

January 29, 1986

For: The Commissioners
From: T. A. Rehm, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING JANUARY 24, 1986

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

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*No input this week.

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 PDR COMMS NRCC
 WEEKLY INFOREPT PDR



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

Contact:
 T. A. Rehm, EDO
 492-7781

HIGHLIGHTS OF WEEKLY INFORMATION REPORT

WEEK ENDING JANUARY 24, 1986

Three Mile Island, Unit 1 (TMI-1)

GPUN decided not to shut down TMI-1 last Friday, January 17, 1986, to correct a defective bellows in their extraction steam system. The most notable effect of their problem is a loss of about 20 MWe. The plant would have to be shut down about a week to replace the bellows in question. General Electric notified the licensee that extended operation in this condition may cause adverse loading problems on the turbine.

After data indicated a positive pressure existed across each turbine rotor, GPUN elected not to shut down this last weekend. The licensee intends to closely monitor turbine performance and maintain power operation until a scheduled outage in late March 1986. However, if the data indicates a more serious problem is developing, the licensee will shut down. Such operation is not without precedent. Peach Bottom had operated, apparently for an extended period, with a similar bellow ruptured with no adverse effect on turbine performance.

Crystal River Unit 3 Reactor Coolant Pump Shaft Separation

The Daily Highlight dated January 3, 1986 discussed a reactor trip because of a flux-flow mismatch resulting from a problem with the RCP. Preliminary external testing and examination, damage to the pump and motor, and other events at the plant, delayed disassembly of the pump (manufactured by Byron Jackson). This has now been accomplished to the extent that it is known that the shaft failed completely near the top of the pump hydrostatic bearing. Difficulties due to apparent damage still remain in removing the impeller from the pump casing and the motor shaft from the motor. The nature of the failure and its probable cause is not yet known.

Arkansas Nuclear One, Unit No. 1 (ANO-1)

On Monday, January 13, 1986, while load testing the "A" Diesel Generator, the diesel generator failed on high crank case pressure. A preliminary inspection found babbitt filings in the oil reservoir. Also, the licensee has found excessive clearance in the wrist pins on the connecting rods to the pistons. The licensee will shut down the plant by the end of the day of January 15, 1986, to make repairs and possibly to inspect "B" Diesel Generator. The licensee will also replace the seal of "C" Reactor Coolant Pump which has shown indications of leaking in the third stage. If no other problems are found, the licensee should be able to restart within seven to eight days.

Action of Southeast Compact on Low-Level Radioactive Waste

In a meeting on January 17, the Southeast Low-Level Radioactive Waste Compact Commission established March 1, 1986 as the date when it will impose a ban on all export of low-level radioactive waste from the region. This ban is authorized under the Low-Level Radioactive Waste Policy Amendment Act of 1985 (PL 99-240).

JAN 24 1986

OFFICE OF ADMINISTRATION

Week Ending January 24, 1985

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Carryovers, 1985	181	15
Received, 1986	47	4
Granted	45	1
Denied	9	0
Pending	174	18

ACTIONS THIS WEEK

Received

Billie P. Garde,
Government
Accountability
Project
(86-35)

Requests all records related to NRC Announcement No. 110,
"Proper Use and Control of Telephone Services."

Billie P. Garde,
Government
Accountability
Project
(86-36)

Requests all records related to Inspection Report 50-
445/85-13 and 50-446/85-09 on the Comanche Peak nuclear
power plant.

Billie P. Garde,
Government
Accountability
Project
(86-37)

Requests copies of all records regarding IE Information
Notice 85-101 "Applicability of 10 CFR 21 to Consulting
Firms Providing Training," specifically all information
concerning the vendor inspection of "a company that
supplies consulting services, including training, to the
nuclear industry."

Billie P. Garde,
Government
Accountability
(86-38)

Requests all records related to the Quality Assurance
Branch visit of TERA offices in Bethesda, Maryland, on
October 28 through November 1, 1985.

Cindee Virostek,
Kiski Valley
Coalition
(86-39)

Requests copies of NUREG-0627, Executive Summary, Main
Report and Appendix B.

CONTACT: Donnie H. Grimsley
492-7211

ENCLOSURE A

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Received, Cont'd

Billie P. Garde,
Government
Accountability
Project
(86-40)

Requests all records related to SECY-85-404,
"Unauthorized Disclosures of Sensitive Information -
Availability of Administrative Sanctions Against NRC
Employees and Special Government Employees."

Melody Johnson
(86-41)

Requests a copy of Form 742, Material Status Reports for
the period June 1974 through February 1975 from the
Kerr-McGee Cimarron facility in Crescent, Oklahoma.

Laurie Fowler,
Law Offices of
Brian Spears
(86-42)

Requests all records related to NRC's investigation
initiated in May 1983 regarding allegations that Pullman
Power Products employees intimidated and harassed
quality control inspectors at nuclear facilities.

Laurie Fowler,
Law Offices of
Brian Spears
(86-43)

Requests all records related to NRC's investigations into
allegations in January 1985 of illegal and improper
procedures and practices at the Vogtle nuclear power
plant.

Kathryn H. Urban,
Medi+Physics
(86-44)

Requests a list of licensees for Iodine 125 and
Gadolinium 153 sealed sources.

Myron L. Scott,
Coalition for
Responsible Energy
Education
(86-45)

Requests records related to ACRS meetings and other
discussions regarding difficulties pertaining to the
Combustion Engineering auxiliary pressurizer spray
system at Palo Verde and other plants using the same
system.

Myron L. Scott,
Coalition for
Responsible Energy
Education
(86-46)

Requests all records related to allegations reported to
NRC in October 1985 concerning pressure by superiors on
employees to speed up or improperly complete work
activities at the Palo Verde nuclear power plant.

T.J. Vukovich,
C.R. Steinhardt,
Wisconsin Public
Service Corp.
(86-47)

Requests a copy of draft NUREG-4380.

Laurie Fowler,
Law Offices of
Brian Spears
(86-A-4-85-766)

APPEAL TO THE COMMISSION AND THE EDO for lack of response
to a request for all records regarding NRC's internal
investigation by OIA or others of Region II investigator,
Bruno Uryc.

Granted

Steven Aftergood,
Committee to
Bridge the Gap
(85-745)

In response to a request for copies of all papers
delivered at the International Meeting on Reduced
Enrichment for Research and Test Reactors held
October 14-16, 1985, in Petten, The Netherlands, made
available 33 records.

ENCLOSURE A

JAN 2 1986

<p>Garth L. Wilson, The Argee Corp. (85-843)</p>	<p>In response to a request for access to certain NRC records concerning the Vitro UMTRA Project, made available six records. Informed the requester that 90 records subject to this request are already available at the PDR.</p>
<p>Teresa S. Barnhart, NTEU Steward (85-846)</p>	<p>In response to a request for specified records regarding Vacancy Announcement No. 86-0336-5, made available five records.</p>
<p>(NRC employee) (86-847)</p>	<p>In response to a request for copies of all records that are maintained in her security investigation file, made available 38 records.</p>
<p>Michael O'Mealia, Doc-Search Associates (86-2)</p>	<p>In response to a request for all correspondence concerning EAD Metallurgical, Inc., from August 7, 1985, to the present, informed the requester that the NRC has no records subject to this request.</p>
<p>Lynn Connor, Doc-Search Associates (86-10)</p>	<p>In response to a request for a copy of the nonproprietary version of the April 19, 1985, submittal by Westinghouse on the 1000 MWe NSSS design, informed the requester that there is no nonproprietary version of this record.</p>
<p>Michael O'Mealia, Doc-Search Associates (86-16)</p>	<p>In response to a request for copies of the transcripts or summaries of the NRC/Framatome meeting in October 1985 and any other meetings, made available two records.</p>
<p>Ophelia G. Williams, J/R/A Associates (86-23)</p>	<p>In response to a request for any correspondence from W. Dircks responding to INPO's October 16, 1985, letter regarding INPO's involvement in utility training and maintenance programs, made available two records.</p>
<p>William J. Manning (86-29)</p>	<p>In response to a request for a copy of the July 11, 1980, memorandum to Richard Vollmer from Robert Jackson entitled, "Diablo Canyon Hearing Reopening and San Onofre Review Status," made available a copy of the requested record.</p>
<p>(An individual requesting information) (86-34)</p>	<p>In response to a request for records in the NRC on himself or listed organizations, informed the requester that the NRC has no records subject to this request.</p>
<p>Cindee Virostek, Kiski Valley Coalition (86-39)</p>	<p>In response to a request for a copy of NUREG-0627, Executive Summary, Main Report and Appendix B, informed the requester that these records are already available at the PDR.</p>

Denied

<p>Billie P. Garde, Government Accountability Project (85-794)</p>	<p>In response to a request for all records developed by the License Fee Management Staff of the Office of Administration concerning the cost of the operating license review for the Comanche Peak nuclear power plant from June 24, 1984, made available 15 records. Denied portions of two records, disclosure of which would constitute a clearly unwarranted invasion of personal privacy.</p>
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Denied, Cont'd

Lynn Connor,
Doc-Search
Associates
(86-8)

In response to a request for a copy of WCAP-10858,
denied this record in its entirety containing
confidential business (proprietary) information.

ENCLOSURE A

JAN 2 1986

WEEKLY INFORMATION REPORT
DIVISION OF CONTRACTS
WEEK ENDING JANUARY 24, 1986

IFB ISSUED

IFB No.: RS-ADM-86-256

Title: "Archival Storage"

Description: The contractor shall provide an environmentally controlled and protected storage area for archival material.

Period of Performance: Two years with an option to extend one additional year.

Sponsor: TIDC/Office of Administration

Status: Closing date has been extended to January 24, 1986.

PROPOSALS UNDER EVALUATION

RFP No.: OIE-86-170

Title: "Assistance for Emergency Response"

Description: Provide technical, logistical and administrative assistance for the maintenance and functioning of the NRC Headquarters Operations Center.

Period of Performance: 12 months

Sponsor: Office of Inspection & Enforcement

Status: Best and Final offers received on January 14, 1986 and forwarded to Source Evaluators for review on January 14, 1986.

RFP No.: RS-OIE-85-158

Title: "Technical Assistance in Developing and Implementing Programs and Procedures for Inspection of Operating Reactors During Major Outages"

Description: The objective of this project is to provide technical assistance to the NRC for activities pertaining to planned outages of operating reactors. This includes the development of standardized inspection procedures as well as providing assistance to the regional offices for conducting inspections.

Period of Performance: Three years

Sponsor: Office of Inspection & Enforcement

Status: Final Evaluation Report received on January 16, 1986.

CONTRACT AWARDED

RFP No.: RS-ADM-86-253

Title: "Reorganization of Materials Stored at a Commercial Environmental Facility"

Description: Contractor shall provide services to inventory, index, interfile and reorganize NRC archival data and records stored in a commercial environmental facility.

Period of Performance: Six months (January 15, 1986 - July 14, 1986)

Sponsor: TIDC/Office of Administration

Status: Cost-Plus-Fixed-Fee contract (NRC-10-86-253) awarded to SBA/TIPCO, Inc., in the amount of \$82,902 effective January 15, 1986. This firm has been certified by the Small Business Administration as a socially and economically disadvantaged firm eligible for noncompetitive awards under that agency's 8(a) program.

ENCLOSURE A

JAN 2 1986

OFFICE OF NUCLEAR REACTOR REGULATION

ITEMS OF INTEREST

Week Ending January 24, 1986

Arkansas Nuclear One, Unit No. 1 (ANO-1)

On Monday, January 13, 1986, while load testing the "A" Diesel Generator, the diesel generator failed on high crank case pressure. A preliminary inspection found babbitt filings in the oil reservoir. Also, the licensee has found excessive clearance in the wrist pins on the connecting rods to the pistons. The licensee will shut down the plant by the end of the day of January 15, 1986, to make repairs and possibly to inspect "B" Diesel Generator. The licensee will also replace the seal of "C" Reactor Coolant Pump which has shown indications of leaking in the third stage. If no other problems are found, the licensee should be able to restart within seven to eight days.

River Bend Station

At 3:30 a.m. on 1/15/86 CST, River Bend Station, Unit 1 scrambled on a reactor high water level trip. At the time, River Bend Station was operating at 17% of rated power, in the process of switching from the startup feedwater system to the normal feedwater system.

This high water level scram incident was caused by a feedwater control valve that was stuck in an open position. At the time, the licensee was attempting to use a feedwater line which had not previously been used in service.

As part of the switch over to the main feedwater system, the operator set the demand for feedwater to zero, which presumably would have closed the control valve. (There is no indication of feedwater valve position in the control room). The operator then opened a block valve in preparation to admit water through the presumably closed feedwater valve. Since the feedwater valve was stuck open, the full flow of main feedwater entered the reactor vessel. Apparently the reactor water level rose rapidly, precluding manual control of water level by the operators. Region IV is following up on this event.

NRR has informed the licensee that an NRC team will arrive on site beginning January 29 for a closer look at this and other recent events at River Bend. The team will be headed by the NRC Project Manager (Steve Stern) and will consist of NRR, IE, and Region IV staff.

ENCLOSURE B

JAN 24 1986

Arkansas Nuclear One, Unit No. 1 (ANO-1)

The scenario involves a postulated break in the steam line from the "A" OTSG to the turbine driven EFW pump supply header concurrent with the loss of power from the red bus which supplies power to, among other equipment, the motor driven EFW pump and the isolation valve in the "A" OTSG supply line to the turbine driven EFW pump. Since the turbine driven EFW pump supply header is connected to both OTSGs would blow down through the break rendering the turbine driven EFW pump inoperable and thus rendering the whole EFW system inoperable.

Waterford 3

On January 15, 1986, Louisiana Power & Light Company announced that R. S. (Mike) Leddick, Senior Vice President for Nuclear Operations, will be resigning in the near future and returning to his home in Minneapolis. Leddick, who provided senior-level nuclear management experience during the final construction and licensing of Waterford 3, will be assuming a management position with the city of Minneapolis to oversee construction of a large convention center. LP&L hopes to select a successor to Leddick prior to his leaving.

Oyster Creek Nuclear Generating Station

On November 30, 1985, the staff issued its Safety Evaluation on the emergency technical specification change to delete the daily channel check for the low-low and low reactor water level instrumentation. This change was effective to the restart from the Cycle 11 Refueling outage which begins in April 1986. Before the commencement of the outage, the licensee was requested to provide a justification of the existing instrumentation channels addressing the staff's concerns about the checks for operability of these channels commensurate to its safety function or to install in the outage appropriate means for a channel check.

A meeting will be held with the licensee on January 23, 1986, Thursday, in P-1123E of the Phillips Building to discuss the licensee's response to the staff's Safety Evaluation. Reviewers from EICSB and RSB of DBL will be attending in addition to the contributors to the staff's Safety Evaluation.

JAN 24 1986

ENCLOSURE B

Three Mile Island, Unit 1 (TMI-1)

GPUN decided not to shut down TMI-1 last Friday, January 17, 1986, to correct a defective bellows in their extraction steam system. The most notable effect of their problem is a loss of about 20 MWe. The plant would have to be shut down about a week to replace the bellows in question. General Electric notified the licensee that extended operation in this condition may cause adverse loading problems on the turbine.

After data indicated a positive pressure existed across each turbine rotor, GPUN elected not to shut down this last weekend. The licensee intends to closely monitor turbine performance and maintain power operation until a schedule outage in late March 1986. However, if the data indicates a more serious problem is developing, the licensee will shut down. Such operation is not without precedent. Peach Bottom had operated, apparently for an extended period, with a similar bellow ruptured with no adverse effect on turbine performance.

Nine Mile Point 2

In a telephone call on Tuesday, January 21, 1986, Mr. Anthony Zallnick, Niagara Mohawk Power Corporation (MNPC), Licensing Manager for Nine Mile Point 2, stated that MNPC is revising their estimated construction completion date (and readiness for fuel load date) from the presently scheduled date of February 24, 1986. The revised schedule will state that Nine Mile Point 2 will be ready for fuel load "within 10 weeks" of the February 24, 1986, date.

The NRC Project Manager requested, and it is expected, that MNPC will be submitting this revised schedule date formally, although no schedule for formal submittal was available. Mr. Zallnick also indicated that he believed a press release on the new date is being prepared.

Limerick

On January 16, 1986, the Appeal Board affirmed a Licensing Board decision, which denied a request by intervenors Robert L. Anthony and Friends of the Earth to reopen the hearing record in the Limerick operating license proceeding. The intervenors had filed on April 30, 1985, a petition concerning: (1) the use of plant site boundaries in determining public exposure to routine releases; (2) the estimation of public exposure considering the fish ingestion pathway; and (3) degradation of protection of the public due to revisions in the Offsite Dose Calculation Manual.

Limerick, Unit 1 is currently operating at 96.4% of rated power and is in the latter stages of its start-up test program.

ENCLOSURE B

JAN 24 1986

Crystal River Unit 3 Reactor Coolant Pump Shaft Separation

The Daily Highlight dated January 3, 1986 discussed a reactor trip because of a flux-flow mismatch resulting from a problem with the RCP. Preliminary external testing and examination, damage to the pump and motor, and other events at the plant, delayed disassembly of the pump (manufactured by Byron Jackson). This has now been accomplished to the extent that it is known that the shaft failed completely near the top of the pump hydrostatic bearing. Difficulties due to apparent damage still remain in removing the impeller from the pump casing and the motor shaft from the motor. The nature of the failure and its probable cause is not yet known.

ENCLOSURE B

JAN 24 1986

NRC TMI-2 CLEANUP PROJECT DIRECTORATE WEEKLY STATUS REPORT
WEEK ENDING JANUARY 24, 1986

1. DEFUELING

- Defueling during the week consisted of pick-and-place loading of fuel canisters. By January 23, 1986, all five fuel canisters in the Canister Positioning System were filled. Since last week, the number of single end-fittings that can be easily loaded into fuel canisters has been depleted. There was some success in separating fused end-fittings with a slide-hammer tool. On January 25, 1986, four of the five filled canisters were transferred from the Reactor Building to the storage racks in the Spent Fuel Pool (SFP). One of those four canisters had not been dewatered prior to the transfer and the total net weight of fuel debris transferred is not yet available. On January 26, 1986, two empty fuel canisters and an end fitting temporary storage container (EFTSC) were loaded into the Canister Positioning System in the reactor vessel. The function of the EFTSC is to provide storage for the fused end-fittings which cannot be easily loaded into the fuel canisters. Loading of the EFTSC is procedurally limited to end-fittings or other structural material with minimal amounts of attached fuel pins. The staff has reviewed the safety evaluation, as well as the procedure for loading the EFTSC to ensure the safety of temporary storage of the loaded EFTSC in the storage racks in the SFP.
- On January 23, 1986, a filter canister from the Defueling Water Cleanup System (DWCS) was transferred from the Fuel Transfer Canal to the canister storage racks in the "A" Spent Fuel Pool. This canister has experienced plugging problems after only a short operating time in the DWCS. The licensee will attempt to clean this filter with boric acid solution. A boroscopic examination of another fouled filter canister revealed extensive plugging by an algae growth. This is being studied by the licensee with assistance by Oak Ridge National Laboratory.
- On January 20, 1986, a fuel assembly at the core periphery (assembly P-4) was toppled with a hook tool. The broken-off portion of the assembly weighs about 800 pounds underwater and is about 8 feet in length. A video inspection of this assembly was performed on January 21, 1986 and by January 23, 1986, the broken-off portion of the assembly had been sectioned with a shear tool and loaded into a fuel canister. The void remaining after removal of this assembly will be examined to collect information on the core conditions below the loose rubble.

2. PLANT STATUS

- The facility remains in long term cold shutdown with the Reactor Coolant System (RCS) vented to the reactor building atmosphere and the reactor vessel head and plenum assembly removed from the reactor vessel.
- The plenum is on its storage stand in the deep end of the fuel transfer canal. A dam has been installed between the deep and shallow ends of the fuel transfer canal. The deep end is filled with water to a depth of about 20 feet (about 5 feet above the top of the plenum).
- The modified internals indexing fixture is installed on the reactor vessel flange and is flooded to elevation 327 feet 6 inches (15½ feet above the top of the core region). The defueling platform is installed over the internals indexing fixture.
- Calculated reactor decay heat is less than 12 kilowatts.
- RCS cooling is by natural heat loss to the reactor building ambient atmosphere. Incore thermocouple readings range from 67°F to 95°F with an average of 82°F.
- The average reactor building temperature is 56°F. The reactor building airborne activity at the Westinghouse platform is 6.2 E-8 uCi/cc Tritium and 6.7 E-11 uCi/cc particulate, predominantly Cesium 137.
- Spent Fuel Pool "A" is flooded to a depth of 20 feet. About 6 feet of water is over the fuel canister storage racks.

3. WASTE MANAGEMENT

- The Submerged Demineralizer System (SDS) remained shutdown this week.
- EPICOR II completed processing of Batch 275, which consisted of about 46,000 gallons of water recycled through the system.
- Total volume processed through SDS to date is 3,598,397 gallons, and the total volume processed through EPICOR II is 2,822,963 gallons.

4. DOSE REDUCTION/DECONTAMINATION

- Decontamination activities are continuing on the 281' level of the auxiliary building. Kelly-vac cleaning of the decay heat vaults is in progress.
- A temporary ventilation system has been installed in the annulus area between the reactor building and fuel handling building. This was done in preparation for water spray decontamination of the 281' level of the annulus and will prevent spread of contamination during the evolution.
- Average general area radiation dose rate is 40 mrem per hour on the 347' level of the reactor building and is 67 mrem per hour on the 305' level of the reactor building.

5. ENVIRONMENTAL MONITORING

- US Environmental Protection Agency (EPA) sample analysis results show TMI site liquid effluents to be in accordance with regulatory limits, NRC requirements, and the City of Lancaster Agreement.
- TMI water samples taken by EPA at the plant discharge to the river consisted of seven daily composite samples taken from January 4 through January 11, 1986. A gamma scan detected no reactor related activity.
- The Lancaster water sample taken at the water works intake and analyzed by EPA consisted of a seven day composited sample taken from January 5 through January 11, 1986. A gamma scan detected no reactor related radioactivity.
- The NRC outdoor airborne particulate sampler at the TMI site collected a sample between January 15, and January 22, 1986. No reactor related radioactivity was detected. Analysis showed Iodine-131 and Cesium-137 concentrations to be less than the lower limits of detectability.

6. REACTOR BUILDING ACTIVITIES

- Initial vacuum defueling of the reactor core is in progress.

7. AUXILIARY AND FUEL HANDLING BUILDING ACTIVITIES

- Installation of the balance of DWCS continued.
- One auxiliary building sump pump has been removed as part of the preparations for sump desludging.
- Spent Fuel Pool "A" has been flooded to a depth of about 20 feet (about 6 feet above the top of the fuel canister storage racks).

8. NRC EVALUATIONS IN PROGRESS

- Technical Specification Change Request number 49.
- Recovery Operations Plan Change number 31.
- SDS Technical Evaluation and System Description Update.
- Core Stratification Sample Safety Evaluation.
- Defueling Water Cleanup System Technical Evaluation Report, Revision 7.
- Containment Air Control Envelope Technical Evaluation Report, Revision 5.
- Solid Waste Facility Technical Evaluation Report.
- Reactor Building Sump Criticality Safety Evaluation Report.

9. PUBLIC MEETINGS

The next meeting of the Advisory Panel is scheduled for February 12, 1986 at the Holiday Inn, 23 South Second Street, Harrisburg, PA from 7:00 PM to 10:00 PM.

Persons desiring the opportunity to speak before the panel are asked to contact Mr. Thomas Smithgall at 717-291-1042 or write to him at 2122 Marietta Avenue, Lancaster, Pennsylvania 17603.

ENCLOSURE B

JAN 24 1986

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending January 24, 1986

Near-Term NRC Actions Under the Nuclear Waste Policy Act (NWP)

Section: 113(b)(1)(B) of NWP: Waste Package/Form Description

Status: "Before proceeding to sink shafts at any candidate site, the Secretary shall submit . . . a description of the possible form or packaging for the" HLW or SNF. This will be issued along with the Site Characterization Plans [113(b)(1)(A)].

Action: DOE and NRC will conduct a joint Salt Waste Package Workshop on January 22-24, 1986 in Columbus, Ohio, to discuss DOE salt waste package design and its relationship to 10 CFR Part 60 requirements, and other waste package technical issues.

Section: 141(b) of NWP: Comments on MRS Proposal

Status: DOE submitted to the Commission the Monitored Retrievable Storage facility proposal on December 24, 1985. Staff comments were transmitted to the Commission for approval on January 7, 1986 (SECY-86-9).

Action: The Commission will be briefed by Mr. Ben Rusche, Director of OCRWM, concerning the MRS proposal on Thursday, January 23, 1986 at 2:00 p.m. NRC comments are to be submitted with the proposal to Congress in early February 1986.

Section: 141(d) of NWP: Licensing of MRS

Status: NRC has developed revisions to 10 CFR Part 72 to provide the licensing framework for the MRS, should it be authorized by Congress.

Action: The proposed rule on 10 CFR Part 72 was submitted to the Commission (SECY-85-374) on November 15, 1985, for approval, which is expected in late January 1986, after the Commission briefing by Ben Rusche on January 23, 1986.

JAN 24 1986

ENCLOSURE C

Section: 121(a) of NWPA: EPA final High Level Waste Standards

Status: EPA final HLW Standards became effective on November 18, 1985. A lawsuit has been filed by States and environmental groups challenging the EPA rulemaking (40 CFR Part 191, Paragraph 16).

Action: Staff is currently preparing revisions to 10 CFR Part 60 for conformance with EPA standards. The ACRS was briefed on this subject on January 15, 1986. The proposed revisions are scheduled to be submitted to the Commission on February 14, 1986.

Near-Term DOE Actions of Interest

Late January 1986 - DOE to issue Final Transportation Business Plan
Late January 1986 - DOE to issue draft Request for Proposals (RFP) for
the reactor fuel transportation cask
February 1986 - DOE submits MRS proposal to Congress

Arizona Public Service Company, Palo Verde Nuclear Generating Station,
Unit No. 3

On January 22, 1986, Arizona Public Service Company, on its own behalf and as agent for 5 other utilities, was issued Special Nuclear Material License number SNM-1956 for Palo Verde Nuclear Generating Station, Unit No. 3. This license authorizes the receipt, possession, inspection and storage of uranium enriched in the U-235 isotope contained in fuel assemblies, fission counters, and in excore and incore detectors, as well as the receipt, possession, and use of Pu-Be sources for eventual use at the Palo Verde Nuclear Generating Station, Unit No. 3.

Office of Inspection and Enforcement
Items of Interest
Week Ending January 24, 1986

1. The following Significant Enforcement Actions were taken during the past week:

None.
2. The following IE Preliminary Notifications were issued during the past week:
 - a. PNO-I-86-02, Vermont Yankee Nuclear Power Corporation (Vermont Yankee Nuclear Power Station), Probable Tampering With Fire Deluge System.
 - b. PNO-I-86-03, Pennsylvania Power and Light Company (Susquehanna Steam Electric Station Unit 2), Reactor Shutdown.
 - c. PNO-I-86-04, GPU Nuclear Corporation (Oyster Creek Nuclear Generating Station), Contamination of Workers With Short-Lived Rubidium-88 and Cesium-138.
 - d. PNO-I-86-05, Niagara Mohawk Power Corporation (Nine Mile Point Unit 1), Reactor Shutdown Due to Potential Degradation of Primary Containment Integrity.
 - e. PNO-II-86-07, Tennessee Valley Authority (Sequoyah Units 1 & 2), Local Media Interest in Contamination on Outside of Building.
 - f. PNO-II-86-08, Duke Power Company (McGuire Unit 2), Unscheduled Shutdown Longer Than 48 Hours.
 - g. PNO-III-86-02, Northern States Power Company (Monticello Nuclear Plant), Bomb Threat.
 - h. PNO-III-86-04, Detroit Edison Company (Fermi 2 Nuclear Power Plant), Possible Problem With RHR Pump Motors.
 - i. PNO-III-86-05, Commonwealth Edison Company (LaSalle Unit 1), Cracks in Recirculation System Piping.
3. The following IE Information Notices and IE Bulletins were issued during the past week:

None.

ENCLOSURE D

JAN 24 1986

4. Other Items

a. Civil Penalties Paid

- (1) EA 85-129 issued December 12, 1985 to Quality Assurance Labs, Inc. (South Portland, ME), \$5,000.
- (2) EA 85-68 issued December 13, 1985 to Virginia Electric and Power Company (North Anna), \$20,000.
- (3) EA 85-128 issued December 18, 1985 to Southern California Edison (San Onofre), \$50,000.

b. Inspections

Representatives of the Vendor Programs Branch, Division of Quality Assurance, Vendor, and Technical Center Training Programs, conducted site inspection efforts this week at Bechtel Company (San Francisco, CA), Rockbestos Company (New Haven, CT), and Commonwealth Edison's Dresden Plant.

c. Accompanying Regional Inspections

A representative of Division of Emergency Preparedness and Engineering Response participated in a welding re-examination assessment at TVA's Sequoyah plant January 21-24, 1986.

d. Part 21 Notification

General Electric Company submitted a Part 21 notification on January 17 based on the July 13, 1985 failure of Grand Gulf 1's high pressure core spray diesel generator. This generator is manufactured by Northern Electric Industries Parson Peebles-Electric Products, Inc.

e. Kerr-McGee Followup

A representative of the Incident Response Branch, Division of Emergency Preparedness and Engineering Response met with EPA and OSHA on January 22 to discuss followup on the Kerr-McGee accident relating to nonradiological hazards.

f. NRC/FEMA Steering Committee

The Director, Division of Emergency Preparedness and Engineering Response and staff from this Division attended the NRC/FEMA Steering Committee meeting on January 21.

g. Davis-Besse Visit

Representatives of the Engineering and Generic Communications Branch, Division of Emergency Preparedness and Engineering Response, and AEOD met with Davis-Besse staff on January 24 to discuss valve testing program data.

ENCLOSURE D

h. ANSI Meeting

A representative of the Engineering and Generic Communications Branch, Division of Emergency Preparedness and Engineering Response, attended the ANSI meeting on respiratory protection January 20-24.

i. Operations Center Visit

Sandia Labs representatives visited the Operations Center on January 21.

j. Relocation Tabletop Exercise

A representative of the Incident Response Branch, Division of Emergency Preparedness and Engineering Response attended the Relocation Tabletop Exercise meeting on January 22.

JAN 24 1986

ENCLOSURE D

OFFICE OF NUCLEAR REGULATORY RESEARCH

Items of Interest

Week Ending January 24, 1986

Semiscale

Test S-NH-3 was successfully completed on January 15, 1986. This is a simulated 0.5% cold leg break in which high pressure coolant injection is inoperative. During the test, system liquid inventory decreased until peak cladding temperature reached 1000°F. At that time the intact loop coolant pump was restarted with the result that the cladding temperature rapidly decreased to near saturation. At 600 psig accumulator flow was initiated but this coolant did not appear to reach the core. Core temperature rose throughout accumulator injection which was completed at about 220 psi. Thereafter the cladding temperature rose rapidly to 1250°F at which time secondary feed and steam was initiated. Shortly thereafter the low pressure injection set point was reached and the test was terminated. The results are tentative since the data have not been qualified. The data will be used to validate code capabilities for this accident scenario which represents an instrument line break.

RELAP5/MOD2 Code

The RELAP5/MOD2 Code is used to analyze thermal hydraulic phenomena in a reactor system when a system transient occurs in a plant. The Idaho National Engineering Laboratory (INEL) has published a draft report entitled "RELAP5/MOD2 Code Assessment at the Idaho National Engineering Laboratory" (NUREG/CR-4754). The report presents an overview of the assessment work at INEL. It will be published after the review is completed and available to NRR, NRC contractors, and International partners under the International Code Assessment Program and all other U.S. users.

ENCLOSURE E

JAN 24 1986

STAR -7 Experiment in ACRR.

The STAR-7 experiment has been successfully performed in the ACRR test reactor completing NRC participation in the joint program of fast-reactor safety experiments in ACRR. The Sandia Transient Axial Relocation (STAR) experiments with corollary analysis and model development have been a joint LMFBR safety research program among NRC, Kernforschungszentrum Karlsruhe (KfK) of the Federal Republic of Germany, and the Power Reactor and Nuclear Fuel Development Corporation (PNC) of Japan. Of the FY1985 funds for orderly completion of this program, the majority were furnished by the foreign program partners. The STAR experiments are unique in-pile separate-effects experiments on the upward relocation of clad and fuel material and on blockage formulation during the initiation phase of an LMFBR Loss-of-Flow (LOF) accident. This fuel relocation, along with molten fuel removal from the core during the later transition-phase of the accident, limits the energetics of possible fuel recriticalities during the accident and the resultant threat to the integrity of the reactor primary system and the containment. This was a major issue in the CRBR licensing review and is one of the most important generic LMFBR safety uncertainties.

In the STAR experiments, irradiated LMFBR fuel pins with simulated upper-blanket structure are melted by exposure to Loss-of-Flow (LOF) Power histories in ACRR in the presence of high velocity argon gas that simulates sodium vapor. High-speed cinematography records the detailed motion of the fuel and clad materials, and also measures surface temperatures by pyrometry. The STAR-7 experiment used 4 irradiated fuel pins and simulated upper-blanket structure. A specific LOF-accident power history was used in the STAR-7 experiment that tested the hypothesis that rapid vaporization of molten stainless steel clad entrained in molten fuel can produce rapid upward expulsion of the molten fuel from the core, so that the potential for recriticality is substantially reduced. A nearly explosive ejection of the molten fuel was observed in STAR-7 as predicted. This experiment has produced the only data to confirm the hypothesis of molten-fuel ejection by vaporization of entrained molten cladding, a result that is of significant importance in fast-reactor safety assessment and to our German and Japanese program partners.

RES-Rulemaking Activities

Emergency Preparedness for Fuel Cycle and Other Radioactive Materials Licensees (Parts 30, 40, 70)

In 1981 the NRC issued orders to certain fuel cycle and other radioactive material licensees requiring them to submit comprehensive onsite radiological emergency plans. Subsequently, rulemaking was initiated to place a requirement for emergency plans in the regulations.

The current draft SECY paper is being revised slightly to characterize the intent of the rule regarding onsite and offsite responses to chemical and radiological threats from accidents involving licensed materials and to include a comparison of predicted consequences of a UF_6 release with the consequences from the Kerr McGee accident. The Director, Division of Inspection Programs, IE, has scheduled a meeting for January 22, 1986, with the Occupational Safety and Health Administration (OSHA), the Environmental Protection Agency (EPA) and NRC staff to discuss agency jurisdiction. The Commission paper will be revised, if necessary, to be consistent with agreements reached.

Risk Effectiveness of LWR Regulatory Requirements

In 1985 Policy and Planning Guidance on improving regulation of the nuclear industry the Commission directed the staff to review existing regulatory requirements to see if some could be eliminated without compromising safety. In response to this guidance, RES is continuing a 1985 program to select existing rules for reexamination based on a comprehensive evaluation of their risk significance. Rules that have marginal importance to safety or that have become obsolete by implementation of other approved staff practices will be recommended for elimination or modification.

In 1985 the contractor performed a survey to identify those regulatory areas that were thought to be least effective on the basis of risk/safety considerations. Also, the contractor studied the risk effectiveness of two regulations, one of these being the containment leakage rate requirements and testing and the other being new fuel design review requirements. The staff is preparing recommendations to the EDO regarding these existing requirements. In 1986 the contractor will prepare detailed work plans and begin work on four new tasks: (1) combustible gas control; (2) post accident sampling system; (3) impregnated charcoal filters; and (4) turbine missiles. The detailed work plans for each task are currently scheduled for NRC review by mid February 1986.

JAN 24 1986

ENCLOSURE E

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING JANUARY 24, 1986

International Meetings

The following international meeting notices supplement those previously announced:

January 27-31, 1986, Vienna, Austria - IAEA Working Group Meeting on "Coastal Modeling" for Joint Group of Experts on the Scientific Aspects of Marine Pollution

February 10-14, 1986, Vienna, Austria - IAEA Consultants' Meeting to Update the IAEA Incident Reporting System (IRS) Guidelines and Examine the Necessity of Developing New Guidelines

February 17-20, 1986, Barnwood, UK - IAEA Consultants' Meeting on Spent Fuel Management

March 3-7, 1986, Vienna, Austria - IAEA Advisory Group Meeting to Prepare a Document on the Application of the Principles for Limiting Releases of Radioactive Effluents in the Case of Mining and Milling Radioactive Ores

March 11-13, 1986, Vienna, Austria - IAEA Advisory Group Meeting on Spent Fuel Management

March 17-21, 1986, Toronto, Canada - IAEA Consultants' Meeting to Prepare a Technical Report on Handling and Treatment of Radioactive Waste from Unplanned Events at Nuclear Power Plants

March 25-27, 1986, Vienna, Austria - IAEA Standing Advisory Group on the Safe Transport of Radioactive Materials (SAGSTRAM)

April 21-25, 1986, Vienna, Austria - IAEA Technical Committee Meeting on the Factors Relevant to the Recycling and Reuse of Components Arising from the Decommissioning of Nuclear Installations

May 26-June 13, 1986, Canada - Interregional Training Course on Management and Disposal of Radioactive Wastes

June 23-27, 1986, Vienna, Austria - IAEA Consultants' Meeting to Review the Need for the Development of International Recommendations Regarding the Notification of National Authorities in Recipient Countries When Certain Categories of Radioactive Material are Exported

October 5-10, 1986, Budapest, Hungary - World Conference on Hazardous Waste

JAN 24 1986

ENCLOSURE G

International Organization Vacancy Notices

The following vacancy notices from the International Atomic Energy Agency located in Vienna, Austria have been posted on NPC bulletin boards:

- P-3 Experts Recruitment Officer, Experts Section, Department of Technical Cooperation
- P-1 Soil Scientist, Soil Science Unit, Seibersdorf Laboratory, Department of Research and Isotopes
- P-3 Personnel Management Analyst, Division of Personnel, Department of Administration
- P-5 Legal Officer, Legal Division, Department of Administration

Foreign Trip Report

P. N. Randall, MEBR/RES
November 1-9, 1985; Visited South Korea:

This trip was arranged through the Office of International Programs at the request of the Korean Advanced Energy Research Institute's Nuclear Safety Center (NSC). The purpose was to discuss how the NSC should regulate fracture control of nuclear reactor vessels that are sensitive to radiation damage. The report is Official Use Only.

JAN 24 1986

ENCLOSURE G

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING JANUARY 24, 1986

Action of Southeast Compact on Low-Level Radioactive Waste

In a meeting on January 17, the Southeast Low-Level Radioactive Waste Compact Commission established March 1, 1986 as the date when it will impose a ban on all export of low-level radioactive waste from the region. This ban is authorized under the Low-Level Radioactive Waste Policy Amendment Act of 1985 (PL 99-240).

State Program Reviews

The radiation control program of Louisiana will be reviewed during the week of February 3-7, 1986.

ENCLOSURE H

JAN 24 1986

OFFICE FOR ANALYSIS AND EVALUATION OF OPERATIONAL DATA

ITEMS OF INTEREST

WEEK ENDING JANUARY 24, 1986

1. San Onofre Nuclear Generating Station, Unit 1

The IIT investigation into the causes of the November 21, 1985 loss of power and water hammer event has been completed, and the Team's report (NUREG-1190) has been issued. The IIT briefed the Commission on January 22, 1986 concerning the findings and conclusions resulting from its activities. The most significant aspect of the event involved the failure of five safety-related check valves in the feedwater system. Their failures occurred in less than a year, without detection, and contributed to an incidence of a severe water hammer that challenged the integrity of safety systems. The Team identified a number of equipment, personnel and procedural deficiencies that contributed to the event.

The Team is scheduled to brief the ACRS Subcommittee on Westinghouse Water Reactors on February 12, 1986.

2. AEOD Engineering Evaluation Report E601 entitled "Deficient Operator Actions Following Dual Function Valve Failures," was issued. The study evaluated events involving dual function valve failures at Dresden 3, Brunswick 1 and 2 and Peach Bottom 3. The study found that light water reactors are generally equipped with a number of valves which perform both on emergency core cooling (or safety-related) function and a containment isolation function. However, operating experience shows that the proper and conservative operator action for a failure of one of these valves has not always been taken by the operating staff in a manner which is fully consistent with plant technical specifications. In each of the events reviewed, the operator's actions preserved one function of the valve but disabled the valve's alternate function. Furthermore, the operator's actions were taken without declaring the adversely affected function of the valve to be inoperable as required by the plant technical specifications. At Dresden 3, operability of an ECCS loop was preserved, but containment isolation capability was disabled. At Brunswick and Peach Bottom 3 containment integrity was maintained, but a safeguards train was disabled. The study also found that the affected valves were not included in the plant technical specification table of containment isolation valves.

The report contains some suggestions for action by IE and NRR.

ENCLOSURE J

JAN 24 1986

REGION III
STATUS REPORT

DAVIS-BESSE LOSS OF FEEDWATER EVENT
January 24, 1986

Plant Status

The plant remains in cold shutdown. On January 8, 1986, the safety features ++ actuation system was actuated due to an operator error during maintenance activities. The licensee is completing troubleshooting to determine the cause of anomalies in valve functions noted following the actuation. On January 21, 1986, the licensee made a Part 21 report on inadequate control of wire wrap terminations made in the steam and feedwater line rupture control system.

Restart Activities

A NRR maintenance survey inspection is planned for late February to followup on previous findings and to evaluate the licensee's actions concerning management practices as they relate to the maintenance area.

MOVATS testing, environmental qualification work and other maintenance ++ activities continue on the 167 safety-related motor operated valves onsite. The licensee has completed all work on thirty nine valves and returned them to service. The licensee is repairing and testing valve motor operators continuously with three overlapping ten-hour shifts.

The NRC test review team continues to provide weekly coverage of licensee ++ testing activities. System flushing and recirculation testing of the motor driven startup feedwater pump is scheduled to start today along with Emergency Diesel Generator (EDG-1) and Containment Air Cooler troubleshooting testing. EDG-2 modifications and testing have been completed. Testing of the component cooling water pump room ventilation system showed that the Hydromotor actuators did not properly function.

Other Activities

Inspections of safety system piping supports in the auxiliary building are ++ continuing. Evaluation of the nonconformances (NCR) found on supports in containment is in progress. Of the supports requiring disposition prior to restart, fourteen remain to be dispositioned.

The licensee is continuing to investigate the cause of the restricted flow of water from Lake Erie to the plant that occurred in December, 1985. The investigation is being hampered by lake ice conditions. The flow has returned to normal.

The licensee is continuing work on modifications required to make the control room emergency ventilation system operable.

ENCLOSURE L

JAN 24 1986

The licensee's inspection and review of items requiring environmental qualification continues to identify components that require repair, replacement, or further engineering evaluation. The licensee determined that the post-accident containment radiation monitoring instruments were not environmentally qualified. These instruments are required by the Technical Specifications. ++

Meetings

On February 5, 1986, the Babcock and Wilcox owners group will meet with the NRC in Washington to discuss their activities in response to the December event at Rancho Seco and the June event at Davis-Besse.

On February 6, 1986, the ACRS will meet with the NRC staff and Toledo Edison in Washington to discuss the safety evaluation report on and the status of activities being conducted in response to the June event.

JAN 24 1986

ENCLOSURE L

ITEMS ADDRESSED BY THE COMMISSION - WEEK ENDING JANUARY 24, 1986

- A. STAFF REQUIREMENTS - EEO PROGRAM PLAN - PROGRESS REPORT, 2:00 P.M., THURSDAY, DECEMBER 12, 1985, COMMISSIONERS' CONFERENCE ROOM, D.C. OFFICE (OPEN TO PUBLIC ATTENDANCE) AND COMJA-85-17 - Memo SECY to V. Stello dated 1/21/86

The Commission was briefed by staff and by representatives of EEO advisory committees on the NRC Equal Employment Opportunity (EEO) program.

The Commission, at the meeting and in response to COMJA-85-17, directs the staff to develop and/or implement the following:

- (1) The staff should present to the Commission a conceptual plan and an operational program to increase the hiring and promotion of women and minorities in the upper grades (13-18) and in the SES.
(ADM/SDBU/CR) (SECY SUSPENSE: 4/15/86)
- (2) The staff should include in the five year plan (possibly under the section "Manage and Support the Other Mission Areas"):
 - (a) A plan for dealing with the NRC's human resources which will include a projection of what the workforce will look like over the next five years. The plan should also include a provision for resolving anticipated overages by way of retraining or lateral transfers. The retraining plan should be fleshed out with an operational plan.
 - (b) The results of an evaluation by staff of the findings of the Age Discrimination Committee's proposed study of the recent reduction in force exercise (RIF). The Commission is in favor of the Age Discrimination Committee conducting this study. Upon its completion the staff is to develop "lessons learned" to be used in future RIF's. The staff should address the issue of how to avoid RIF's that are, or that appear to be, discriminatory against a particular EEO protected group - i.e. women, minorities, or more senior employees.
(ADM) (SECY SUSPENSE: 1/31/86 or an appropriate time to be included in the five year plan, an initial draft which is due 1/31)

ENCLOSURE 0

A. CONTINUED

3. The staff is directed to ensure that appraisal forms for all supervisory personnel, deputy to branch chief and above, include an EEO performance element. Additionally, the staff is to develop a set of criteria for judging EEO performance of managers that will provide a more sensitive evaluation process than a mere calculation of hires and promotions. The OSDBU/CR office should be intimately involved in the development of these criteria.
(ADM/OSDBU/CR) (SECY SUSPENSE: 6/86)
4. The staff is to look into the issue of the appearance of racial bias in the preparation of performance appraisals. The staff should be prepared to discuss their findings at the next EEO briefing.
(EDO) (SECY SUSPENSE: 6/86)
5. The staff is to provide a report on how the Executive Leadership Program offered by OPM functions and what assistance the agency provided to the NRC candidate to make her participation more useful to both her and to the agency. The staff is further to provide a report on the agency's plans for an in-house program which are mentioned at page 37 of the FY-1986 Consolidated EEO Program Plan.
(ADM/OSDBU/CR) (SECY SUSPENSE: 2/14/86)
6. The staff should provide a written status report on the items covered in Commission SRMs that address EEO one month before each semi-annual meeting.
(EDO) (SECY SUSPENSE: 5/3/86)

Chairman Palladino and Commissioner Asselstine request that the staff develop a question on agency EEO performance for inclusion in future exit interview forms.

(ADM/SDBU/CR) (SECY SUSPENSE: 1/31/86)

Chairman Palladino requests that the staff provide to the Commission the number of co-op students represented by percentages of women and minorities for FY-1984 and FY-1985.

(ADM) (SECY SUSPENSE: 1/31/86)

Commissioner Roberts requests that the staff provide data to the Commission on a comparison of the number of NRC EEO complaints to the number of EEO complaints in other federal agencies. Percentage data may be used for this comparison.

(SDBU/CR) (SECY SUSPENSE: 2/4/86)

ENCLOSURE 0

A. CONTINUED

Commissioner Zech requests that a study be done by the staff to identify those individuals who under reduction in force (RIF) exercises are also eligible for retirement.

(ADM)

(SECY SUSPENSE: 1/31/86)

SECY will track the periodic meetings of the Commission with the staff and the EEO advisory committees and ensure that each advisory committee is invited to attend these meetings. In this regard the next Commission meeting on the EEO program should take place in early June 1986.

B. STAFF REQUIREMENTS - BRIEFING BY GPU ON TMI-2 CLEANUP AND TMI-1 OPERATIONAL EXPERIENCE, 10:00 A.M., TUESDAY, JANUARY 14, 1986, COMMISSIONERS' CONFERENCE ROOM, D.C. OFFICE (OPEN TO PUBLIC ATTENDANCE) Memo SECY to RECORD dated 1/23/86

The Commission met with representatives of the General Public Utilities Corporation (GPU) and GPU Nuclear Corporation (GPUN) to receive a briefing on the status of the cleanup of TMI-2 and the restart of operations at TMI-1.

The following representatives of GPU and GPUN were in attendance at the meeting:

William G. Kuhns
Chairman and Chief Executive Officer
GPU

John F. O'Leary
Chairman of the Board
GPUN

Philip R. Clark
President and Chief Executive Officer
GPUN

Frank R. Standerfer
Vice President and Director of the TMI-2 Project
GPUN

E. E. Kintner
Executive Vice President
GPUN

The Commission decided to discuss at an agenda planning session the possibility of a briefing by Department of Energy experts on DOE findings related to fission product releases during the TMI-2 accident including any implication to the Source Term work conducted by RES.

ENCLOSURE 0

JAN 24 1986

B. (CONTINUED)

The Commission asked the GPU representatives to discuss at the next briefing of the Commission the steps GPU is taking in informing the public on corporate activity related to TMI operations and cleanup.

GPU indicated to the Commission that by June 1986 it would be able to provide to the Commission a plan for the disposal of the water in the TMI-2 reactor vessel.

C. STAFF REQUIREMENTS - BRIEFING ON EVENT AT KERR-MCGEE SEQUOYAH FACILITY, 1:00 P.M., FRIDAY, JANUARY 10, 1986, COMMISSIONERS' CONFERENCE ROOM, D.C. OFFICE (OPEN TO PUBLIC ATTENDANCE) Memo SECY to V. Stello dated 1/23/86

The Commission met to be briefed by staff on the status of the January 4 accident involving the rupture of an uranium hexafluoride cylinder at Kerr-McGee's Sequoyah Fuel Facility in Gore, Oklahoma.

The Commission requested that the staff provide a plan for addressing the Sequoyah event to include the following:

1. when the report of the site investigation team will be available and what the scope of the report will be,
2. staff priorities and schedule for resolving issues at the site, including how and when will restart of the facility be decided,
3. when staff believes they will be prepared to provide a follow-on briefing for the Commission including lessons learned,
4. the staff recommendation on asking Kerr-McGee officials to brief the Commission, and
5. information from the staff on whether there are any other Federal or state agencies responsible for regulating the chemical hazard at the Sequoyah facility and if so, what the responsibilities are.

The above information requested by the Commission is to be provided with the plan for addressing the Sequoyah event.

(NMSS)

(SECY Suspense: 2/7/86)

JAN 24 1986

ENCLOSURE 0

C. CONTINUED

Commissioner Asselstine requested information on whether the Resource Conservation and Recovery Act provisions apply to the Sequoyah facility. Commissioner Asselstine also requested that staff inform him as to whether the public and state and local officials were informed of the pending application for renewal of the Sequoyah facility's operating license prior to its September 1985 renewal.

(NMSS)

(SECY Suspense: 2/7/86)

(Commissioner Asselstine indicated that he would provide in writing to the staff additional questions regarding emergency planning.)

Commissioner Bernthal requested information on the normal free volume for the type of cylinder that ruptured during the event at the Sequoyah facility. Commissioner Bernthal further requested information on whether the prohibition on heating the overfilled cylinder to remove excess uranium hexafluoride was in response to DOE's 1978 circular.

(NMSS)

(SECY Suspense: 2/7/86)

ENCLOSURE 0

JAN 24 1986

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NRR MEETING NOTICES*

JANUARY 24, 1986

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
1/28/86 9:00 a.m.	50-424 50-425	P-114 Phillips Bldg.	Discuss streamlining (i.e., elimination of redundant or unnecessary portions) of the Vogtle - specific Technical Specifications.	Georgia Power Company	M. Miller
1/28/86 10:00 a.m.	50-029	AR-5033 Air Rights Bldg.	Discuss staff comments on the licensee's Detailed Control Room Design Review.	Yankee Atomic Electric Company	J. Clifford
1/28-31/86 8:00 a.m.	50-155	Big Rock Point Plant Charlevoix C., Michigan	Perform a Detailed Control Room Design Review and Safety Parameter Display System licensing review.	Consumers Power Company	T. Rotella
1/29/86 9:00 a.m.	-	P-114 Phillips Bldg.	Discuss development of a Commission Policy Statement on deferred and cancelled plants.	Region I, III, IV, V, IE, OELD and RES	T. Michaels
1/29/86 10:30 a.m.	-	Room 201 Ladow Bldg.	Discuss B&WOG response to NRC questions.	B&W Owners Group	L. Lois
1/29/86 9:30 a.m.	50-289	P-110 Phillips Bldg.	Discuss the proposed steam generator plugging criteria for TMI-1.	GPUN-TMI-1	J. Thoma

ENCLOSURE P

* Copies of summaries of these meetings will be made publicly available and placed in the respective docket file(s) in the NRC and local public document rooms

NRR MEETING NOTICES*

JANUARY 24, 1986

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
1/30/86 9:00 a.m.	50-295 50-304	P-114 Phillips Bldg.	Meeting with Commonwealth Edison Company (CECo) regarding reload methodology for Zion 1 and 2.	Commonwealth Edison Company	J. Norris
1/30/86 8:30 a.m.	-	P-110 Phillips Bldg.	Discuss SAFER Model Qualification for Evaluation of Loss of Coolant Accidents for Non-Jet Plants.	GPUN, NMPC, & GE	T. M. Su
2/5/86 10:00 a.m.	-	P-118 Phillips Bldg.	Overview of B&W Owners Group Activities.	B&W Owners Group	W. Paulson
1:15 p.m.			Discussion of the B&W Owners Group program with regard to the Dec. 26 Rancho Seco event and the Davis-Besse June 6, 1985 event.		

ENCLOSURE P

* Copies of summaries of these meetings will be made publicly available and placed in the respective docket file(s) in the NRC and local public document rooms

JAN 24 1986

NMSS MEETING NOTICES

FOR WEEK ENDING: 1/24/86

Division of Fuel Cycle and Material Safety

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
2/6/86	Project M-37	Willste, 8th floor conf room	Evaluation of CASTOR V Basket Cracks.	Reps of NRC, GNSI & VEPCO	Roberts
2/6/86 9:00		Willste Room 110	Meeting of the Ad Hoc Interagency Task Force to do a Public Health Assessment as a result of the Kerr-McGee accident.	Reps of NRC, EPA, CDC, ORNL, DOE, State of Oklahoma, Consultant from the University of Rochester	Shum

Division of Waste Management

2/5-7		Colorado State Univ.	Geotechnical and Geohydrology Aspects of WM	MFliegel 4 WMGT staff	MFliegel
2/10		Savannah, Georgia	ASME/EPRI Radwaste Workshop	TCJohnson To be determined	TCJohnson
2/10-12		Washington, D.C.	Nat'l Council of American Indians Executive Council Meeting	CRussell Sweisberg, SP	CRussell

Division of Safeguards

NONE

ENCLOSURE P

JAN 24 1986

January 24, 1986

RII MEETING NOTICE

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
01/28/86 10:00 am		RII Office	Enforcement Conference - Florida Power Corporation Crystal River 3	Licensee, Regional Administrator and Selected RII Staff Members	Walker
01/29/86 11:00 am		RII Office	Meeting with O. Dixon and D. Nauman, SCE&G, to discuss issues of mutual interest	Licensees and Regional Administrator	Grace
2:00 pm		RII Office	Meeting with C. Woody and A. Adomat, Florida Power and Light Company to discuss current issues pertaining to FP&L	Same as above	Grace
01/30/86 10:00 am		RII Office	Meeting with Georgia Power Company to discuss improve- ments in the SALP at Hatch Nuclear Power Plant in the area of maintenance	Licensee, Regional Administrator and Selected RII Staff Members	Walker
01/31/86 10:00 am		RII Office	Enforcement Conference Florida Power and Light Company - Turkey Point	Same as above	Walker

ENCLOSURE P