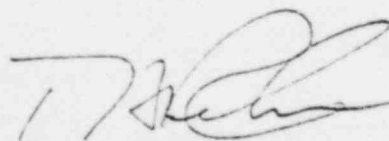


September 24, 1980

For: The Commissioners
From: T. A. Rehm, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING SEPTEMBER 19, 1980

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

<u>Contents</u>	<u>Enclosure</u>
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 *
Analysis and Evaluation of Operational Data	L *
Items Approved by the Commission	M **
Calendar of Speaking Engagements	N



T. A. Rehm, Assistant for Operations
Office of the Executive Director
for Operations

*No input this week.
**Deleted from PDR copies.

CONTACT:
T. A. Rehm, 27781

2010060 080

Summary of Weekly Information Report
Week Ending September 19, 1980

Big Rock Point Plant

The ASLB issued an order on September 12, 1980, requiring that the NRC staff prepare an Environmental Impact Statement pursuant to 102(2)(c) of NEPA covering (1) the environmental impacts of the proposed Big Rock Point expanded spent fuel pool and (2) the additional term of operation of the facility that the proposed fuel pool expansion would permit. Because the full-term operating license for Big Rock Point was issued prior to the effective date of NEPA, an Environmental Impact Statement for operation of this plant was not required.

Surry Unit 1

Surry Unit 1 was shut down on September 14, 1980, as the result of a steam generator tube leak in steam generator B greater than 0.3 gpm. The unit was already scheduled to come off line this week to begin the steam generator repair program, which should last for about eleven months. Potomac Alliance is planning to file a request for a Temporary Restraining Order with the U.S. District Court which would halt the repair program.

Browns Ferry Unit 2

Browns Ferry Unit 2 shut down for refueling on September 5, 1980. When TVA started replacing the fuel, two fuel assemblies were found that had been misoriented 90° through the past fuel cycle. One fuel assembly was in the center of the core; the other was four rows out from the center. GE is performing an analysis for TVA of the possible effects the two misoriented fuel assemblies might have had on critical power ratios under potential transient conditions.

TMI Reactor Building Entry and Purge

The next entry into the Unit 2 reactor building is scheduled for Thursday, September 25. In an effort to minimize the radiation exposure to the entry team, the reactor building was purged on Friday, September 19.

NFS - West Valley

On September 17, 1980, the Senate and the House passed the West Valley Demonstration Project Act. When signed by the President, this Act will authorize DOE to conduct a project to solidify the high level liquid wastes at West Valley.

Differing Professional Opinions

The EDO signed the manual chapter to implement the policy and procedures on Differing Professional Opinions. Copies of the chapter will be sent to every NRC employee.

OFFICE OF ADMINISTRATION

Week Ending September 19, 1980

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Received	552	36
Granted	427	11
Denied	88	16
Pending	37	9

ACTIONS THIS WEEK

Received

Matthew Gillen,
Amalgamated Clothing
and Textile Workers Union
(80-472)

Requests a copy of all files and reports related to a fire that occurred on July 31 at Ethicon, Inc., Somerville, NJ.

G. R. Bosworth
(80-473)

Requests a list of places in the US where nuclear materials are either stored, used or dumped.

Sarah Capawana
(80-474)

Requests a copy of NUREG-0654/FERMA-REP-1, the 1964-65 Revision of WASH-740, the Brookhaven Report, Theoretical Possibilities and Consequences of Major Accidents in Large Nuclear Power Plant, and NUREG-0610.

W. Jackson Davis,
University of California
(80-475)

Requests 14 categories of information relating to the dumping of radioactive wastes off the Atlantic and Pacific coasts.

Robert Post,
Morgan, Melhuish,
Monaghan & Meyer
(80-476)

Requests a copy of the contracts in effect between the General Electric Company and the Knowles Atomic Plant from August 18, 1954 to December 3, 1965, all purchase orders for asbestos products for the Knowles Atomic Plant, and a copy of the Operating and Safety Regulations in effect at the Knowles Plant.

Rodney J. Davis,
NUS Corporation
(80-477)

Requests a copy of three documents listed in the bibliography of NUREG-0625 "Report of the Siting Policy Task Force."

CONTACT: J. M. Felton
492-7211

ENCLOSURE A

Granted

Robert J. Willis,
Florida Rural Legal
Services, Inc.
(80-417)

In response to a request for copies of all notifications received by the NRC of the shipment of radioactive materials through the State of Florida for the period beginning January 1979 to the present, informed the requester the NRC has not located any documents subject to the request.

John Freeman
(80-440)

In response to a request for information on uranium mining and its effects upon the environment and people; a copy of any report of the activities of the National Uranium Resource Evaluation Program and The Council of Energy Resource Tribes; and any report of safety violations by Union Carbide, TVA, and the Kerr-McGee Corporation, made available nine documents. Informed the requester we have also referred his request to the Department of Labor, Environmental Protection Agency and the Department of Energy for direct response to him.

(NRC employee)
(80-444)

In response to a request for six categories of information pertaining to herself, made available 55 documents.

(An individual requesting
information)
(80-451)

In response to a request for copies of all travel records on his deceased father, made available one document.

Ellyn R. Weiss,
Harmon & Weiss
(80-455)

In response to a request for all NRC staff responses to a memorandum of April 6, 1979 by S. H. Hanauer regarding environmental qualification of components and systems, and accident instrumentation and backfitting, made available one document.

(NRC employee)
(80-458)

In response to a request for copies of all correspondence pertaining to her recent job evaluation, made available five documents.

(An individual requesting
information about himself)
(80-461)

In response to a request for copies of all records maintained by the NRC on him, informed the requester the NRC has no information pertaining to him in its personnel, security or radiation exposure records.

Joyce Gillogly,
PRC Information
Sciences Company
(80-470)

In response to a request for a listing of current contracts maintained by the NRC, made available this information.

Granted, Cont'd

(An individual requesting
information about himself)
(80-471)

In response to a request for information on his
Reactor and Senior Reactor Operator License exam
results, made available this information.

Denied

James Thomas,
NTEU President
(80-450)

In response to a request, on behalf of an NRC employee,
for tardiness records on named employees, denied this
information, the disclosure of which would constitute
a clearly unwarranted invasion of personal privacy.

DIVISION OF SECURITY

WEEK ENDING SEPTEMBER 19, 1980

Revisions of NRC Manual Appendix 2101, "NRC Security Program," Part III, "Control of Classified Information and Documents," have been forwarded to the Office of Management and Program Analysis for coordination and publication. Included are minor modifications of provisions for preparation of classified documents, the existing requirement for the use of cover sheets. The provisions and exhibits of NRC Bulletin 2101-16, "Protection of Classified Microfiche," have been included and that bulletin will be cancelled.

ENCLOSURE A

OFFICE OF NUCLEAR REACTOR REGULATION

WEEKLY ITEMS OF INTEREST
(Week Ending September 19, 1980)

Big Rock Point Plant

The ASLB issued an order on September 12, 1980 requiring that the NRC staff prepare an Environmental Impact Statement pursuant to Section 102(2)(C) of NEPA covering (1) the environmental impacts of the proposed Big Rock Point expanded spent fuel pool, and (2) the additional term of operation of the facility that the proposed fuel pool expansion would permit. Because the full-term operating license for Big Rock Point was issued prior to the effective date of NEPA, an Environmental Impact Statement for operation of this plant was not required. In reaching its decision, the ASLB held that the proposed fuel pool expansion would enable the licensee to utilize a greater term of its operating license than would otherwise be possible and the ASLB considered that the fuel pool expansion would have a significant effect on the environment. The Board also admitted the following contention: "An environmental review of the proposed spent fuel pool expansion is necessary under Section 102(2)(C) of NEPA and would indicate that the environmental costs of this expansion exceeds the benefits."

The NRC staff had originally scheduled issuance of the SER and Environmental Impact Appraisal for September 30, 1980.

Surry Unit No. 1

Surry Unit 1 was shut down on September 14, 1980 as the result of a steam generator tube leak in steam generator B greater than 0.3 gpm. The Unit was already scheduled to come off line this week to begin the steam generator repair program. The repair program will begin now and last for about eleven months.

Browns Ferry Unit 2 -

Browns Ferry Unit 2 shutdown for refueling on September 5, 1980. When TVA started replacing the fuel on September 15, 1980, two fuel assemblies were found that had been misoriented 90° through the past fuel cycle. One fuel assembly was in the center of the core; the other was four rows out from center. Unit 2 had started-up from the previous refueling outage on May 26, 1979. Prior to startup, there had been three lines of QA/QC review of fuel orientation; at that time, the review of the video tapes disclosed 16 misoriented bundles, which were corrected prior to startup. General Electric is performing an analysis for TVA of the possible effects the two misoriented fuel assemblies might have had on critical power ratios under potential transient conditions.

Surry Unit 1

We were informed by OGC today that Mr. James Dougherty, on behalf of the Potomac alliance, is planning to file a request for a Temporary Restraining Order with the U. S. District Court on September 15, 1980 which would halt the Surry 1 steam generator repair program. Surry 1 is scheduled to come off line about September 19, 1980.

NRC TMI PROGRAM OFFICE WEEKLY STATUS REPORT

Week of September 14-20, 1980

Plant Status

Core Cooling Mode: Cyclic natural circulation in the "A" reactor coolant system (RCS) loop via the "A" once through steam generator (OTSG), steaming to the main condenser, and RCS loop-A and B cyclic natural circulation to reactor building ambient.

Available Core Cooling Modes: OTSG "B" to the main condenser; long-term cooling "B" (OTSG-B); decay heat removal.

RCS Pressure Control Mode: Standby Pressure Control (SPC) System.

Backup Pressure Control Mode: Makeup system in conjunction with letdown flow (emergency use only due to suspected leaks in the seal injection system).

Major Parameters (As of 0500, September 19, 1980) (approximate values)

Average Incore Thermocouples: 135°F

Maximum Incore Thermocouple: 173°F

RCS Loop Temperatures:

	A	B
Hot Leg	129°F	132°F
Cold Leg (1)	85°F	91°F
(2)	82°F	85°F

RCS Pressure: 96 psig (DVM)

Pressurizer Temperature: 84°F

Reactor Building: Temperature: 82°F
Water level: Elevation 290.4 ft. (7.9 ft. from floor)
via penetration 401 manometer
Pressure: -0.3 psig (Heise)
Concentration: 0.6×10^{-4} uCi/cc (Kr-85) (prior to
purge of 9/19/80)

Environmental & Effluent Information

1. Liquid effluents from TMI-1 released to the Susquehanna River, after processing, were within the limits specified in Technical Specifications.

2. No liquid effluents were discharged from TMI-2.

POOR ORIGINAL

ENCLOSURE B

3. EPA Environmental Data. Results from EPA monitoring of the environment around the TMI site were as follows:

- The EPA measured Kr-85 concentrations ($\mu\text{Ci}/\text{m}^3$) at several environmental monitoring stations and reported the following results:

<u>Location</u>	<u>September 5-12, 1980</u> ($\mu\text{Ci}/\text{m}^3$)
Bainbridge	26
Goldsboro	27
Observation Center	27
Middletown	26
Hill Island	26

All of the above levels of krypton-85 are considered to be background levels.

- No radiation above normally occurring background levels was detected in any of the samples collected from the EPA's air and gamma rate networks during the period from September 10 through September 18, 1980.

4. NRC Environmental Data. The following are the NRC air sample analytical results for the onsite continuous air sampler:

<u>Sample</u>	<u>Period</u>	<u>I-131</u> ($\mu\text{Ci}/\text{cc}$)	<u>Cs-137</u> ($\mu\text{Ci}/\text{cc}$)
HP-233	September 10 - September 17, 1980	<7.2 E-14	<7.2 E-14

No reactor related radioisotopes were detected.

5. Licensee Radioactive Material and Radwaste Shipments. The following shipments were made:

- On Monday, September 15, 1980, the following shipments were made from Unit 2:
- ° A 40 ml reactor coolant sample (RCS) was shipped to Babcock and Wilcox (B&W), Lynchburg, Virginia.
 - ° Five miscellaneous water samples were sent to EG&G, Idaho Falls, Idaho. The samples consisted of three bleed tank and two RCS samples.
 - ° Five 6' x 6' condensate polisher resin liners (Type A, LSA) were sent to Nuclear Engineering Company (NECO), Richland, Washington.
 - ° An auxiliary building sump sample was sent to B&W, Lynchburg, Virginia.

POOR ORIGINAL

- On Tuesday, September 16, 1980, a Unit 1 (1,000 ml) NIOSH monthly composite sample was sent to Teledyne Isotopes, Westwood, New Jersey.
- On Thursday, September 18, 1980, an EPICOR-I resin liner, D-6 (Type B, LSA) was sent to NECO, Richland, Washington.

Major Activities

1. Mini Decay Heat (MDH) System. Work continued on preoperational items and the correction of functional test discrepancies. No date has been established for operation of the system.
2. Reactor Building Entry and Purge. The next entry into the Unit 2 reactor building is scheduled for Thursday, September 25, 1980. In an effort to minimize the radiation exposure to the entry team, the reactor building was purged on Friday, September 19, 1980. Based on prepurge reactor building air samples, there were a total of 36 curies of krypton inside the building. Based on the stack monitor, 27 curies of krypton were released to the atmosphere during the purge. A second reactor building purge will be initiated prior to the scheduled entry and will continue while the entry team is inside the reactor building. Following the purge on September 19, 1980, the concentration of krypton gas in the reactor building was reduced to 3.9×10^{-5} uCi/ml. The MPC for krypton for radiation workers is 1×10^{-5} uCi/ml. Repairs of the inoperable source range neutron monitor, NI-2, will commence during the entry on Thursday. An instrumentation technician, who will enter the reactor building with the 4 man entry team, will remove the NI-2 preamplifier from its mount on the 305' elevation. The technician will jumper the wires from the two NI-2 neutron sensors to wires which terminate outside the reactor building. Following the entry, the NI-2 preamplifier will be inspected and repaired if necessary. The two neutron sensors will be tested from outside the reactor building by means of the jumpered connections. Assuming that at least one of the NI-2 sensors tests favorably, the NI-2 monitor will be reassembled during the succeeding reactor building entry which is tentatively scheduled for sometime in October.

Repair of the differential pressure (ΔP) safety interlocks on the equipment hatch personnel airlock No. 1, is also scheduled during this entry. The ΔP interlocks for the two personnel airlock doors in the equipment hatch are stuck in the high ΔP positions. This prevents the doors from being opened. It appears that the interlocks can be reset from the reactor building side with hand tools. A similar interlock was stuck in the tripped position on the inner door of personnel airlock No. 2. Prior to the first reactor building entry, a hole was drilled through the reactor building liner to disable the stuck interlock.

Other task assignments for the September entry have not been finalized, but they will include radiation mapping and photography on the 305' and 347' elevations.

POOR ORIGINAL

ENCLOSURE B

3. Ground Water Monitoring Program. The weekly ground water sampling program, which commenced in November 1979 to monitor for signs of radioactive water leakage from the Unit 2 reactor building is continuing. From the samples taken to date, there does not appear to be any indication of leakage from the reactor building.

The monitoring program did identify higher than background tritium concentrations in the soil near the borated water storage tank (BWST). The tritium was attributed to previously identified leaks in the BWST components. The licensee has commenced construction of a trough under the BWST components to contain any future leakage.

Bechtel Corporation has been contracted to conduct the future ground water monitoring program. Bechtel has indicated that enough data has been accumulated to prepare a report on the program results. The Bechtel report is expected by the end of October 1980.

Meetings Held

1. On Tuesday, September 16, 1980, J. Collins, T. Elsasser, EPA and DER representatives met with members of the local labor unions to discuss the contents of the draft Programmatic Environmental Impact Statement (PEIS).
2. On Wednesday, September 17, 1980, J. Collins, T. Elsasser, EPA and DER representatives held two separate meetings to discuss the contents of the draft PEIS. The first meeting was held with the Dauphin County Commissioners and the second was with TMI Alert.
3. On Thursday, September 18, 1980, J. Collins, T. Elsasser, EPA and DER representatives held two separate meetings to discuss the contents of the draft PEIS. The first meeting was held with the York County Commissioners; and the second with members of ANGRY, (Anti-Nuclear Group Representing York).
4. On Friday, September 19, 1980, J. Collins, T. Elsasser, EPA and DER representatives held a meeting with members of the local clergy to discuss the contents of the draft PEIS.

Future Meetings

1. On Monday, September 22, 1980, J. Collins will appear on WART's Fred Williams' radio broadcast program from 10:00 a.m. to 1:00 p.m.. They will be discussing the draft PEIS and receiving and answering questions from the public while on the air.
2. On Monday, September 22, 1980, J. Collins, T. Elsasser, and representatives from EPA and DER will hold a meeting with the West Shore local elected officials to discuss the contents of the draft PEIS.

POOR ORIGINAL

ENCLOSURE B

3. On Tuesday, September 23, 1980, J. Collins, T. Elsassor, EPA and DER representatives will hold a meeting with the Last Shore local elected officials to discuss the contents of the draft PEIS.
4. On Thursday, September 25, 1980, J. Collins, T. Elsassor, EPA and DER representatives will hold a meeting with York and Lancaster area labor unions to discuss the contents of the draft PEIS.
5. On Saturday, September 27, 1980, J. Collins will address the American Association of University Women at their annual meeting in Reading, Pennsylvania.

POOR ORIGINAL

OFFICE OF STANDARDS DEVELOPMENT
IMPORTANT EVENTS FOR THE WEEK ENDING SEPTEMBER 19, 1980

1. Member State Comments on IAEA Draft Safety Guides

A. SG-07 - "Maintenance of Nuclear Power Plants"

By letter dated September 15, 1980 from Joseph D. Lafleur, Jr. to John Trevithick of the Department of State, Member State comments are being transmitted to the IAEA on an IAEA draft safety guide entitled "Maintenance of Nuclear Power Plants" (SG-07).

SG-07 does not conflict with U.S. policy or practice with regard to maintenance of nuclear power plants. Having been involved in, and satisfied with, the development of SG-07, we are recommending that the guide be approved for issuance by the IAEA, but that the U.S. propose certain specific detailed comments.

SG-07 contains provisions intended to meet the objectives and requirements of the relevant parts of the IAEA Code of Practice on Safety in Nuclear Power Plant Operation (including Commissioning and Decommissioning) related to maintenance of nuclear power plants. The guide addresses the organizational and procedural aspects of maintenance of nuclear power plant structures, systems and components without providing detailed technical advice on maintenance. The contents of SG-07 are generally comparable to the information found in 10 CFR Part 50, Appendix B, and Regulatory Guides 1.33, 8.8, and 8.10. The principal difference between SG-07 and the U.S. documents is in level of detail.

B. SG-QA6 - "Quality Assurance in the Design of Nuclear Power Plants"

By letter dated September 15, 1980 from Joseph D. Lafleur, Jr. to John Trevithick of the Department of State, Member State comments are being transmitted to the IAEA on an IAEA draft safety guide entitled "Quality Assurance in the Design of Nuclear Power Plants" (SG-QA6).

SG-QA6 does not conflict with U.S. policy or practice with regard to quality assurance during the design of nuclear power plants. Having been involved in, and satisfied with, the development of SG-QA6, we are recommending that the guide be approved for issuance by the IAEA.

SG-QA6 contains provisions intended to meet the objectives and requirements of the parts of the IAEA Code of Practice on Quality Assurance for Nuclear Power Plants related to quality assurance during nuclear power plant design. The contents of SG-QA6 are generally comparable to the U.S. standard ANSI N45.2.11-1974, "Quality Assurance Requirements for the Design of Nuclear Power Plants." A regulatory guide which endorses this U.S. standard has been issued. The principal difference between the IAEA Safety Guide and U.S. practice is that many of the provisions

SG-QA6 - continued

of the IAEA Safety Guide are less detailed than corresponding provisions in ANSI N45.2.11-1974. Thus the user of the IAEA Safety Guide is left with more discretion with regard to the implementation of the Safety Guide's provisions.

C. SG-G6 - "Preparedness of Public Authorities for Emergencies at Nuclear Power Plants"

By letter dated August 14, 1980 from Joseph D. Lafleur, Jr. to John Trevithick of the Department of State, Member State comments were transmitted to the IAEA on a draft IAEA Safety Guide, "Preparedness of Public Authorities for Emergencies at Nuclear Power Plants", SG-G6. (See Weekly Event report for week ending August 22, 1980.)

Additional comments on SG-G6 were recently brought to our attention. The comments were originated in the Department of Energy. By letter dated September 17, 1980 from Joseph D. Lafleur, Jr. to John Trevithick of the Department of State these additional comments were forwarded for transmittal to the IAEA.

2. Institute of Nuclear Power Operations Meeting: After the initial contact by the Institute of Nuclear Power Operations (INPO), a meeting has been set up between members of the INPO management (Wilkinson, Pack, and others) and SD (Minogue, Arlotto, and others) for September 26 at the NRC Offices, 5650 Nicholson Lane. The general agenda agreed upon is: (1) Overview of INPO activities; (2) Overview of Standards Development activities; and (3) Discussion to identify activities where cooperation would be mutually beneficial.

3. Radiation Policy Council Activities

The RPC is scheduled to meet on September 25, 1980. The meeting, which is open to the public, will begin at 2:00 p.m. (anticipated length is two hours) in room 2010 of the New Executive Office Building. The primary purposes of the meeting are: (1) To consider a tentative long term RPC agenda (1981-1983); (2) To consider recommendations flowing from three Task Force Reports (Radon in inhabited structures; Low-level radioactive waste management; and Reduction of Occupational Radiation Exposures); (3) To consider recommendations related to public participation in RPC activities; (4) To consider recommendations related to the initiation of three additional short-term studies (Management of Radiological Emergencies; Public Information/Public Education; and Conversion to SI Units); and (5) To review a partial draft of a mandated Report To The President on the RPC's Activities and Plans (Report due to President by 9/30/80).

R. B. Minogue, NRC's representative on the RPC, will attend the meeting.

4. At meetings in Vienna during the period September 1-12, 1980, representatives from SD, NMSS, and IE participated as technical advisors to the U.S. expert R. R. Rawl, DOT, in the ten year review of the IAEA transportation safety regulations. The IAEA regulations are the basis for U.S. domestic transportation regulations, as they are for most developed countries. Fifteen countries and six international organizations were represented by 59 participants at the meeting in Vienna. The many improvements agreed to will be included in a draft revision scheduled for distribution in March 1981. Revisions to U.S. transportation regulations (NRC/DOT) will be considered to maintain compatibility.

5. Publications Issued During the Week of September 15-19, 1980

NUREG-0506 - Introduction and User's Information for the Fixed Site Physical Protection Upgrade Rule Guidance Compendium

Reg. Guide 1.58, Rev. 1 - Qualification of Nuclear Power Plant Inspection, Examination, and Testing Personnel (Issued to Reflect Comments)

Draft Regulatory Guide and Value/Impact Statement: Proposed Rev. 1 to Reg. Guide 1.23, Meteorological Programs in Support of Nuclear Power Plants, Task SS 926-4 (Comments requested by November 20, 1980).

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending September 19, 1980

NFS-West Valley

On September 17, 1980, the Senate and the House passed the West Valley Demonstration Project Act. When signed by the President, this Act will authorize the Department of Energy to conduct a project to solidify the high level liquid wastes at West Valley.

DOE - NRC Information Meeting

The DOE Office of Nuclear Waste Isolation (ONWI) presented a summary of its National Waste Terminal Storage (NWTS) Waste Package Program Plan to members of the Division of Waste Management on September 10, 1980. This was the first of three meetings between DOE and NRC. The September 10 meeting presented an overview of the plan and concentrated on engineering barriers that go around the waste package. A second one-day meeting will be held the week of October 27, 1980 to discuss the waste package. A third meeting will be held in several months to discuss performance assessment of the waste package. The program plan is based on having a repository ready to accept hot waste in 1997.

Speaking Engagement

Dan E. Martin, NMSS, will speak on the subject of licensing procedures and requirements for uranium milling operations at a conference on "Uranium Mining and Radiation Safety" being held at Michigan Technological University, September 19, 1980.

Pat Vacca, NMSS, will speak on "NRC Licensing" at the National Naval Medical Center's Nuclear Medicine Imaging and Radioisotopes Techniques Course in Bethesda, Maryland, on 10/17/80.

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending September 19, 1980

1. The following Notifications of Significant Enforcement Action were dispatched during the past week:
 - a. EN-80-40 Consumers Power Company (Palisades) - A Notice of Violation and a Notice of Proposed Imposition of Civil Penalties in the amount of \$16,000 were issued to the subject licensee on September 16, 1980. This action was based on two recent events at the Palisades facility involving mispositioned valves during plant operation.
 - b. EN-80-41 Atomic Disposal Company, Inc., Tinley Park, IL - A Notice of Violation and a Notice of Proposed Imposition of Civil Penalties in the amount of \$2,000 were issued to the subject licensee. This action is based on three alleged items of noncompliance relating to the shipment of radioactive waste to the Nuclear Engineering Company burial site in Richland, Washington.
 - c. EN-80-42 Charles Zimmerman, M.D., Paterson, NJ - A notice of Violation and a Notice of Proposed Imposition of Civil Penalties in the amount of \$1,250 were issued to the subject licensee on September 19, 1980. This action is based on two alleged items of noncompliance relating to the loss of an iodine-131 capsule which was in an unrestricted area and not secured against unauthorized removal nor under constant surveillance and immediate control, and the storage and use of material in an unauthorized location.

2. Preliminary Notifications relating to the following actions were dispatched during the past week:
 - a. PNO-I-80-129 Maine Yankee - Shutdown to Replace a Reactor Coolant Pump Seal Package
 - b. PNO-I-80-130 & -130A Oyster Creek - Rumored Dumping of Radioactive Waste at Offsite Landfill
 - c. PNO-I-80-131 Three Mile Island Units 1 & 2 - Radio Station Re-Broadcast of News Report of TMI Accident of March 28, 1979
 - d. PNO-III-80-175 Palisades - Strike of Operating Employees at Nuclear Power Plant
 - e. PNO-III-80-176 Dresden Units 1, 2, & 3 - Licensee News Release Concerning INPO's Inspection at Dresden
 - f. PNO-III-80-177 Luminous Processes, Inc., Ottawa, IL - Illinois Attorney General's Office Obtains Temporary Restraining Order
 - g. PNO-IV-80-28A Arkansas Nuclear One, Unit 2 - Failure of Service Water to Containment Cooling Coils to Meet Minimum Flow Rate Required by Technical Specifications (Supplemental Information)

ENCLOSURE E

- h. PNO-V-80-69 San Onofre Unit 1 - Transient Worker Exposure
 - i. PNO-V-80-70 San Onofre Units 2 & 3 - Fatality at San Onofre Units 2 & 3
 - j. PNO-TMI-80-45 Three Mile Island Units 1 & 2 and Oyster Creek - Major Organization Change
 - k. PNS-80-03 Edlow International Co. - Report of Abandoned Truck Carrying Nuclear Material
 - l. PNS-I-80-21 Salem Unit 1 - Potential Act of Industrial Sabotage
 - m. PNS-III-80-19 Palisades - Bomb Threat
3. The following IE Information Notice was issued:
- a. IE Information Notice 80-33, "Determination of Teletherapy Timer Accuracy," was issued on September 15, 1980 to all NRC teletherapy licensees.

FAX 70
TOM REHM
MINBB 6209
X-27781

OFFICE OF NUCLEAR REGULATORY RESEARCH

Important Items for Week Ending September 19, 1980

Signing of Three Research Agreements

The following research agreements between NRC and the French CEA, and between NRC and the Federal Republic of Germany, Bundesministerium Fuer Forschung und Technologie (BMFT) have been signed by the Acting Executive Director for Operations:

1. A 5-year NRC-CEA arrangement for technical exchange and cooperation in the field of light water reactor safety research (signed on Sept. 12, 1980);
2. A 3-year NRC-CEA agreement for research participation and technical exchange in the LOFT program (signed on Sept. 12, 1980);
3. A 3-year renewal of the NRC-BMFT agreement for research participation and technical exchange in the LOFT program (letters signed Sept. 11, 1980).

The French and German LOFT agreements each provide for annual financial contributions to NRC of \$1 million.

ENCLOSURE F

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING SEPTEMBER 19, 1980

Arrangement Activity

The EDO on September 12 signed the NRC-Japan Nuclear Safety Bureau - Agency For Natural Resources and Energy information exchange renewal Arrangement for the U.S. The package was sent to Japan this week for counter-signature by the two Japanese parties. (Action had been delayed while NRC awaited receipt of the Japanese-language signature texts.)

IP Deputy Director J. D. Lafleur has stopped in Bucharest, Romania, while en route to the IAEA General Conference to discuss the current status of the Romanian nuclear energy program and possible cooperation in nuclear safety matters. This follows up a spring 1979 invitation from the Head of the Romanian State Inspectorate for Nuclear Activities Control (who had just visited NRC) for Messrs. Gossick, Shea, and Lafleur to plan such a visit whenever possible. State concurred in scheduling it at this time.

Contact With Embassy Representatives

Fifteen local science attaches and counselors representing 13 countries and international organizations attended the NRC representational function scheduled for them on September 15, as did seven foreign nationals currently serving in long-term assignments to the NRC staff. Commissioner Hendrie offered brief remarks for NRC; Dr. Louis Groven of the Belgian Embassy, for the Washington scientific community.

Meeting Scheduled with Budget Review Subgroup of the NSC - Ad Hoc Group on Non-Proliferation

At the request of L. Nosenzo, Department of State, NRC staff (IP and NMSS) will meet with him and other members of an interagency group which is performing its annual review of the resource requirements and budgets of agencies having activities which support U.S. non-proliferation policy. The meeting, which is scheduled for October 8, will follow the format of similar meetings the last three years. Subjects of special interest this year are implementation of the US-IAEA Safeguards Agreement and NRC international nuclear safety assistance activities.

Foreign Visitors to NRC

On Monday, Dr. Chang Saeng Rim, Member of the Korean Advisory Committee on Reactor Safeguards, and Mr. Shiyohl Park, Science Attache of the Korean Embassy, met with J. Olshinsky of the Division of Licensing of NRR to discuss the implementation of Task Action Plan and utility compliance.

On Monday and Tuesday a ten-member delegation from the Federal Republic of Germany, composed of representatives of the Federal Ministry of Interior (BMI-NRC's regulatory contact), the Reactor Safety Commission (RSK- the German equivalent of the ACRS), and the licensing authority of the German state of Rheinland-Pfalz, met with B. Sheron, W. Jensen, and R. Wilson of NRR, L. S. Tong, A. Spano, and M. Cunningham of RES, H. Faulkner of IP, and R. Fraley of ACRS, to discuss design variations between the Babcock Brown-Boveri reactor (BBR) under construction at Muelheim-Kaerlich and B&W reactors in the U.S. On Tuesday, the delegation met with (1) W. Travers and R. Weller of NRR to discuss TMI recovery operations, (2) R. Blond of RES, R. Grill of SD, and L. Soffer of NRR to discuss siting criteria and (3) R. Blond, M. Cunningham, and M. Taylor of RES, J. Meyer and S. Israel of NRR to discuss risk analysis and class-9 accidents. R. W. Borsum of B&W attended the two-day session as an observer. On Wednesday, the delegation toured the TVA's Bellefonte construction site. The delegation also met with B&W officials on Thursday and with the ACRS on Friday and Saturday morning.

On Thursday, Mr. Toshitsuka Aihara, Chairman of the Hokkaido Council of Government Employees Unions met with S. Gagner of PA and B. Senseney of IP for a discussion of NRC's licensing and inspection function and public participation in the licensing process.

On Thursday, a four-member delegation of the International Energy Agency, headed by Mr. David Jones, Deputy Secretary of the U.K. Department of Energy, met with R. Purple, Deputy Director of the Division of Licensing and B. Senseney of IP to discuss post-TMI reactor licensing and a regulatory perspective of the U.S. nuclear program.

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING SEPTEMBER 19, 1980

Bill Menczer, RSLO III met with officials of the Illinois State Police and the Division of Radiation Health at O'Hare International Airport on September 17, 1980 to observe the State's transportation surveillance program. Illinois, under contract with the NRC and DOT conducts surveys of the transportation of radioactive material. During the week of September 14-20 the State is conducting a 100% survey of all radioactive materials in transit through the cargo entrance of O'Hare Airport.

Bob Trojanowski, Region II RSLO, met on September 16 with North Carolina Public Service Commission officials and on September 17 with North Carolina Radiation Protection officials. On September 18 and 19, he participated in a meeting of the Regional Advisory Committee for FEMA Region IV. The status of the State's emergency planning effort was discussed and a six month calendar developed.

On Wednesday, September 17, Dean Kunihiro, Region V RSLO, and Andy Robart joined Dan Muller, Bill Regan and Jan Morris of NRR along with Dick Black, ELD, in a meeting in Olympia, Washington with the Energy Facility Siting Council to discuss cooperative efforts in the re-siting of the Skagit plant. Areas of possible cooperation identified include some form of collaboration on a joint environmental impact statement and joint hearings.

Wayne Kerr will meet with Dr. Axelrod, New York State Health Commissioner and other New York officials regarding the status of the Department of Health's radiation control program for agreement materials on September 23, 1980.

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

WEEK ENDING SEPTEMBER 19, 1980

Response to GAO

Prepared Commission paper and draft response for Chairman to Congress on GAO report, "Do Nuclear Regulatory Commission Plans Adequately Address Regulatory Deficiencies Highlighted By The Three Mile Island Accident?"

Differing Professional Opinions

Sent to EDO for signature the manual chapter to implement the new policy. Copies of chapter will be sent to every NRC employee.

Abnormal Occurrence Report

First quarter CY-80 report to Commission to be forwarded to Congress.

Unresolved Safety Issues (Aqua Book)

Released for distribution NUREG-0606, "Unresolved Safety Issues", dated September 8, 1980

TMI Action Plan

In preparation for testimony before the Nuclear Safety Oversight Committee, briefed EDO on new system to keep track of progress on TMI action plan.

ENCLOSURE J

SCHEDULED SPEAKING ENGAGEMENTS

Date	Organization	Location	Subject	Speaker
9/22/80	League of Women Voters	Calvert County, MD	Nuclear Energy in Calvert County	R. Architzel, RI
9/23/80	League of Women Voters	Calvert County, MD	Nuclear Energy Nationally	J. B. Durst, HQ
9/24/80	American Society of Nondestructive Testing, Northern New England	Flagstone Restaurant Newington, NH	NRC Resident Inspection Program	A. Cerne, RI
9/30/80	ASQC	Houston, Texas	NRC Reorganization and New Requirements	Karl Seyfrit, Dir. RI
10/3/80	American Association of Physicists in Medicine	Oklahoma City, OK	Nuclear Medicine, Radiation Therapy Regs., NRC Policy & Alara	Jim Montgomery, RIV
10/5/80	Missouri Valley Nuclear Med. Soc.	St. Louis, MO	NRC Inspection of Nuclear Medicine Programs	J. Paperiello, RI
10/6/80	School of Nuclear Medicine, J. F. Kennedy Medical Center	Edison, NJ	Requirements for NRC Inspection Process	L. Friedman, RI
10/7/80	U. of Illinois Medical Center	Chicago, IL	Waste Handling and Disposal	J. Pagliaro, RII
10/9/80	Society of American Military	Atlanta, GA	Overview of NRC	K. Clark, RII
10/15/80	American Society for Nondestructive Testing	Roseland, NJ	Industrial Radiography - An NRC Perspective	F. Costello, RI
10/24/80	Regional Emergency Medical Services Program, Inc.	Sheraton Inn, Canandaigua, NY	Transportation Emergencies Involving Radioactive Materials	M. Slobodien, RI
10/24/80	Nuclear Energy Symposium Texas Wesleyan College	Ft. Worth, TX	National and International Nuclear Energy Regulation	K. Seyfrit, Dir. RIV

SCHEDULED SPEAKING ENGAGEMENTS CONT'

Date	Organization	Location	Subject	Speaker
10/25/80	Nuclear Medicine Technologists, New England Soc. of Nuclear Medicine & Waterbury Hospital Health Center	Waterbury, CT	Inspection Process at Medical Institutions	J. Glenn & J. McGinness
10/27/80	Power Engineer Society - Atlanta Chapter, IEEE	Atlanta, GA	Three Mile Island	R. Martin, RII
10/31/80	16th Annual State Radiation Control Program Directors Meeting	Cherry Hill, NJ	TLD Radiation Surveys Around Nuclear Power Reactors	M. Slobodien, R
2/19/81	Michigan Section of The American Nuclear Society	Detroit, MI	Goals and Objectives of NRC's Inspection and Enforcement Program in 1981	J. G. Keppler, Dir., RII
7/17/81	Energy Education Workshop for High School Students at Manhattan College	Riverdale, NY	NRC - What It Is and What It Does	K. Abraham, RI

SCHEDULED SPEAKING ENGAGEMENTS

Date	Organization	Location	Subject	Speaker
9/24/80	EPA Environmental Monitoring Lab.			Jesse Crews, RV
10/9/80	Health Physics Society	Calif. State Health Dept. Aud., Berkeley, Calif.	Communicating with the Public about Nuclear Power	J. G. Hanchett

ENCLOSURE N