide notification of the issuance and delivery of this license to Exxon by April 12, 1979.

F. SECY-79-639A - APPROVAL OF A PROPOSED LICENSE TO EXPORT HIGH-ENRICHED URANIUM TO THE NETHERLANDS (LICENSE APPLICATION NO. XSNM01212, SECY-78-639) (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/11/79)

This is to advise you that the Commissioners have reviewed the subject license to Transnuclear, Incorporated. The Commission (with all Commissioners concurring) has accepted your recommendation to export to the Netherlands 19.8 kilograms of uranium, enriched to 93.3% U-235, in the form of U_3O_8.

In connection with his concurrence, Commissioner Gilinsky provided the following comments: "Is the research presently going on in DOE or contractor facilities or anywhere else directly relevant to the conversion of this facility to LEU? Is it absolutely out of the question technically to convert this reactor to lower enriched uranium? It would be useful if the Commission expressed its concern about the need to complete facility attachments."

Commissioner Bradford would like a brief description of the physical security measures required for this export.

The Office of International Programs was informed of this action by telephone on April 10, 1979.

It is requested that you accomplish the following:

1. Provide notification of the issuance and delivery of this license to Transnuclear by c.o.b. April 13, 1979.

2. Provide a response to the comments/requests of Commissioners Gilinsky and Bradford by c.o.b. April 27, 1979.

ENCLOSURE M

G. SECY-78-643A - APPROVAL OF A PROPOSED LICENSE TO EXPORT HIGH ENRICHED URANIUM TO SWEDEN (LICENSE APPLICATION NO. XSNM01248, SECY-78-643) (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/11/79)

This is to advise you that the Commissioners have reviewed the subject license to Transnuclear, Incorporated. The Commission (with all Commissioners concurring) has accepted your recommendation to export to Sweden 17.043 kilograms of uranium, enriched to 93.3% U-235, in the form of uranium hexafluoride.

In connection with his concurrence, Commissioner Gilinsky posed the following questions: "Is the research presently going on in DOE or contractor facilities or anywhere else directly relevant to the conversion of this facility to LEU? Is it absolutely out of the question technically to convert this reactor to lower enriched uranium?"

The Office of International Programs was informed of this action by telephone on April 10, 1979.

It is requested that you accomplish the following:

1. Provide notification of the issuance and delivery of this license to Transnuclear by c.o.b. April 13, 1979.

2. Provide a response to Commissioner Gilinsky's questions through the Office of the Secretary by c.o.b. April 25, 1979.

H. SECY-79-196 - ISSUANCE OF FEDERAL REGISTER NOTICE OF PROPOSED RULEMAKING TO IMPLEMENT SECTION 504 OF THE REHABILITATION ACT OF 1973 TO PREVENT DISCRIMINATION AGAINST THE HANDICAPPED IN FEDERALLY ASSISTED COMMISSION PROGRAMS (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/11/79)

This is to advise you that the Commission (with four Commissioners concurring and Commissioner Gilinsky noting without objection) has approved the staff's recommendations in the subject paper. In connection with his concurrence Commissioner Bradford requested that the staff perform a review of Appendix A to Part 4 to ensure that all NRC grant programs are included. Subsequent to the requested review the staff should prepare the FRN for publication and inform OCA to notify the appropriate Congressional committees.

I. SECY-79-164 - ABNORMAL OCCURRENCE RECOMMENDATION - EXTORTION ATTEMPT INVOLVING ALLEGED THEFT OF LICENSED MATERIAL (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/11/79)

This is to advise you that the Commission has reviewed the subject paper and (with four Commissioners concurring and Chairman Hendrie non-concurring) concurs with staff's recommendations subject to modification as attached.

The staff should prepare a Federal Register Notice in accordance with the attached comments. OCA will notify the appropriate Congressional Committees.

In his non-concurrence Chairman Hendrie commented in part as follows: "I class this as an appropriate 'Other Event'... Abnormal occurrences, by statute, are 'significant from the standpoint of public health and safety.' This event, to my mind, does not meet that standard. The event does meet one of the subsidiary criteria (theft of SNM) and thus should be included in the Other Events section."

Commissioner Gilinsky commented in his concurrence that it was a marginal decision to classify this as an abnormal occurrence.

Commissioner Kennedy commented in his concurrence in part, "My concurrence in this matter should not be regarded as setting a precedent for the use of criterion example I.C.2 in the future; but rather, it should be regarded as an endorsement of reporting this event as an AO due to the particular circumstances and visibility associated with it. Under other circumstances and in consideration of criterion example I.C.1, I believe that this event would be best characterized as an 'Other Event of Interest'."

Commissioner Ahearne noted in his concurrence, "I agree this is a reasonable description of what happened. I don't understand how this was 'significant from the standpoint of public health and safety.' See e.g., 2nd paragraph of p. 4."

ENCLOSURE M

J. SECY-78-642A - APPROVAL OF A PROPOSED LICENSE TO EXPORT HIGH-ENRICHED URANIUM TO SWEDEN (LICENSE APPLICATION NO. XSNM 01247 SECY-78-642) (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/11/79)

This is to advise you that the Commissioners have reviewed the subject license to Transnuclear, Incorporated. The Commission (with all Commissioners concurring) has accepted your recommendation to export to Sweden 22.055 kilograms of uranium, enriched to 93.3% U-235, in the form of uranium oxide.

In connection with his concurrence, Commissioner Gilinsky posed the following questions: "Is the research presently going on in DOE or contractor facilities or anywhere else directly relevant to the conversion of this facility to LEU? Is it absolutely out of the question technically to convert this reactor to lower enriched uranium?"

The Office of International Programs was informed of this action by telephone on April 10, 1979.

It is requested that you accomplish the following:

1. Provide notification of the issuance and delivery of this license to Transnuclear by c.o.b. April 13, 1979.

2. Provide a response to Commissioner Gilinsky's questions through the Office of the Secretary by c.o.b. April 25, 1979.

ENCLOSURE M

K. SECY-78-641A - APPROVAL OF A PROPOSED LICENSE TO EXPORT HIGH-ENRICHED URANIUM TO THE NETHERLANDS (LICENSE APPLICATION NO. XSNM01238, SECY-78-641) (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/11/79)

This is to advise you that the Commissioners have reviewed the subject license to Transnuclear, Incorporated. The Commission (with all Commissioners concurring) has accepted your recommendation to export to the Netherlands 20.5 kilograms of uranium, enriched to 93.3% U-235, in the form of uranium hexafluoride.

In connection with his concurrence, Commissioner Gilinsky provided the following comments: "Is the research presently going on in DOE or contractor facilities or anywhere else directly relevant to the conversion of this facility to LEU? Is it absolutely out of the question technically to convert this reactor to lower enriched uranium? It would be useful if the Commission expressed its concern about the need to complete facility attachments."

Commissioner Bradford would like a brief description of the physical security measures required for this export.

The Office of International Programs was informed of this action by telephone on April 10, 1979.

It is requested that you accomplish the following:

1. Provide notification of the issuance and delivery of this license to Transnuclear by c.o.b. April 13, 1979.

2. Provide a response to the comments/requests of Commissioners Gilinsky and Bradford by c.o.b. April 27, 1979.

ENCLOSURE M

CALENDAR OF SPEAKING ENGAGEMENTS

APRIL

19-20 Second Biennial EEI Standards Conference - Theme: Government Interface with the Voluntary Consensus Standards Organizations and EEI's New Posture in the Standards World - Guy Arlotto

26 Westinghouse Research Laboratory, Pittsburgh, PA, - The Rasmussen Report Revisited: The Lewis Report on Reactor Safety Assessment - Robert J. Budnitz

MAY

1 State of South Carolina Advanced Management Seminar, Greenwood, SC - NRC Concurrence Program for Fixed Nuclear Facilities - J. W. Hufham

17 National Classification Mangement Society Seminar, Jack Tar Hotel, San Francisco, CA - The NRC Security Program - Classification Management in a Regulatory Agency - Raymond J. Brady

21 Radioactive Waste Management for Nuclear Power Reactors - Rules, Regulations and Standards, Alexandria, VA - I. C. Roberts

23 Annual Records Management Conference of the National Archives, Fredericksburg, VA - Automation of Records Management at NRC - R. Stephen Scott

ENCLOSURE N

STATUS OF NUCLEAR POWER PLANTS — MARCH 31, 1979

Number Of Units		Rated Capacity (MWe)
*70	LICENSED TO OPERATE	51,000
**92	CONSTRUCTION PERMIT GRANTED	101,000
37	Under Operating License Review	40,000
55	Operating License Not Yet Applied For	61,000
28	UNDER CONSTRUCTION PERMIT REVIEW	32,000
** 4	Site Work Authorized, Safety Review in Process	4,000
24	Other Units Under CP Review	28,000
4	ORDERED	5,000
2	PUBLICLY ANNOUNCED	2,000
196	TOTAL	191,000

*To date there have been 449 reactor years of operation. Not included are two operable DOE-owned reactors with a combined capacity of 940 MWe.

**Total of units authorized construction (Construction Permit Granted plus Site Work Authorized): 96 units, 105,000 MWe.

NP1-49

ENCLOSURE 0

UNITED STATES
NUCLEAR REGULATORY COMMISSION

April 27, 1979 SECY-79-298

INFORMATION REPORT

For: The Commissioners

From: T. A. Rehm, Assistant to the Executive Director for Operations

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING APRIL 20, 1979

A summary of key events is included as a convenience to those Commissioners who may prefer a condensed version of this report.

Contents	Enclosure
Administration	A
Nuclear Reactor Regulation	B
Standards Development	C
Nuclear Material Safety and Safeguards	D
Inspection and Enforcement	E
Nuclear Regulatory Research	F
Executive Legal Director	G
International Programs	H
State Programs	I
Management and Program Analysis	J
Controller	K
Calendar of Significant Events	L
Items Approved by the Commission	M**
Calendar of Speaking Engagements	N

T. A. Rehm, Assistant to the
Executive Director for Operations

Contact:
T. A. Rehm
49-27781

*No input this week
**Deleted from Commissioners and PDR copy

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Secretariat

SUMMARY OF KEY EVENTS

Week Ending April 20, 1979

McGuire Units 1 & 2

On 4/18 the ASLB issued an Initial Decision that requires the staff to address the status of the ALAB-444 type generic issues before issuing the operating license.

Evaluation of Health Impact

SD staff met with members of the State Health Department in Harrisburg, Pennsylvania to discuss the State's strategy for the evaluation of the public health impact on the TMI incident. The proposed approach involves development of population registries in affected areas. NRC, among others, was asked by State personnel if they could provide funds for prompt initiation of the registry.

Ionizing Radiation Report

On 4/7 the Interagency (Libassi/HEW) Task Force on Ionizing Radiation report on "Institutional Arrangements" was published for public comment. One of the report's recommendations is to establish an Interagency Radiation Research Committee to coordinate all Federal research on low-level radiation effects, that NIH, HEW, should chair this committee and that NIH (rather than DOE) should assume a major role in research into the biological effects of ionizing radiation. In anticipation of the President's authorizing establishing an interagency committee, NIH is establishing an "HEW" Radiation Research Committee in which other Federal agencies will participate.

Study Group Established

A study group has been established to prepare a Headquarters Radiological and Industrial Safety Plan, license-specific incident response procedures, and a guide to development of FC capabilities for participation in the NRC Incident Response Program as specified in NRC-0502.

Generic Environmental Impact Statement on Uranium Milling

NRC issued the draft generic environmental impact statement (GEIS) on uranium milling for public comment. The document focuses primarily on the problems of uranium mill tailings management and disposal.

Emergency Preparedness

NRC staff attended California Assembly subcommittee hearings. The purpose of the hearings was to take testimony on the Three Mile Island accident and its consequences and to discuss NRC's role in emergency planning.

OFFICE OF ADMINISTRATION

Week Ending April 20, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	Initial Request	Appeal of Initial Decision
Received	158	14
Granted	72	2
Denied	27	4
Pending	59	8

ACTIONS THIS WEEK

Received

(An NRC employee) (79-116)	Requests all documents concerning Vacancy Announcement No. 78-523.
Robert Ruby, The Baltimore Sun (79-117)	Requests all documents relating to Three Mile Island 1 and 2 since March 28, 1979.
James R. Mann, Law Offices (79-118)	Requests the diary, calendar, and telephone log of Commissioner Gilinsky for 1978.
Pat Minarcin, Pennsylvania Illustrated Inc. (79-119)	Requests transcripts of investigatory interviews conducted with control room personnel at the Three Mile Island Unit 2.
Mary E. Conley, Bentley College (79-120)	Requests the outline of the organization of the NRC, the basic health and safeguard standards, and any important cases involving the NRC.
Darryl W. Doss, Pilot Life Insurance Company (79-121)	Requests the names and other available information on NRC employees working in the Tidewater, Virginia area.
Jeffrey D. Littlejohn, (79-122)	Requests daily release rate data for all gaseous and liquid radioactive isotopes for the Three Mile Island Plant and the results of the Confirmatory Measurement Program.
Coral Rose Ryan, Citizens Concerned About Nuclear Power (79-123)	Requests a copy of Prehearing Conference Order Ruling Upon Intervention Petitions served April 4, 1979 and a copy of 10 CFR Part 2.

CONTACT: J. M. Felton
492-7211

ENCLOSURE A

Received, Cont'd

W. Alexander Williams, (79-124)	Requests a copy of an internal memo referred to in Newsweek alleging that the SL-1 nuclear reactor accident in Idaho Falls, Idaho may have involved a "lover's triangle".
Senator Michael C. Kendall, State of Indiana (79-125)	Requests a copy of a 3/69 ACRS report on reactor safeguards, a 6/69 internal staff study by AEC regarding safety of large nuclear reactors, a 11/12/69 ACRS report on reactor safeguards, and a copy of a letter to the AEC Chairman Seaborg regarding safety questions.
Sheila Allee, United Press International (79-126)	Requests all documents on radiation levels in and surrounding the Kerr-McGee plant and the town of Crescent, Oklahoma.
Lloyd Etheredge, Massachusetts Institute of Technology (79-127)	Requests transcripts of NRC meetings, public statements, and testimony of NRC officials and other documents dealing with the Three Mile Island accident.
Michael Hungerford, Syracuse University (79-A-8-79-47)	APPEAL TO THE COMMISSION the denial of a memo to Shapar from Kelley concerning the meaning of the term "material alteration of a licensed facility" as contained in 10 CFR 50.91.

Granted

Anthony Z. Roisman, Natural Resources Defense Council, Inc. (79-81)	In response to a request for communications between the NRC and any person regarding the report of the Interagency Review Group on Nuclear Waste Management since October 1, 1978, made available four documents in the PDR, informed the requester one document was already in the PDR, and made arrangements for the requester to review other documents in the Willste Building.
Susan Baumann, (79-85)	In response to a request for all documents regarding plant accidents and safety defects at reactor sites owned by Carolina Power & Light Company and the Duke Power Company, and information regarding emergency evacuation plans, made available a printout of Licensee Event Reports and informed the requester other pertinent information is available at the LPDR for each plant.

Granted, Cont'd

L. Alan Kenton, (79-94)	In response to a request for the name and present duty stations of all employees located in the Southeast, made available a computer printout of NRC employees in Headquarters and Regions 1 and 2.
Dennis Sanders, (79-108)	In response to a request for a copy of Dr. Hanauer's "nugget file", made available a list of the documents contained in the file and informed the requester he may write directly to the PDR to purchase a copy.
(An individual requesting information about himself) (79-115)	In response to a request for the results of the tests and examinations as a result of an accident involving radiation exposure at the Nevada Test Site in 1963, informed the requester that the NRC has no records relating to the accident and that he should write to the DOE.
Darryl W. Doss, Pilot Life Insurance Company (79-121)	In response to a request for the names and other available information on NRC employees working in the Tidewater, Virginia area, informed the requester there are no employees working in this area.

Denied

Citizens for a Better Environment (78-268)	In response to a request for documents relating to the Pipe Cracking Study Group Report, and documents relating to GE's Boiling Water Reactor pipe cracking problems occurring since 1975, made available 1,006 documents. Denied 72 documents in total or in part under exemptions 1 and 4.
Michael Hungerford, Syracuse University (79-47)	In response to a request for interpretations made regarding the meaning of the term "material alteration of a licensed facility" as contained in 10 CFR 50.91, made available four documents and denied one document under Exemption 5.

Denied, Cont'd

Eric Schulman, (79-56)	In response to a request for documents relating to the Big Rock Point facility, made available the requested documents in the LPDR located in Charlevoix, Michigan. Denied portions of two documents, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.
John W. Sullivan, (79-61)	In response to a request for documents pertaining to the operation of Metals and Controls, Texas Instruments, Makepiece, Inc., and Englehard, Inc., informed the requester these documents may be purchased from the NRC Public Document Room. Denied portions of one document containing commercial or financial (proprietary) information.

DIVISION OF CONTRACTS

Week Ending April 20, 1979

PENDING COMPETITIVE REQUIREMENTS

RFP RS-RES-79-183
Title - Limiting Conditions for Operations (LCO)
Description - Develop a methodology to calculate allowable ratio's of LCO's based on probabilistic approaches. To apply the methodology, system logic models such as fault trees will be constructed for specific safety systems in nuclear power plants and the allowable values for the LCO's will be calculated using available reliability data.
Period of Performance - Anticipated to be two years.
Sponsor - Office of Nuclear Regulatory Research
Status - Solicitation to be issued May 3, 1979 with a closing date of June 19, 1979.

RFP'S ISSUED

1. RFP RS-NMS-79-039
   Title - SECOM Test
   Description - Participation of a commercial transporter of special nuclear material in an extended field test to determine the increase in transportation safeguards capability which might result from the use of the SECOM Communications System.
   Period of Performance: Eighteen months
   Sponsor - Office of Nuclear Material Safety and Safeguards
   Status - RFP issued April 10, 1979. Closing date, May 10, 1979.

2. RFP RS-OIE-79-261
   Title - General and Refresher Courses in Concrete Technology and Codes
   Description - This technical assistance is required by the Office of Inspection and Enforcement to provide NRC personnel the detailed training in concrete technology and the applicable codes necessary to permit them to conduct in-depth inspection at NRC licensed facilities under construction or modification.
   Period of Performance - Eighteen months
   Sponsor - Office of Inspection and Enforcement
   Status - RFP issued April 19, 1979. Proposals due May 17, 1979.

ENCLOSURE A

PROPOSALS UNDER EVALUATION

RFP RS-NMS-79-029 (formerly 78-065)
Title - Synthesis for Physical Security and Material Control and Accounting Assessment Results
Description - Develop methods for combining observations of MC&A Assessment Team members, develop a method for synthesizing the results of the Physical Security and MC&A assessments, and develop a draft handbook that explains the methodology for deriving the measures of effectiveness and synthesizing them into the final statement of adequacy.
Period of Performance - Ten months
Sponsor - Office of Nuclear Material Safety and Safeguards
Status - Discussions scheduled for April 20-23, 1979 with offerors in the competitive range.

CONTRACTS AWARDED

1. RFP RS-ADM-79-378
Title - Design of NRC Supply and Maintenance Modules of the Property and Supply System
Description - This was an SBA Section 8(a) procurement. The contractor shall provide ADP Systems Analysis and Design services to the NRC in support of the Supply and Maintenance Subsystems - Modules II and III of PASS. The Functional and Data Requirements Document (DFSR) plus Work Orders for System Maintenance since September 25, 1978, shall be used as the basis for this work. The resulting design document will be of sufficient detail to provide maximum guidance for future development.
Period of Performance - Four months
Sponsor - Office of Administration
Status - A firm fixed price contract (No. NRC-10-79-378) in the amount of $45,129.60 was executed with Rehab Group, Inc., an eligible 8(a) minority concern, on April 3, 1979.

2. RFP RS-ADM-79-372
   Title - System Maintenance Programming
   Description - This was an SBA 8(a) procurement. The contractor shall provide services to accomplish corrections, changes, and enhancements required to support selected NRC administrative, financial, and management reporting systems.
   Period of Performance - One year
   Sponsor - Office of Administration
   Status - A labor-hour contract (No. NRC-10-79-372) was executed with International Business Services, an eligible 8(a) minority concern, in the amount of $96,949.00 on April 10, 1979.

CONTRACTS CLOSED OUT
(All administrative action complete and final payment made)

Contract No.	Organization	Close-Out Date
NRC-02-78-075	Coolfont Re-Creation	04/10/79
AT(49-24)-0125	Environmental Protection Agency	04/17/79

DIVISION OF SECURITY

Items of Interest
Week Ending April 20, 1979

Bulletin on Transfer of Classified Non-military information to Foreign Governments by NRC, which relates to access by foreign government personnel to classified information in the custody of NRC and to the transmission of classified documents to foreign governments, has been forwarded to MPA for publication.

ENCLOSURE A

OFFICE OF NUCLEAR REACTOR REGULATION

WEEKLY ITEMS OF INTEREST
(Week Ending April 20, 1979)

McGuire Units 1 & 2

See Enclosure G for complete write up on McGuire Units 1 & 2.

Maine Yankee

The licensee has informed the staff that four different versions of the SHOCK-I computer code were used to analyze piping systems at the Maine Yankee plant. The licensee is currently performing a more detailed review to define the differences in these methods.

Beaver Valley

By letter dated April 20, 1979 the licensee has informed the staff that they will use soil structure interaction techniques for developing amplified response spectra (ARS) to be used in the reevaluation of the piping at Beaver Valley. In support of this, they have submitted a comparison of ARS based on both the original set of FSAR spectra and damping values and the set of input parameters based on Regulatory Guides 1.60 and 1.61. This information is currently under review by the staff.

FitzPatrick

Twelve piping reanalyses have been completed. A modelling change has increased the total number of piping reanalyses to be performed from 95 to 96. Analyses of 151 pipe supports have been completed out of a total of 1156. The results are within allowables.

Surry

No change in status.

ENCLOSURE B

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING APRIL 20, 1979

1. Guy Arlotto will participate in the Second Biennial EEI Standards Conference on April 20. The theme of the conference is "Government Interface with the Voluntary Consensus Standards Organizations and EEI's New Posture in the Standards World." Mr. Arlotto, who will appear on a panel with representatives from other Federal agencies, will focus his remarks on "NRC Interfaces with the National Consensus Standards Program."

2. Cayuhoga Falls, Ohio is considering a city ordnance to require a permit for rail and truck shipments of 20 grams or 20 curies of fissile material, reactor fuel and large-quantities according to Steve Hoffman, a reporter from the Akron Beacon Journal who called Robert Barker, SD, on April 17.

   He indicated Shaker Heights and perhaps 30 other towns in the Cleveland area have adopted similar ordnances. He was particularly interested in DOT's pre-emption authority and was given Mr. Crockett's phone number for information on the DOT routing rule.

3. On April 12, 1979, Robert Purple and Robert Goldsmith attended a meeting at the State Health Department in Harrisburg, Pennsylvania to discuss the state's strategy for the evaluation of the public health impact on the TMI incident. Their proposed approach involves the development of population registries in the "impact" area and in an area about 50 miles away in which exposures were negligible. The size of the population included in the overall registry will depend upon the level of funding provided. The HEW is apparently committed to supporting this effort, but because of delays expected in obtaining funds, other Federal agencies, including the NRC, were asked by state personnel if they might be able to assist by providing funds for prompt initiation of the registry.
   (R. Goldsmith)

4. Interagency Task Force Report on Institutional Arrangements: The Interagency (Libassi/HEW) Task Force on Ionizing Radiation report on "Institutional Arrangements" was published for public comment on April 17, 1979. Copies of this report were provided to the Commission on April 18, 1979. The report is being widely distributed,

ENCLOSURE C

as were the Task Force's five work group reports, with a request for comments and suggestions by March 18, 1979. The draft Institutional Arrangements report and the comments thereon will provide a major input to the Task Force's final report to the White House. The draft Institutional Arrangements report differs from the work group reports in that it generally does not make specific recommendations on issues. Rather, it presents alternatives on issues and invites comments and suggestions thereon. Notable exceptions to this are that the report does recommend establishing an Interagency Radiation Research Committee to coordinate all Federal research on low-level radiation effects, that NIH, HEW, should chair this committee and that NIH (rather than DOE) should assume a major role in research into the biological effects of ionizing radiation. Related to this, NIH is proceeding to establish an "HEW" Radiation Research Committee with the invited participation of other Federal agencies, including the NRC, in anticipation of the President's authorizing establishing an interagency committee. (See report on 4/18/79 meeting of this committee in the RES section of this Weekly Events Report).
(Karl Goller)

Publications Issued

Reg. Guide 3.11.1 - Operational Inspection and Surveillance of Embankment Retention Systems for Uranium Mill Tailings
(Issued for Comment)

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending April 20, 1979

Table S-3 Radon Value

Preliminary drafts of a Commission Paper and Federal Register notice covering the inclusion of an upgraded value for radon in Table S-3 have been forwarded to NRR, ELD and PA for review.

Table S-3 Occupational Exposure

The occupational exposure task for the Table S-3 update is proceeding on schedule. Representatives of NUS Corporation visited the Continuous Melting Facility for Commercial High Level Waste at Battelle Pacific Northwest Laboratories, the Waste Calcination Facility at Idaho National Engineering Laboratory and Kerr-McGee's mine and mill. This tour is part of a data gathering task which includes a visit to the Chem-Nuclear Company at Barnwell, S. C., and the Hot Laboratory used in support of the design of the Defense Waste Processing Facility at Savannah River.

Study Group Established

A study group has been established to prepare a Headquarters Radiological and Industrial Safety Plan, license-specific incident response procedures, and a guide to development of FC capabilities for participation in the NRC Incident Response Program as specified in NRC-0502. Schedule and staffing planning is now in progress.

Tc-99 Source Terms

Development of Tc-99 source terms for testimony in individual reactor licensing cases is about three-fourths completed.

Export of Fuel for Research Reactors

A representative of the Division of Fuel Cycle and Material Safety attended a meeting at the Department of State on the Environmental Impact of U.S. Export of Research Reactors. The preliminary results of an FCTA analysis of the radiological impact to the U.S. and the global commons resulting from mining, milling, converting, enriching, fabricating and transporting a one year supply of fuel for U.S. exported research and test reactors was presented.

ENCLOSURE D

Evaluation of Spent Fuel Shipping Casks

On April 11, 1979, NRC and DOE representatives met with their respective contractors, Battelle Columbus Laboratories (BCL) and Sandia Laboratories, Albuquerque (SLA), to discuss their programs to evaluate the vulnerability of spent fuel shipping casks to explosive attack and their potential health consequences. Agency and contractor personnel presented briefings on the scope and technical approach to be used. Working level discussions focused on work done to date and the establishment of project advisory groups to provide for information exchange.

Generic Environmental Impact Statement on Uranium Milling

The Uranium Recovery Licensing Branch has issued the draft generic envrionmental impact statement (GEIS) on uranium milling for public comment. Because of the intense interest in this report, an extended comment period of 90 days has been allotted. In the document, which focuses primarily on the problems of uranium mill tailings management and disposal, the staff draws conclusions regarding both technical and institutional aspects of mill operations. In addition, the staff recommends specific changes to NRC regulations governing mill operations.

The staff will hold several public meetings in Albuquerque, New Mexico, and Denver, Colorado, this summer on the GEIS and associated proposed rule changes that will be shortly submitted to the Commission for approval to issue.

Atlas Uranium Mill License Renewal

Following publication of a Final Environmental Statement and the required 30-day waiting period, the Uranium Recovery Licensing Branch issued a renewal source material license to Atlas Minerals Corporation on April 19, 1979, authorizing processing of uranium ore at their Moab uranium mill in Grand County, Utah. The mill will have an alkaline leach circuit and a typical acid leach circuit designed to process about 1600 tons of ore per day and produce about 850 MT of yellowcake per year over its anticipated 15-year operating life.

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending April 20, 1979

1. Preliminary Notifications relating to the following actions were dispatched during the past week:

   a. PNO-79-67U through 67AA Three Mile Island Unit 2 - Nuclear Incident at Three Mile Island Unit 2 - These Preliminary Notifications were issued to provide updated status information regarding the incident.

   b. PNO-79-81 H. B. Robinson Unit 2, Turkey Point Units 3 & 4 - Safety Related Pipe Stress Methology Concern - A potential problem was identified during review of information received by NRR concerning methods utilized by the licensees in determination of pipe stresses. This concern related to the Westinghouse method of summing pipe stresses for these facilities. An Immediate Action Letter was issued by Region II (Atlanta) to both licensees confirming that the units will not be returned to power until authorized by NRC. (Closed. See Item 1.c below.)

   c. PNO-79-82 H. B. Robinson Unit 2, Turkey Point Units 3 & 4 - Safety Related Pipe Stress Methodology Concern - A meeting was held on April 13, 1979 among representatives of NRR, Florida Power and Light Co. and Westinghouse. The meeting achieved satisfactory resolution of the concerns relating to Florida Power and Light Co. facilities - Turkey Point Units 3 and 4. Restrictions were lifted for these facilities. Robinson 2 is presently in a refueling shutdown which is expected to last until early June 1979. (Closed)

   d. PNO-79-83 Surry Unit 2 - Personnel Overexposure - A shift supervisor investigating a water leak in the space beneath the Unit 2 reactor vessel received an apparent whole body exposure of 10.09 Rems. Upon exit, it was found that the employee's direct-reading pocket dosimeter was off-scale. His thermoluminescent dosimeter was then evaluated and indicated the 10.109 Rems exposure. An IE radiation specialist was dispatched to the site to review this occurrence. (Closed)

   e. PNO-79-84 Bellefonte Units 1 & 2 - Allegations of Inadequate QA/QC Program for Welding - An individual made allegations to Region II (Atlanta) regarding the adequacy of the quality control program at Bellefonte. The specific example cited was that installed piping which had been inspected and accepted by QC inspectors was subsequently cut out and replaced without the knowledge of the QC inspectors or construction management. Although the individual was unable to identify specific welds or individuals, Region II plans to conduct appropriate followup. (Closed)

ENCLOSURE E

f. PNO-79-85 Oconee Units 1, 2 and 3 - Injury to Employee - A contractor employee fell about 10 feet while working in the auxiliary building and received possible back injuries. His clothing was contaminated and was removed prior to being transferred to a Greenville, South Carolina hospital. The employee was held overnight at the hospital and released the next day. (Closed)

g. PNO-79-86 Three Mile Island Unit 1 - In Service Inspection - The news media reported on certain irregularities in inspection records related to nondestructive examinations performed on welds and other components in Unit 1. Preliminary review of licensee records indicates some validity to the news article although it appears to contain several inconsistencies. A Region I (Philadelphia) inspector is examining this matter. (Closed)

h. PNO-79-87 Surry Unit 2 - Three Men Become Ill While Working in Containment - Three Daniels Construction Co. personnel were taken to the hospital when they became ill while working in the Unit 2 containment building. The men were working in a tent and were wearing fresh air hoods. The air in the tent and the fresh air supply were sampled and found satisfactory. Initial diagnosis indicated that illness was due to heat exhaustion. The men have been released from the hospital. (Closed)

i. PNS-79-33 Indian Point Units 1, 2 and 3 - Planned Peaceful Demonstration - On April 14, 1979, a planned peaceful demonstration took place without incident at the Indian Point Nuclear Generating Station. Extensive publicity was given to the demonstration. (Closed)

j. PNS-79-34 & 34A - Nuclear Fuel Services, Inc., Erwin, Tennessee - Operators Strike - On April 14, 1979, plant operating personnel went on strike. Limited operations are being conducted by management personnel. The contract guard force and NRC officials have been allowed to cross picket lines. Inspectors are on site monitoring security, health and safety requirements. (Closed)

k. PNS-79-35 Diablo Canyon Units 1 & 2 - Bomb Threat - No bombs were found and none exploded. (Closed)

2. The following IE Bulletins were issued:

a. IE Bulletin No. 79-06A, "Review of Operational Errors and System Misalignments Identified During the Three Mile Island Incident," was issued on April 14, 1979 to all utilities with an operating pressurized water reactor of a Westinghouse design. Revision 1 to the Bulletin was issued on April 18, 1979.

b. IE Bulletin No. 79-06B, "Review of Operational Errors and System Misalignments Identified During the Three Mile Island Incident," was issued on April 14, 1979 to all utilities with an operating pressurized water reactor of a Combustion Engineering design.

c. IE Bulletin No. 79-07, "Seismic Stress Analysis of Safety-Related Piping," was issued on April 14, 1979 to all power reactor facilities with an operating license or a construction permit.

d. IE Bulletin No. 79-08, "Events Relevant to Boiling Water Power Reactors Identified During the Three Mile Island Incident," was issued on April 14, 1979 to all BWR power reactor facilities with an operating license.

e. IE Bulletin No. 79-09, "Failures of GE Type AK-2 Circuit Breaker in Safety Related Systems," was issued on April 17, 1979 to all power reactor facilities with an operating license or a construction permit.

3. IE Circular No. 79-06, "Failure to Use Syringe and Bottle Shields in Nuclear Medicine," was issued on April 19, 1979 to all holders of medical licenses except teletherapy licenses.

4. IE Information Notice No. 79-10, "Nonconforming Pipe Support Struts," was issued on April 16, 1979 to all power reactor facilities with a construction permit.

OFFICE OF NUCLEAR REGULATORY RESEARCH

Important Items - Week Ending April 21, 1979

Interagency Meeting on Research on the Biological Effects of Ionizing Radiation

Representatives of RES and SD participated in the second interagency meeting at the National Institutes of Health (NIH) on April 17, 1979. Dr. T. Frederickson, Director of NIH, HEW announced the formation of an HEW Committee on Research into the Biological Effects of Ionizing Radiation, by authority of Secretary Joseph A. Califano, Jr., HEW. Dr. Fredrickson is Chairman of this Committee and he appointed Dr. Arthur C. Upton, Director, National Cancer Institute, NIH as Vice Chairman. Under the Charter of this Committee, representation was offered to DOD, DOE, DOL, EPA, NASA, NRC and VA in addition to several constituent agencies of HEW. The participating agencies would agree under the Charter to "consult" with the Committee and to take the Committee comments into account before making commitments to fund research into the biological effects of ionizing radiation." RES is the lead NRC office on this Committee, with active participation of OSD.

Pending White House action resulting from recommendations contained in the Report of the Interagency Task Force on Ionizing Radiation on Institutional Arrangements (Libassi/HEW: See OSD input in this Information Report), this HEW Committee will most likely be reconstituted as an Interagency Committee on Federal Research into the Biological Effects of Ionizing Radiation. It appears that NIH/HEW will almost certainly retain the Chairmanship.

Dr. Frederickson decided to form a Subcommittee under the Chairmanship of Dr. Upton to make recommendations regarding possible epidemiological studies of population living in the vicinity of Three Mile Island Nuclear Station. NRC is to be represented on this Subcommittee. He also instructed Dr. J. G. Perpich, Associate Director for Program Planning and Evaluation, NIH and the General Counsel, NIH to contact the offices of the General Counsel of participating agencies in order to determine the statutory responsibilities of various agencies in the subject areas.

Future meetings of the Committee will be convened by Dr. Fredrickson.

ENCLOSURE F

OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

FOR THE WEEK ENDING APRIL 20, 1979

McGuire Nuclear Station, Units 1 & 2

On April 18, 1979, the Licensing Board, after making findings of fact and conclusions of law on matters actually put into controversy, issued an Initial Decision (Operating License Proceeding) authorizing the Director, Office of Nuclear Reactor Regulation, upon his making of appropriate findings in accordance with the Commission's regulations with respect to matters not embraced in the Initial Decision, to issue operating licenses for McGuire Units 1 and 2. The Licensing Board, however, stayed the effect of the Initial Decision until further order by the Board following the issuance of a supplement to the NRC Staff's Safety Evaluation Report addressing the significance of any unresolved generic safety issues.

ENCLOSURE G

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING APRIL 20, 1979

INTERNATIONAL COOPERATION

TMI Activities

During the week of April 15 IP made arrangements for newly-arrived official delegations from Japan, Sweden, Denmark, the FRG, Italy, the Philippines Taiwan, and the EC to receive information on the TMI accident. The 21 local Embassy scientific counselors and attaches who have followed TMI closely from the beginning were also invited to participate. A total of 65 representatives from 20 foreign countries and one international organization were involved (Austria, Israel, Australia, Mexico, the Netherlands, Finland, Switzerland, the U.K., Korea, France, Spain, and South Africa, in addition to those named above). NRC activities included (1) a day of briefings on April 19 on TMI emergency plans, the development and course of the incident, research projects attendant to the incident, and technical details of TMI and (2) a bus trip to Middletown, Pennsylvania for brief presentations by NRC and Pennsylvania personnel on April 20. All sessions were followed by question and answer periods to allow the delegations to address their most immediate information needs.

EXPORT/IMPORT AND INTERNATIONAL SAFEGUARDS

Rulemaking on Minor Exports

The staff has forwarded to the Commission for review a draft final rulemaking proposal regarding the export of minor quantities of nuclear material. The proposed rule would establish or expand general licenses for the export of minor quantities and should result in a 5-10% reduction in the staff's export licensing workload.

US-IAEA Safeguards Agreement Implementation Group Meeting.

The Safeguards Agreement Implementation Group for the US offer met on April 19. Chris Kessler of IP attended. Preparation of the list of Eligible Facilities was the principal topic covered.

Capitol Hill Workshop

Marvin Peterson and Hans Schechter of IP attended a Capitol Hill Workshop on April 17, 18 and 19. The workshop focused on providing NRC officials with insights on how the Congress functions and interrelates with the Executive Branch agencies.

ENCLOSURE H

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING APRIL 20, 1979

Emergency Preparedness

Hal Gaut, State Programs and Bill Axelson (IE), Region III, participated in a State interagency emergency planning session in St. Paul, Minnesota. Key members of involved State agencies were involved as well as an observer from WCCO (CBS) Radio. The meeting was held with a view toward Minnesota seeking an NRC concurrence in their emergency plan.

Letters were prepared for the Chairman's signature to 18 governors of States with operating nuclear power plants where NRC has not been able to concur in the State's radiological emergency response plan. These letters gave a brief status of the plan in each State and an offer of NRC help in moving the plan quickly to a point where it is eligible for concurrence.

On April 12, 1979, Andy Robart, the Region V State Liaison Officer attended a California Assembly subcommittee hearing in Los Angeles and again on April 16, 1979 in Sacramento. The purpose of these hearings was to take testimony on the Three Mile Island accident and its consequences and to discuss NRC's role in emergency planning. Personnel from both RV and Headquarters also participated in the hearings. The subcommittee on Energy hearings were chaired by Assemblyman Mel Levine (D-Los Angeles). In addition to Daryll Eisenhut, DOR, Bob DeFayette, OSP, Harry North, Ray Fish, Phil Morrill and Bob Engelken, Region V. Other witnesses included: Dr. Frank Van Hipple from Princeton University; Dr. Richard Hubbard, MHB Associates; Dr. Hal Lewis, University of California; Robert Pollard, Union of Concerned Scientists and Rusty Schweikart, Chairman Governors' Nuclear Power Emergency Review Panel. Witnesses from Southern California Edison and Pacific Gas and Electric also testified. The Sacramento hearing on the 16th also included State witnesses from the California Office of Emergency Services, Radiologic Health and Sacramento County.

Program Development

Nebraska has advised that they are ready to enter into a water quality agreement with NRC similar to those with Indiana, Virginia and South Carolina.

State Agreements

Kathleen N. Schneider will join the State Agreements staff on April 23, 1979. Ms. Schneider is a graduate of Youngstown State University and University of Florida with degrees in physics and nuclear engineering and is coming on board as an intern.

ENCLOSURE I

A training course in Medical Use of Radionuclides for State Regulatory Personnel will be presented at Baylor University, Texas, April 23-27, 1979. Eight State personnel will attend. In addition, six NRC regional inspectors and one NRC license reviewer will attend.

State Agreement staff, including the Assistant Director, will meet with Rhode Island representatives April 26 and 27 to review the final draft of a request for a section 274b Agreement.

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

Week Ending - April 20, 1979

TMI Support

Provided support to the EDO and the DEDO in planning for the agency response to TMI.

Briefed on LOEB Operational Safety Data Gathering & Analysis

Responded to Commission for summary of NRC efforts in gathering and analyzing operating experience data.

Responses to Rep. Dingell and Sen. Glenn

Completed letters to Rep. Dingell transmitting 37 Q's & A's, and to Sen. Glenn on March 6-7 Hearing on Low-level Radiation.

ENCLOSURE J

OFFICE OF THE CONTROLLER

ITEMS OF INTEREST

Week Ending April 20, 1979

FY 1979 REPROGRAMMING SECY-79-53 AND SECY-79-53A

The majority of the Commission has now voted in favor of increasing Waste Management funding over and above the amount identified in SECY-79-53A. A memorandum has been sent ot the Commission responding to this change.

INITIAL FY 1979 REPROGRAMMING TO CONGRESS

As reported earlier, all five Congressional Subcommittees had approved this except the House Appropriations had disapproved the increase to NRR travel. As a result of heavy travel due to Three-Mile Island, the Subcommittee staff was contacted and approved the use of additional funds for travel associated with Three-Mile Island.

FY 1980 BUDGET

The tentative dates for Congressional Subcommittee mark-up of NRC's budget are as follows:

Senate Authorization (Hart)	May 3, 1979
House Appropriation (Bevill)	May 10, 1979
House Authorization (Udall)	May 15, 1979

OMB SPRING PREVIEW

OMB held their annual Spring Review on the upcoming budget (FY 1981). The Controller and Director, Division of Budget met with OMB officials and discussed resource impacts on the FY 1979, FY 1980 and FY 1981-1985 budgets as identified by the Offices. Also, recent reactor incidents (5-plant closing and Three-Mile Island) were identified as having potential resource impacts.

RESOURCE IMPACT OF THREE-MILE ISLAND AND 5-PLANT CLOSINGS

A call was issued to all Office Directors to identify "best estimate" resources changes for the remainder of FY 1979 and FY 1980 due to these recent reactor incidents. This information is to be submitted by Thursday, April 26, 1979.

BUDGET REVIEW GROUP (BRG)

The first BRG meeting under the new Chairman, Kevin Cornell, was held to discuss organization and the FY 1981-1985 budget review process.

Enclosure K

CALENDAR OF SIGNIFICANT EVENTS

April 23	TMI-2 - Meeting to discuss physical security plan
April 24	New Haven 1 & 2 - Meeting to discuss reactor safeguards
April 25-26	Palo Verde 1, 2 & 3 - Caseload Forecast Panel Site Visit
April 27	North Anna 1 & 2 - Testimony regarding pump house settlement and turbine missiles to be submitted to Board
May 1	Midland - Prehearing conference
May 4	Salem 2 - SER Supplement No. 4 to be issued
	NEP 1 & 2 - SER Supplement No. 1 to be issued
	Carroll County - Orientation meeting for reviewers and their supervisors (which was postponed because of TMI efforts) will be held during the week ending May 4
	Summer - A visit to the Plant to review fire protection features will be made during the week ending May 4

ENCLOSURE L

ITEMS APPROVED BY THE COMMISSION - RECEIVED WEEK ENDING APRIL 20, 1979

A. SECY-79-73A - PROPOSED LICENSE TO EXPORT LOW-ENRICHED URANIUM TO JAPAN (XSNM-1285, SECY-79-73) (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/13/79)

This is to advise you that the Commissioners have reviewed the subject license to Mitsui and Company. The Commission (with five Commissioners concurring) has accepted your recommendation to export to Japan 1,897 kilograms of uranium, enriched to 3.85% U-235, in the form of uranium hexafluoride.

In his concurrence Commissioner Bradford stated: "I concur in this export pending resolution of issues I have previously raised regarding criteria 4 and 5. The oral assurances on criteria 4 and the Tokai experience are helpful, but they do not fully solve the problem."

The Office of International Programs was informed of this action by telephone on April 13, 1979.

It is requested that you provide notification of the issuance and delivery of this license to Mitsui by c.o.b. April 19, 1979.

B. SECY-78-645A - APPROVAL OF A PROPOSED LICENSE TO EXPORT HIGH-ENRICHED URANIUM TO THE FEDERAL REPUBLIC OF GERMANY (LICENSE APPLICATION NO. XSNM01241, SECY-78-645) (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/16/79)

This is to advise you that the Commissioners have reviewed the subject license to Transnuclear, Incorporated. The Commission (with five Commissioners concurring) has accepted your recommendation to export to the Federal Republic of Germany 22.0 kilograms of uranium, enriched to 93.3% U-235, in the form of U_3O_8.

Commissioner Gilinsky, in his concurrence, asked: "Is the research presently going on in DOE or contractor facilities or anywhere else directly relevant to the conversion of the FRJ-1 facility and other facilities receiving this fuel to LEU? Is it absolutely out of the question technically to convert this reactor to lower enriched uranium? It would be useful if the Commission expressed its concern about the need to complete facility attachments. "

Commissioner Bradford would like a brief description of the physical security measures required for this export.

The Office of International Programs was informed of this action by telephone on April 16, 1979.

ENCLOSURE M

It is requested that you accomplish the following:

1. Provide notification of the issuance and delivery of this license to Transnuclear by c.o.b. April 20, 1979.

2. Provide a response to Commissioner Bradford's request through the Office of the Secretary by c.o.b. April 25, 1979.

3. Provide a response to Commissioner Gilinsky's questions through the Office of the Secretary by c.o.b. April 30, 1979.

C. SECY-79-10A - FURTHER INFORMATION ON THREE FY 1979 RESEARCH PROJECTS UNDER REVIEW BY THE COMMISSION (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/18/79)

This is to advise you that the Commission (with all Commissioners concurring) approves the three programs, PNL/B2043, BNL/A3014 and ORNL/B0125, as in the subject paper.

The Office of Nuclear Regulatory Research was informed of this action by telephone on April 18, 1979.

D. SECY-79-65A - INTERAGENCY TASK FORCE ON IONIZING RADIATION (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/19/79)

This is to advise you that the Commission (with four Commissioners concurring, Commissioner Gilinsky did not participate) has approved the staff's responses to the Summary Report as modified in the attachment. The staff is requested to incorporate the Commission's comments in their response and provide the completed set of comments to HEW. (Attachment not included)

E. SECY-79-175A - PROPOSED RETRANSFERS FOR REPROCESSING FROM JAPAN TO THE U.K. (TEPCO), JAPAN TO U.K. (JAPCO), JAPAN TO FRANCE (KANSAI) (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/19/79)

This is to advise you that the Commission (with four Commissioners concurring) has approved your recommendation that NRC not object to the subject retransfers. However, the proposed response to the Department of Energy (DOE) has been revised by the Commissioners in accordance with the attached final draft. Commissioner Gilinsky did not participate in this action.

ENCLOSURE M

Commissioner Bradford requested that copies of the MB-10 applications be forwarded in future analyses.

The Office of International Programs was informed of this action by telephone on April 19, 1979.

It is requested that you forward to the Office of the Secretary a copy of the letter to DOE after signature and dispatch by the Director of International Programs.
(Attachment not included)

ENCLOSURE M

CALENDAR OF SPEAKING ENGAGEMENTS

APRIL

26 Westinghouse Research Laboratory, Pittsburgh, PA, - The Rasmussen Report Revisited: The Lewis Report on Reactor Safety Assessment - Robert J. Budnitz

MAY

1 State of South Carolina Advanced Management Seminar, Greenwood, SC - NRC Concurrence Program for Fixed Nuclear Facilities - J. W. Hufham

6 11th Annual National Conference on Radiation Control, Sheraton-Century Center Hotel, Oklahoma City, OK - Report on Current and Projected Federal Radiation Protection Activities with EPA and FDA - Robert G. Ryan

17 National Classification Management Society Seminar, Jack Tar Hotel, San Francisco, CA - The NRC Security Program - Classification Management in a Regulatory Agency - Raymond J. Brady

21 Radioactive Waste Management for Nuclear Power Reactors - Rules, Regulations and Standards - Alexandria, VA - I. C. Roberts

23 Annual Records Management Conference of the National Archives, Fredericksburg, VA - Automation of Records Management at NRC - R. Stephen Scott

ENCLOSURE N

May 1, 1979

UNITED STATES
NUCLEAR REGULATORY COMMISSION

SECY-79-313

INFORMATION REPORT

For: The Commissioners

From: T. A. Rehm, Assistant to the Executive Director for Operations

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING APRIL 27, 1979

A summary of key events is included as a convenience to those Commissioners who may prefer a condensed version of this report.

Contents	Enclosure
Administration	A
Nuclear Reactor Regulation	B
Standards Development	C
Nuclear Material Safety and Safeguards	D
Inspection and Enforcement	E
Nuclear Regulatory Research	F
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State Programs	I
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Calendar of Significant Events	L
Items Approved by the Commission	M**
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T. A. Rehm, Assistant to the
Executive Director for Operations

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Secretariat

Contact:
T. A. Rehm
49-27781

*No input this week
**Deleted from Commissioners and PDR copy

SUMMARY OF KEY EVENTS

Week Ending April 27, 1979

Texas A&M University

License No. R-23 for the Texas A&M nuclear research reactor was renewed for a period of 20 years.

NRC/DOE Meeting on Waste Management

A meeting was held to provide the NRC staff and our contractors with a better understanding of the geological exploration program being implemented by DOE to identify sites for nuclear waste repositories. DOE's program includes: (1) identifying geologic formations of interest, (2) performing reconnaissance studies on favorable geologic formations, and (3) preparing detailed site specific confirmation studies on areas of no more than a few square miles. By 1984, DOE will be able to determine the feasibility of developing a repository at specific sites. DOE is starting a program to examine geologic media other than salt, but it will not be completed until 1985.

Waste Shipment from TMI

The Washington Radiation Control Program staff indicated that Three Mile Island waste shipments to the commercial low-level waste site near Richland have renewed interest in House Bill 675. The bill would forbid storage or disposal in Washington of all wastes generated outside the state except defense wastes.

New Fuel Fabrication Plant

Westinghouse announced plans to build a new low-enriched uranium fuel manufacturing facility near Mongtomery, Alabama. An application will be submitted to NRC in late 1979. Fuel fabrication is expected to begin in 1983.

LOFT

The second nuclear test in LOFT is scheduled for May 7. This test will simulate an accident involving the sudden rupture of a coolant inlet pipe while the reactor is operating at a power level of about 38 MWt.

TMI Action Plan

At EDO's request, MPA developed an inventory of actions underway in response to TMI incident. The list will provide the basis for the agency's action plan.

OFFICE OF ADMINISTRATION

Week Ending April 27, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	Initial Request	Appeal Initial Decision
Received	169	14
Granted	81	2
Denied	27	4
Pending	61	8

ACTIONS THIS WEEK

Received

John R. Emshiviller
The Wall Street Journal
(79-128)

Requests copies of tests and answers given to operators and other licensed personnel by NRC at Three Mile Island Units 1 and 2; Indian Point 1 & 2; Dresden 1 & 2; Peach Bottom 3; Rancho Seco; Palisades; Millstone 2 and Oconee 3. Also requests studies that evaluate quality of nuclear plant personnel.

Lisabeth Tator Downes
(79-129)

Requests a map and other information pertaining to the location of nuclear power plants planned to be built by the year 2000.

William A. Webb
Rolf Jensen & Assoc.
(79-130)

Requests a copy of Basic Ordering Agreement NRC-03-78-131, Technical Assistance for Fire Protection Program Review and Evaluation which was awarded to Gage Babcock & Associates of Elmhurst, IL.

Laurie Burt
Commonwealth of Mass.
(79-131)

Requests copies of certain documents identified in a memo from Harold R. Denton to Lee V. Gossick dated December 11, 1978, subject: Review of Regulatory Actions and Staff Positions which rely on WASH-1400.

Kathleen M. Ragan
Kinetic Research, Inc.
(79-132)

Requests a copy of the winning Technical Proposal for the "Study of ALARA FOR RADIOPHARMACEUTICAL MANUFACTURERS" Contract NRC-02-79-037.

CONTACT: J. M. Felton
492-7211

ENCLOSURE A

J. D. Thomas NRC-NTEU Chapter 208 (79-133)	Requests information on grade of an NRC employee at three different dates.
Aldo P. Osti PFIZER, Inc. (79-134)	Requests all information regarding the March 28, 1979 Three Mile Island incident.
Catherine Quigg Pollution & Environmental Problems, Inc. (79-135)	Requests all records referring or relating to the leaks in the spent fuel pool of the Zion Nuclear Station built which is operated by Commonwealth Edison Co.
Clifton E. Curtis Natural Resources Defense Council (79-136)	Referral by DOE of request related to the export of special nuclear material to India.
James J. Slocum Milwaukee Sentinel (79-137)	Request for access to all internal files for the Genoa, the Point Beach and the Kawaunee Nuclear plants in Wisconsin.
Weson Vivian University of Michigan (79-138)	Requests an internal report relating to the Fermi I accident in October 1966 as referred to in the book "We Almost Lost Detroit."

Granted

Thomas Lookabill NUS Corporation (79-89)	Made available two documents concerning NRC contracts for low-level radioactive waste.
James W. Souten Baltimore, MD (79-96)	Made available documents relating to the non-use of Boron to flood Three Mile Island Unit 2.
Ellyn R. Weiss Sheldon, Harmon, Roisman & Weiss (79-102)	Made available transcripts of closed Commission meetings regarding Three Mile Island Unit 2.
Robert Schakne CBS News (79-105)	Made available the test scores for all reactor operators at Three Mile Island Unit 2 (names of the individuals were deleted from the test scores).

Rex Hunter Richton Park, IL (79-112)	Made available a copy of the final report on the cause of the SL-1 accident.
(An NRC Employee) (79-116)	Made available documents concerning the selection for Vacancy Announcement No. 78-523.
Ms. Mary E. Conley Waltham, MA (79-120)	Made available documents concernings NRC's organization and its health and safeguards functions.
Ms. Coral Rose Ryan Citizens Concerned About Nuclear Power (79-123)	Made available copies of the Prehearing Conference Order Ruling Upon Intervention Petitions, Dockets 50-498 and 50-499 and 10 CFR, Part 2.
Ms. Lisabeth Tator Downes Tucson, AZ (79-129)	Made available a chart showing the proposed construction of nuclear power plants by the year 2000.

DIVISION OF CONTRACTS

Week Ending April 27, 1979

PENDING COMPETITIVE REQUIREMENTS

1. RFP RS-NMS-79-050
   Title - Enhancement of the Nuclear Materials Management and Safeguards System
   Description - The project will provide for the implementation of previously developed recommendations concerning data inconsistencies discovered in the Nuclear Materials Management and Safeguards System (NMMSS), as well as providing improvements to other portions of NMMSS.
   Period of Performance - Eight months
   Sponsor - Office of Nuclear Material Safety and Safeguards
   Status - Solicitation being developed

2. RFP RS-NMS-79-047
   Title - Licensing Technical Assistance
   Description - Provide technical assistance to the Division of Fuel Cycle and Material Safety for safety and environmental reviews of license applications for the construction, operation or decommissioning of fuel cycle facilities.
   Period of Performance - Two and one-half years
   Sponsor - Office of Nuclear Material Safety and Safeguards
   Status - Solicitation being developed

3. RFP RS-NMS-79-049
   Title - Radiological Evaluation of Burial Grounds
   Description - Technical assistance to determine and define the radiological conditions existing at on-site burial grounds used by licensees and for sites, not presently licensed, which are known to contain burial radioactive materials.
   Period of Performance - Two and one-half years
   Sponsor - Office of Nuclear Material Safety and Safeguards
   Status - Solicitation being developed

RFP'S ISSUED

RFP RS-ADM-79-387
Title - Career Counseling
Description - A four-hour course in four individual sessions for approximately 100 NRC employees.
Period of Performance - One year
Sponsor - Office of Administration
Status - Solicitation issued April 24, 1979. Proposals are due May 23, 1979.

ENCLOSURE A

PROPOSALS UNDER EVALUATION

1. RFP RS-NMS-79-029
   Title - Synthesis for Physical Security and Material Control and Accounting Assessment Results
   Description - Develop methods for combining observations of MC&A Assessment Team members, develop a method for synthesizing the results of the Physical Security and MC&A assessments, and develop a draft handbook that explains the methodology for deriving the measures of effectiveness and synthesizing them into the final statement of adequacy.
   Period of Performance - Ten months
   Sponsor - Office of Nuclear Material Safety and Safeguards
   Status - Best and Final offers due May 8, 1979.

2. RFP RS-NRR-79-102
   Title - Technical Assistance Program for Two-Phase Flow Aspects of Reactor Safety
   Description - Provide licensing support in the area of two-phase flow, consisting of a review of existing tests, experiments, and analytical methods used in this area.
   Period of Performance - Three years
   Sponsor - Office of Nuclear Reactor Regulation
   Status - Contract mailed for signature on April 10, 1979.

3. RFP RS-NRR-79-107
   Title - Reactor Coolant Pump/Motor Structural Integrity Following Sudden Seizure
   Description - The contractor will provide expert technical assistance in evaluating the load carrying capability of the pump-to-motor hold-down bolts to withstand sudden motor seizure of a physical reactor coolant pump.
   Period of Performance - Three months
   Sponsor - Office of Nuclear Reactor Regulation
   Status - Competitive range established on April 18, 1979.

4. RFP RS-NRR-79-110
   Title - Decision Analysis Methodology Applications to the Reactor Licensing Process
   Description - Application of decision analysis methodology within the Office of Nuclear Reactor Regulation in order to develop a more orderly and more structured process to arrive at regulatory decisions
   Period of Performance - Fourteen months
   Sponsor - Office of Nuclear Reactor Regulation
   Status - Proposals received and were forwarded to Source Evaluation Panel (SEP) on April 25, 1979 for their review and evaluation.

CONTRACT AWARDS

1. RFP RS-NMS-79-028
   Title - Development of Improved Techniques for Analyzing Material Control and Accounting Data
   Description - Assist the NRC in applying the inventory difference simulation model to two major operating strategic special nuclear material fuel cycle facilities designated by the NRC.
   Period of Performance - Eight and one-half months
   Sponsor - Office of Nuclear Material Safety and Safeguards
   Status - Cost Plus Fixed Fee Contract awarded to Science Applications, Inc., April 20, 1979. Estimated cost plus fixed fee of $47,402.00.

2. RFP RS-ADM-79-362
   Title - Cataloging Support Services
   Description - Cataloging, processing, data conversion and related activities for backlog of approximately 9650 titles in the NRC Library.
   Period of Performance - Seven months
   Sponsor - Office of Administration
   Status - Cost Plus Fixed Fee Contract No. NRC-10-79-362 awarded to Informatics,Inc., on April 24, 1979 in the amount of $77,138.00.

CANCELLATIONS

RFP NMS-79-034
Title - Tests of Safeguards System Evaluation Methods
Description - The contractor will assist in planning and conducting tests of various new analytical methods for evaluating the effectiveness of safeguards systems.
Period of Performance - One year
Sponsor - Office of Nuclear Material Safety and Safeguards
Status - Cancelled at the request of the program office.

CONTRACTS CLOSED OUT

(All administrative action complete and final payment made)

Contract No.	Organization	Close-Out Date
AT(49-24)-0124	Nuclear Assurance Corp.	04/19/79
NRC-03-77-010	Associated Consultants International	04/19/79

ENCLOSURE A

DIVISION OF SECURITY
ITEMS OF INTEREST
WEEK ENDING APRIL 27, 1979

A Bulletin on the Protection of Limited Official Use Information (a category of unclassified information originated by the Department of State and given limited protection and distribution) has been prepared and distributed to Headquarters Offices and Divisions for comment or concurrence.

The Facilities and Systems Security Branch conducted on-site reviews of two Congressional subcommittee offices which retain NRC classified matter in coordination with the Office of Congressional Affairs.

On April 24, 1979, an initial security survey was conducted of the Resident Inspector's office at B&W, Apollo, Pa., for the purpose of receiving, storing and safeguarding of information classified no higher than Confidential, Restricted Data.

The Facilities and Systems Security Branch coordinated security support assistance for ASLBP conferences to be held in Miami, Florida on May 2, 1979 and in Salem, N. J. on May 2-4, 1979, and provided additional security coverage for Commission and ACRS meetings regarding the Three Mile Island incident which were held at 1717 H Street, Washington, D.C.

A representative of the Division of Security attended a meeting of Special Committee on Compromising Emanations at the National Security Agency.

ENCLOSURE A

OFFICE OF NUCLEAR REACTOR REGULATION

WEEKLY ITEMS OF INTEREST
(Week Ending April 27, 1979)

Carroll County 1 & 2

An orientation meeting was held on April 24, 1979, with dedicated reviewers and their supervisors. The review is to be conducted using the recommendations of NUREG-0292.

Greene County

At the request of the applicant, the Atomic Safety and Licensing Board has canceled all scheduled hearings.

Texas A&M University

License No. R-23 for the Texas A&M AGN-201M nuclear research reactor was renewed for a period of 20 years, authorizing continued operation until August 26, 1997.

ENCLOSURE 3

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING APRIL 27, 1979

1. James A. Norberg is attending the IAEA, TRC-Design Committee meeting which is being held in Tokyo, Japan, April 23-27, 1979. While in Japan Mr. Norberg will visit nuclear power plants in the Kyoto area and also research facilities in Tokai.

2. Publication of Proposed Rule on Addition of Veterinarians to the General License for In Vitro Clinical Testing: On April 26, 1979 proposed amendments to Parts 31 and 32 were published in the Federal Register under the signature of the Executive Director for Operations. These amendments are in response to a petition and would add veterinarians to the groups already authorized to use byproduct material under general license for in vitro clinical or laboratory testing. The 60-day comment period ends on June 25, 1979.
[Deborah A. Bozik]

3. Known Effects of Low-Level Radiation Exposures: On April 25, 1979, Deborah Bozik and Edward Podolak attended an educational seminar titled, "Known Effects of Low-Level Radiation Exposures" which was sponsored by the Mideast Center for Radiological Physics and Allegheny General Hospital. The seminar, which was given in Pittsburgh, Pennsylvania, was related to the Three Mile Island incident and was intended to provide up-to-date information in simple and accurate terms to local physicians who may be required to handle inquiries from their patients. At the seminar, Gordon K. MacLeod, M.D., Secretary of Health, Commonwealth of Pennsylvania, discussed the Pennsylvania State Bureau of Health Research plan for surveillance of the population contiguous to the plant for health effects which may be related to TMI. They plan a wide variety of studies and surveys to determine the immediate and long-term impact of radiation and psychoemotional stress upon human health.
[Deborah A. Bozik]

4. Meeting of a Subcommittee of the HEW Interagency Task Force on Ionizing Radiation Research: On April 23, 1979, Karl Goller, Hal Peterson, and Mike Parsont of SD attended a meeting of a Subcommittee of the HEW Interagency Task Force on Ionizing Radiation Research to discuss the desirability of conducting epidemiologic follow-up studies of plant workers and the general

ENCLOSURE C

public in the vicinity of the Three Mile Island site. This Subcommittee was chaired by Dr. Arthur Upton, the Director of the National Cancer Institute (NCI). It was convened at the request of Dr. Donald Fredrickson, Director of the National Institutes of Health. Tony Robbins of NIOSH and numerous members of NCI's Epidemiology Branch were present.

The following individuals participated by conference call: Henry Falk, Glyn Caldwell and Mark Nelson of the HEW Center for Disease Control - National Institute for Occupational Safety and Health; John Villforth, Director of the Bureau of Radiological Health, FDA; William Ellett, Chief of EPA's Radiation Bioeffects Branch, and William Burr of DOE.

On the basis of existing dose projections, the group almost unanimously agreed that the potential radiation-induced health consequences of the accident would be undetectable. Dr. Marvin Schneiderman of NCI suggested that if anything were done it should be limited to a registry of the residents including time spent in the vicinity of TMI and social security numbers. This could permit automatic tracking of the population to be done at some time in the future through death certificates. Dr. Schneiderman also indicated that some short-term studies of abortions and birth defects might be carried out. This could allay public concerns regarding Dr. Ernest Sternglass's allegations of significant genetic injury and birth defects, and also provide a measure of the psychological impact of the incident. Mr. Goller raised the question of whether one could distinguish the radiation effects from the possible psychologically-induced effects; Dr. Schneiderman said that he believed that they were indistinguishable. Dr. Ellett of EPA provided an upper bound analysis that confirmed the minor health significance, even if all existing cancers were caused by radiation. He showed that, if the higher risks from the 1977 BEIR Report were used, there should be 3 times as many cancers in the existing population as are now present. Despite the scientific opinions to the contrary, it appears that CDC may still propose to do a 20- to 50- year study at a cost of $1,000,000 to $2,000,000 a year. However, they were requested by Dr. Upton to prepare a range of options with their costs for further consideration by the Subcommittee. The NIOSH representatives also requested from NRC, information on the dosimeter readings and bioassay results on the in-plant workers.

Dr. Parsont, NRC, raised the point that if prompt action is not taken, some valuable data might be lost.

[Harold T. Peterson]

ENCLOSURE C

Regulatory Guides to be Issued in the Near Future

1. Title: Quality Assurance Program Requirements (Operation)(Reg. Guide 1.33, Rev. 3)

   Expected Issuance Date: September 1979

   Description: This guide provides guidance on quality assurance program requirements for the operation phase of nuclear power plants.

   Contact: T. Scarbrough
   443-5913

2. Title: Qualification of Nuclear Power Plant Inspection, Examination, and Testing Personnel (Reg. Guide 1.58, Rev. 1)

   Expected Issuance Date: September 1979

   Description: This guide provides guidance concerning the qualification of personnel who perform inspections, examinations, and tests at nuclear power plants.

   Contact: T. Scarbrough
   443-5913

3. Title: Assumptions Used for Evaluating the Potential Radiological Consequences of Accidental Criticality in a Uranium Fuel Fabrication Plant (Reg. Guide 3.34, Rev. 1)

   Expected Issuance Date: July 1979

   Description: Provides guidance for modeling, source terms and potential dose estimation for evaluating criticality in a U fab plant.

   Contact: W. R. Pearson
   443-5910

4. Title: Assumptions Used for Evaluating the Potential Radiological Consequences of Accidental Criticality in a Plutonium Processing and Fuel Fabrication Plant (Reg. Guide 3.35, Rev. 1)

   Expected Issuance Date: July 1979

   Description: Provides guidance for modeling, source terms, and dose estimation for evaluating criticality in a Pu plant.

   Contact: W. R. Pearson
   443-5910

5. Title: Design Guidance for Radioactive Waste Management Structures, Systems, and Components Installed in Light-Water-Cooled Nuclear Power Plants (Reg. Guide 1.143, Rev. 1)

Expected Issuance Date: June 1979

Description: Provides design guidance related to seismic, quality classification, and quality assurance provisions for radwaste systems, structures, and components.

Contact: W. R. Pearson
443-5910

Publications Issued During the Week of April 23-27, 1979

List of Regulatory Guides Under Development - published titles and scopes of regulatory guides under development as of March 16, 1979, and, where appropriate, the related national standards such as those of the American National Standards Institute, American Nuclear Society, Institute of Electrical and Electronics Engineers, and the American Society of Mechanical Engineers. The list was developed before the recent accident at Three Mile Island Nuclear Station. It did not include any new guides or revisions to existing guides that may be found to be necessary as a result of the ongoing investigations of that accident.

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending April 27, 1979

Guard Force Strike at B&W Parks Township and Apollo Sites

The management of the Babcock and Wilcox Nuclear Material Division has notified licensing personnel of the likelihood that the guard force will strike at its Parks Township and Apollo sites on April 30, 1979. The licensee intends to provide equal plant protection measures through the use of non-striking security supervisors and salaried personnel. Specific compensatory measures were proposed by the licensee and modified during discussions with members of the licensing staff. Formal commitments to the agreed upon measures will be made a condition of the license prior to the strike deadline.

Enhancement of the Nuclear Materials Management and Safeguards System (NMMSS)

A request for procurement action has been forwarded to the Division of Contracts seeking a RFP for further work in clarifying and enhancing the data contained in the NMMSS. This contract will run approximately eight months and will (a) implement recommendations, from a previous contract, to improve inventory difference and authorized possession limit data and (b) examine and resolve data and reporting problems such as shipper/receiver differences, limits of error, safeguards thresholds and action code analysis.

NRC Upgrade of Type E Seals

Senators John Glenn and Abraham Ribicoff recently wrote Cyrus Vance, Secretary of State, raising certain questions concerning the adequacy of Type E seals as used by the IAEA. As a result of this request for information, NMSS initiated a review of Type E seal use by domestic licensees and Office of Inspection and Enforcement (IE) inspectors. Following a prelininary review, NMSS recommended to IE that NRC initiate use of soldering and fingerprinting techniques for Type E seals used for sealing SNM transport containers.

ENCLOSURE D

Meeting with Staff of Subcommittee of Energy and Nuclear Non-Proliferation

Representatives of NMSS, DOE and DOT met with a subcommittee staff member on April 25, 1979, to discuss means for enabling the IAEA to ship plutonium samples and standards by aircraft. As a result of the meeting, Senator Glenn will probably request NRC, DOE and DOT to examine and pursue possible approaches to alleviate the IAEA safeguards problem.

NRC/DOE Meeting

On April 11, 1979, the second in a series of meeting was held with the U.S. Department of Energy (DOE) and their contractors. The purpose of this meeting was to provide the NRC staff and our contractors with a better understanding of the geological exploration program being implemented by DOE to identify sites for nuclear waste repositories. NRC staff members from NMSS, SD, NRR, and RES attended. A copy of the meeting notice was placed in the NRC public document room at 1717 H Street and was sent to those individuals who had requested that they be notified of NRC/DOE meetings on waste management matters. The total attendance at the meeting was about 100 persons including several individuals from the public, other government agencies, and congressional staffs.

DOE briefly described their program for selecting a repository site. The sequence of geologic investigations in this process is to (1) identify geologic formations of interest, (2) perform regional reconnaissance studies on favorable geologic formations, (3) perform more detailed studies on smaller areas ($\sim$1000 mi^2) within a favorable geologic formation, and (4) prepare detailed site specific confirmation studies on areas of no more than a few square miles.

The geologic exploration work in both salt and non-salt media by DOE is taking place in seven areas inthe United States. These include the Gulf Interior Region (Texas, Louisiana, Mississippi), the Paradox Basin (Colorado, Utah), the Permian Basin (Oklahoma, Texas, New Mexico), the Salina Basin (Ohio, New York), the WIPP site. By 1984, work should have progressed in these areas to the point where DOE will be able to determine the feasibility of developing a repository at specific sites within these regions, Hanford, and the Nevada Test Site.

DOE is starting a program to examine geologic media other than salt, but DOE has not yet defined geographic regions of interest. This work will focus primarily on argillaceous and crystalline rocks. The geologic exploration program in non-salt media will not be completed until 1985.

The next meeting between DOE and NRC on waste management matters is tentatively scheduled for late May, when the topic of criteria development will be discussed.

LLL Paper re Waste Disposal in Deep Geologic Repositories

In response to a recent NRC change to our contract with Lawrence Livermore Lab, the lab has submitted a draft working paper entitled, "Regulatable Elements in the Waste Management Program," which includes lists of elements that they feel are important to the problem of waste disposal in deep geologic repositories. The NRC staff will meet with LLL to discuss this working paper the week of May 1, 1979.

Meeting re 10 CFR 60

During the week of May 1, 1979, NMSS will conduct a meeting with SD and LLL to discuss the Livermore report and the preliminary draft of subpart B to 10 CFR Part 60 to decide on the content for the initial draft for public comment.

Presentation by Witherspoon, Lawrence Berkeley Labs

Professor Witherspoon from the Lawrence Berkeley Labs will give a presentation on the "Stripa Mine Experience on High-Level Waste Disposal in Sweden." This presentation will be given in Room 150 of the Willste Building on May 1, 1979, at 9:00 a.m.

Waste Shipment from TMI

Waste Management was informed by Washington Radiation Control Program staff that Three Mile Island waste shipments to the commercial low-level waste site near Richland have renewed interest in House Bill 675. The Washington legislature is holding hearings on the bill Thursday evening, April 26, 1979. The bill would forbid storage or disposal in Washington of all wastes generated outside the state except defense wastes. Waste Management referred the matter to the Office of State Programs for follow-up.

Low-Level Waste Burial Ground at Sheffield

Nuclear Engineering Company's (NECO) attorney and OGC signed an agreement on the Sheffield, Illinois, low-level waste burial ground. When NECO's management consents, the agreement will provide for compliance with NRC's order dated March 20, 1979, in that requirements for site security, monitoring, and maintenance, etc., in the site license will be met.

ACRS Waste Management Subcommittee Meeting

Members of the Waste Management Division attended the ACRS Waste Management Subcommittee meeting in Richland, Washington, on April 18-20, 1979. The draft High-Level Waste Management Program (copies of which had earlier been mailed to Subcommittee members and consultants) was discussed with the Subcommittee in some detail. The Plan is being reviewed in light of Subcommittee comments prior to submittal to the Commission.

Meeting with Swedish Representatives

Messrs. Bo Aler and Ragnar Nilson of Studsvik A.B. along with Mr. Lars Larson of the Swedish Embassy visited NRC for discussions on reactor safety, fuel cycle safety and future research cooperation. Research and reactor aspects were handled by the RES staff. The Swedish visitors indicated that they have two alternative routes for handling spent fuel from reactors. Authority for two reactors has been based upon reprocessing of fuel by COGEMA (France) with subsequent disposal of high level wastes in Sweden. The disposition of plutonium is not established at this time. The additional nine reactors have been justified by interim spent fuel storage at an AFR for several decades. For subsequent actions, consideration will be given to either reprocessing based on experience to that date or spent fuel disposal. Present Swedish studies on the latter option include encapsulation in a thick copper cannister and burial in rock formations.

The Swedish representatives indicated that they have adequate indigenous uranium supply to fuel about a dozen LWR's for their projected operating life (30 years) and feel that their independence in this regard is significantly different from most countries in western Europe.

NASAP

FC comments on DOE document "Nuclear Energy System Characterization Data" were finalized. The more significant items were that: (a) for many cases considered, the uranium needs through 2025 far exceed the projected U.S. resources and this was not indicated in any way; (b) all cases except the introduction of the breeder indicate the build-up of large (hundreds to thousands of tonnes) quantities of fissile materials; (c) no cases were designed to minimize such build-ups to aid proliferation resistance; and (d) technological fixes such as dilution and spiking are apparently considered in the study to be an adequate means for achieving proliferation resistance upgrading.

Incident Response Group

A planning group of senior staff headed by F. D. Fisher has begun preparation of a charter, tasks breakdowns, schedules, and estimates of staffing and other resources requirements for an appropriate capability for responses to incidents involving Fuel Cycle and Material Safety licensees.

Amendment of Table S-3 for Radon

Revised estimates of the radon releases from the front end of the uranium fuel cycle have been developed for Table S-3. These estimates are based on recent measurements of radon releases at mines and mills and are lower in total than the estimates given in testimony by the staff at individual reactor hearings. The new radon-222 values proposed for Table S-3 are 4860 Ci/AFR during operation of the mines and mills, plus 9 Ci/AFR/year during the first 100 years after shutdown and 17 Ci/AFR/year during the period between 100 and 1,000 years after shutdown. The projections are not extended beyond 1,000 years because uncertainties become too large. Drafts of the Commission paper, Federal Register notice, and press release on the proposed amendment of Table S-3 are being prepared for internal review.

Assessment of Radionuclide Capture, Retention and Disposal Technology

OECD-NEA draft Chapter 7, Assessment of Radionuclide Capture, Retention and Disposal Technology was reviewed and commented upon. This report suggests a methodology for evaluating whether radionuclide capture, retention and disposal systems are cost effective. It compares costs with dose commitments averted to a world population of 100 billion

persons over a 10,000-year period for long-life radionuclides such as ^{14}C and ^{129}I. This report, however, avoids the principal issue of how much is a man-rem, dose commitment, to a world population worth? Thus the ability to make a finding as to whether the radionuclide capture, retention and disposal systems are cost effective is still uncertain.

Fuel Cycle Facility Accident Research Projects

FC staff members attended a coordination meeting for Fuel Cycle Facility Accident Research Projects. Representatives from PNL, LASL and ORNL were briefed by RES on the general scope of the research activities required by each contractor. The contractors outlined their approach and tentative schedules for their programs.

The first phase, literature search and accident and incident categorization, will be completed in three months. NRC will review with contractors and set up a priority for Phase II, experimental work in establishing models and aerosols to study release behaviors for eventual source term formulation.

SD provided an interim report prepared by ANL entitled, "Externally and Internally Caused Accidents and Incidents in the Nuclear Fuel Cycle Facilities." This interim report is a rather comprehensive listing of incidents that occurred in the United States and foreign countries from 1942 to 1978 and a copy was turned over to E. D. Fisher for his use in the planning of the Fuel Cycle Incident Response Study Program being launched.

New Fuel Fabrication Plant

Westinghouse announced on April 11, 1979, that it plans to build a new low-enriched uranium fuel manufacturing facility near Montgomery, Alabama. An application for this plant will be submitted to NRC in late 1979. The Westinghouse timetable calls for fabrication of fuel to begin in 1983.

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending April 27, 1979

1. Preliminary Notifications relating to the following actions were dispatched during the past week:

   a. PNO-79-67AB through 67AH Three Mile Island Unit 2 - Nuclear Incident at Three Mile Island Unit 2 - These Preliminary Notifications were issued to provide updated status information regarding the incident.

   b. PNO-79-88 North Anna Units 1 & 2 - Problem in Reanalysis of Piping Stresses - During reanalysis of main steam piping, Stone and Webster found that stress analysis assumptions used for Unit 1 were also used for Unit 2. Since Unit 2 main steam valve housing has a soil foundation while Unit 1 is founded on rock, response characteristics are different and more severe for Unit 2 piping in the main steam valve housing. Subsequently, four pipe hangers were identified that required modification. Corrective action is in progress. (Closed)

   c. PNO-79-89 Rancho Seco - Loss of Inverter Power Supply - Automatic Reactor Trip - On April 22, 1979, the reactor sustained an automatic shutdown from high reactor coolant system pressure casued by a failure of the "A" inverter power supply. There were no anomalies in the reactor protection system or plant operator performance during the event. The licensee completed repairs to the failed inverter and returned the unit to operation. (Closed)

   d. PNO-79-90 Big Rock Point - Reactor Coolant Pressure Boundary Leak - The licensee reported the discovery of a small primary system leak while hydrotesting the pressure vessel in preparation for startup following an extended refueling outage. The leak was located on a control rod drive thimble at the weld joining the thimble to the reactor vessel. No estimate of delay in startup has been made; however, the repair may require defueling of the reactor. An IE inspector is at the site. (Closed)

   e. PNO-79-91 Millstone Point Unit 2 - Vapor Binding of Shutdown Cooling System Pump - While operating the Shutdown Cooling System (SDC) in a degraded mode, the LPSI pump became air bound resulting in a loss of SDC flow. The licensee took safety measures and restored flow. The planned restoration activities resulted in the spillover of approximately 15,000 gallons of water through an open steam generator manway to the containment. There was no release of radioactive material to the environs. (Closed)

f. PNO-79-92 Crystal River Unit 3 - Industrial Death in Spent Fuel Pool - On April 25, 1979, a contractor employee fell into the spent fuel pool and was killed. The man fell about 40 feet to the bottom of the pool which had been drained for maintenance. The State of Florida and OSHA have been informed. (Closed)

g. PNO-79-93 North Anna Units 1 & 2 - Electrical Transfer Bus Overloads - Licensee review of electrical requirements during combined operation of Units 1 & 2 revealed that the 4160 volt common transfer bus and transfer feeder breakers are not capable of carrying full load current under certain circumstances. This problem involves power supplies to general plant systems and does not affect emergency equipment power supplies. The licensee is preparing to rearrange transfer bus loads to alleviate this problem prior to Unit 2 startup. (Closed)

h. PNO-79-94 Indiana University Medical Center, Indianapolis, IN - Fire at Licensee's Facility - On April 25, 1979, a fire occurred in the basement of the licensee's facility because of a shooting when one of the shots struck a flask of volatile liquid. One person was killed from the shooting and the person doing the shooting attempted suicide. The fire occurred in an area where 1.9 microcuries of iodine-125 was stored; however, it is believed that the fire did not reach the radioactive material. (Closed)

i. PNS-79-36 Duane Arnold - Threat Letters - A local radio/TV station in Cedar Rapids, Iowa and Mr. Duane Arnold received letters from the Eastern Iowa Anti-Nuke Vigalantes claiming to have 100 grams of plutonium which they threaten to use to cause contamination of the Iowa Electric Light and Power Co. corporate headquarters and the residence of Mr. Duane Arnold, president of the utility, unless the plant is closed down by May 4, 1979. The matter was turned over to the appropriate Federal agency. (Closed)

j. PNS-79-37 Diablo Canyon Unit 1 & 2 - Bomb Threats - Bomb threats were received on April 20 and 25, 1979. In each instance, the licensee conducted a search of the facilities with negative results. (Closed)

INSPECTION E

OFFICE OF NUCLEAR REGULATORY RESEARCH

Import Items - Week Ending April 27, 1979

LOFT

The new schedule for the second nuclear test in LOFT (L2-3) is May 7, 1979. This test will simulate an accident involving the sudden rupture of a coolant inlet pipe when the reactor is operating at a power level of about 38 MWt, which corresponds to the nominal power density in a commercial LWR (12 Kw/ft. linear heat generation rate).

In recent preparations for the test, the LOFT reactor was filled with water, pressurized and brought to criticality. After zero power physics tests, the power was raised to 10 percent to check the secondary system for leaks. The plant is now cooled down while preparations for the L2-3 test are completed.

ENCLOSURE F

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING APRIL 27, 1979

INTERNATIONAL COOPERATION

Foreign Visits

Six members of the Chinese Nuclear Energy Society delegation which visited NRC on March 27 returned on April 23 for a follow-up session with IP and RES staff members to discuss the ground rules for bilateral agreements, including personnel and information exchanges.

Mr. Pierre Audigier, Deputy to the Executive Officer of the French Interministerial Committee for Nuclear Safety and Mr. Guy Jeanpierre, Head of the Nuclear Materials Security Department of the Institut de Protection et de Surete Nucleaire, met with SP staff on Tuesday to discuss emergency preparedness, NMSS staff Wednesday to discuss waste management, material control and physical security protection, and SD staff on Thursday to discuss low level radiation.

* ### Foreign Reports

The following foreign reports were received at IP during the week of April 23-27. For further information contact Ann McLaughlin (27788). (** indicates report is in English.)

From Sweden

1. Vacuum Treatment Deoxidation and Desulphurization of 13 Cr-, Ni-, 1, 5 Mo-steel. **

2. Metallographic Studies of Steels Containing Vanadium and Chromium After Simulated Stress-Relief-Cracking. **

3. Investigation of the Plasma Hot-Wire Process for Corrosion-Resistant Cladding of Nuclear Components. **

4. Effects of Impurities on the Hot Ductility of Austenitic Stainless Steels.**

5. UNIDOSE - A Computer Program for the Calculation of Individual and Collective Doses From Airborne Radioactive Pollutants (Studsvik) **

6. KBS-Safe Handling and Storage of High Level Radioactive Waste.**

ENCLOSURE H

EXPORT IMPORT AND INTERNATIONAL SAFEGUARDS

The Action Plan Working Group met Tuesday morning at the Department of State. NRC was represented by Chris Kessler (IP) and Ted Sherr (NMSS). The principal topic of discussion was the development of an effective management process for the implementation of work plans which have been reviewed and accepted by the Working Group.

An interagency meeting on the subject of exchanging information regarding material control and accounting with other countries was held at NMSS Thursday morning. In addition to NRC (NMSS and IP), DOE and ACDA were represented.

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING APRIL 27, 1979

Emergency Preparedness

Federal Interagency Regional Advisory Committee reviews of State Emergency plans for Vermont and Pennsylvania were initiated this week.

H. E. Collins, SP, briefed the Commission on the status of Emergency Preparedness Program activities with Federal, State and local governments. The current status of State plans was covered in brief.

State Agreements

The Georgia Department of Natural Resources regulatory program for agreement materials will be reviewed on April 30 and May 1.

The New York Department of Labor regulatory program for agreement materials will be reviewed during the week of April 30.

Program Development

NUREG-CR/0756, "Transportation of Radioactive Material in Illinois -- June 6, 1977 to June 6, 1978," was published this week, reporting on the State's first-year's monitoring program, performed under an agreement with NRC and DOT. The monitoring was conducted by State Police troopers in cruisers equipped with radiation detection instrumentation provided by NRC.

The Office of State Programs and the Denver Research Institute of the University of Denver held a public meeting in Jackson, Wyoming, April 24-25, to gather information and ideas on the socio-economic aspects of the transportation of low specific activity radioactive materials, and to examine the present lines of communication between NRC, the uranium industry and the general public.

ENCLOSURE I

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

Week Ending - April 27, 1979

TMI FOIA

Prepared with ADM the procedures for agency control and release of TMI documents under the FOIA. Documents will be entered in NRC's document control system and added to the TMI docket forming the official file of the accident.

TMI Action Plan

At EDO's request developed an inventory of actions underway in response to TMI accident. List will be used to exchange information between offices and with the Commission. It will provide the basis for the agency's action plan and should prove valuable in the ensuing investigations.

Congressional Transcripts

Edited transcripts and coordinated inserts for records of the following hearings: (1) Senator Hart's hearing on Three Mile Island accident on April 10; (2) Representative Dingell's subcommittee on NRC authorization; and (3) Senator Hart's hearing of March 27 on the shutdown of five reactors due to seismic design.

PAO on Three Mile Island-2

Sent Proposed Abnormal Occurrence on Three Mile Island-2 to staff for review and comment.

ENCLOSURE J

OFFICE OF THE CONTROLLER

ITEMS OF INTEREST

Week Ending April 27, 1979

FY 1979 REPROGRAMMING SECY-79-53 AND SECY-79-53A

The Commission concurred in the proposed reprogramming actions and transmitted them to Congress for approval.

RESOURCE IMPACT OF THREE MILE ISLAND AND 5 PLANT CLOSINGS

A call issued to all Office Directors to identify "best estimate" resources changes for the remainder of FY 1979 and FY 1980 due to the recent reactor incidents, requested submissions by Thursday, April 26, 1979. Some submissions have been received. Remaining submissions are promised to be submitted by next week.

FY 1979 MID-YEAR RESOURCES REVIEW

CON issued a call for the staff to complete a FY 1979 Mid-Year Review of resource requirements by mid May. This review will be incorporated into the Commission-requested Second Thirdly program review planned for late in May.

Enclosure K

CALENDAR OF SIGNIFICANT EVENTS

May 1	Midland - Prehearing conference
May 4	Salem 2 - SER Supplement No. 4 to be issued
	NEP 1 & 2 - SER Supplement No. 1 to be issued
	Carroll County - Orientation meeting for reviewers and their supervisors (which was postponed because of TMI efforts) will be held during the week ending May 4
	Summer - A Visit to the Plant to review fire protection features will be made during the week ending May 4
May 7-9	New Haven 1 & 2 - Site visit - Public meeting will be held on May 8, 1979 in Mexico, NY

ENCLOSURE L

ITEMS APPROVED BY THE COMMISSION - RECEIVED WEEK ENDING APRIL 27, 1979

A. SECY-79-142A - PROPOSED LICENSE TO IMPORT LOW ENRICHED URANIUM FROM SWEDEN (WESTINGHOUSE APPLICATION ISNM 79006) (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/20/79)

This is to advise you that the Commissioners have reviewed the subject license to Westinghouse Electric Corporation. The Commission (with all Commissioners concurring) has accepted your recommendation to import from Sweden 92, 281 kilograms of uranium, enriched to 3.3% U-235, in the form of UO_2 pellets contained in zircaloy fuel rods.

The Office of International Programs was informed of this action by telephone on April 20, 1979.

It is requested that you provide notification of the issuance and delivery of this license to Westinghouse by c.o.b. April 24, 1979.

B. STAFF REQUIREMENTS - AFFIRMATION SESSION 79-8, 11:50 A.M, THURSDAY, APRIL 19, 1979, COMMISSIONERS' CONFERENCE ROOM, D.C. OFFICE (Open to Public Attendance) (Memo, Chilk to Bickwit and Fraley)

I. SECY-79-207 - Kranish FOIA Appeal 79-A-3 (Consent Calendar Item)

The Commission, by a vote of 4-0*, denied the subject appeal. In taking this action the Commission requested that the Secretary inform Mr. Kranish of its decision in this matter. (OGC/SECY)

II. SECY-79-203 - Appointment of ACRS Member (Consent Calendar Item)

The Commission, by a vote of 4-0**, approved the appointment of Dr. Harold W. Lewis to the ACRS. In taking this action the Commission requested that a letter offering Dr. Lewis an appointment with the ACRS be dispatched over the signature of Chairman Hendrie. (ACRS)

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* Although not in attendance, Chairman Hendrie had previously indicated his approval of the recommendation to deny this appeal.

** Although not in attendance, Chairman Hendrie had previously indicated his approval of this appointment.

ENCLOSURE M

C. SECY-79-211 - WRITTEN PHYSICAL SECURITY ASSURANCE FROM ITALY (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/20/79)

This is to advise you that the Commission (with four Commissioners concurring) has concurred in the recommendation of the staff to approve the Italian assurance letter as adequate under 10 CFR 110.43; and noted that written physical assurances have now been received from all member states of EURATOM, and that exemptions to §110.43(a)(2) and (b), as amended, are no longer necessary. Commissioner Bradford did not concur in this action.

In connection with his non-concurrence, Commissioner Bradford noted: "If the informal translation, as suggested, fails to convey a prospective intent, please get a correct translation. If the problem is more serious, please so advise us. I cannot agree that the Italian 'applies' looks to the future the way the Belgian 'ensures' does."

The Office of International Programs was informed of this action by telephone on April 19, 1979.

It is requested that you provide a response to Commissioner Bradford's comment through the Office of the Secretary by May 21, 1979.

D. SECY-79-254 - PROPOSED LICENSE TO IMPORT HIGH ENRICHED URANIUM FROM FRANCE (ISNM 79003) (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/20/79)

This is to advise you that the Commissioners have reviewed the subject license to Transnuclear, Incorporated. The Commission (with all Commissioners concurring) has accepted your recommendation to import from France 22.701 kilograms of uranium, enriched to 73.12% U-235, in the form of UF_6.

The Office of International Programs was informed of this action by telephone on April 20, 1979.

It is requested that you provide notification of the issuance and delivery of this license to Transnuclear by c.o.b. April 24, 1979.

ENCLOSURE M

E. SECY-79-255 - PROPOSED AMENDMENT TO IMPORT LICENSE ISNM78004 LEU FROM WEST GERMANY (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/20/79)

This is to advise you that the Commissioners have reviewed the subject license to Exxon Nuclear Company, Incorporated. The Commission (with all Commissioners concurring) has accepted your recommendation to amend the license to increase the quantity of material to be imported from West Germany from 43,340 kilograms of uranium, enriched to 2.9% U-235, to 86,480.1 kilograms of uranium, enriched to 3.2% U-235, in the form of UO_2.

The Office of International Programs was informed of this action by telephone on April 20, 1979.

It is requested that you provide notification of the issuance and delivery of this license to Exxon by c.o.b. April 24, 1979.

F. SECY-79-256 - PROPOSED LICENSE FOR IMPORT OF LEU UF_6 FROM THE USSR (IMPORT APPLICATION ISNM79005) (Commissioner Action Item) (Memo, Chilk to Gossick dated 4/20/79)

This is to advise you that the Commissioners have reviewed the subject license to Exxon Nuclear Company, Incorporated. The Commission (with all Commissioners concurring) has accepted your recommendation to import from the USSR 40,000 kilograms of uranium, enriched to 3.1% U-235, in the form of UF_6.

The Office of International Programs was informed of this action by telephone on April 20, 1979.

It is requested that you provide notification of the issuance and delivery of this license to Exxon by c.o.b. April 24, 1979.

G. EMERGENCY CONTACT WITH LICENSEES (Memo, Chilk to Gossick dated 4/23/79)

When we get to the lessons learned phase of Three Mile Island would you please consider the following additions to the emergency communications network.

a. A street address (not post office box) suitable for telegram delivery.

b. An emergency telephone contact at corporate headquarters.

c. A compatible network of low-speed or high-speed facsimile transmission equipment.

ENCLOSURE M

H. SECY-79-95 - NON-PROLIFERATION LANGUAGE IN NRC INTERNATIONAL AGREEMENTS (Memo, Chilk to Gossick dated 4/25/79)

Reference is made to the memorandum to the Commissioners from the Director of International Programs, subject as above, dated April 17, 1979.

This is to advise you that the Commissioners (with four Commissioners concurring and Commissioner Ahearne non-concurring in part) have agreed to the dispatch of the proposed letter to the Department of State. Commissioner Ahearne non-concurred in inclusion in the letter of the question as to whether the Executive Branch recommends that Option 2 be adopted. However, in the interest of expediting receipt of Executive Branch views, he did not object to dispatch of the letter.

The Office of International Programs was informed of this action by telephone on April 24, 1979.

It is requested that you forward a copy of the letter to the Office of the Secretary after signature and dispatch by the Deputy Director of International Programs.

I. UCS EMERGENCY PETITION (Memo, Chilk to Gossick dated 4/25/79)

On March 28, 1979, the Union of Concerned Scientists (UCS) filed the attached petition with the Commission entitled, "Emergency Petition for the Reanalysis of the Capacity of Operating Plants to Withstand Earthquakes." The Commission believes that this should be treated as a petition filed under 10 CFR 2.206 and that the initial response to the UCS should come from the Director, Office of Nuclear Reactor Regulation. The Commission will have the opportunity sua sponte to review the staff decision under 10 CFR 2.206(c). The Commission has requested that, consistent with available staff resources, the staff should promptly respond to the petition. Please advise the Commission within one week of an approximate staff schedule. (Attachment not included)

CALENDAR OF SPEAKING ENGAGEMENTS

MAY

1	State of South Carolina Advanced Management Seminar, Greenwood, SC - NRC Concurrence Program for Fixed Nuclear Facilities - J. W. Hufham
6	11th Annual National Conference on Radiation Control, Sheraton-Century Center Hotel, Oklahoma City, OK - Report on Current and Projected Federal Radiation Protection Activities with EPA and FDA - Robert G. Ryan
17	National Classification Management Society Seminar, Jack Tar Hotel, San Francisco, CA - The NRC Security Program - Classification Management in a Regulatory Agency - Raymond J. Brady
21	Radioactive Waste Management for Nuclear Power Reactors - Rules, Regulations and Standards - Alexandria, VA - I. C. Roberts
23	Annual Records Management Conference of the National Archives, Fredericksburg, VA - Automation of Records Management at NRC - R. Stephen Scott

JUNE

3-8	American Nuclear Society Annual Meeting, Atlanta, GA - Status of Pertinent Regulations and Regulatory Guides for Independent Spent Fuel Storage Installations - Russell E. L. Stanford
4-15	Lecture the IE inspectors on concrete and other structural defects experienced in Nuclear Power Plant Construction - L. L. Beratan

ENCLOSURE N