

PDR

May 22, 1985

For: The Commissioners

From: T. A. Rehm, Assistant for Operations, Office of the EDO

Subject: WEEKLY INFORMATION REPORT WEEK ENDING MAY 17, 1985

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

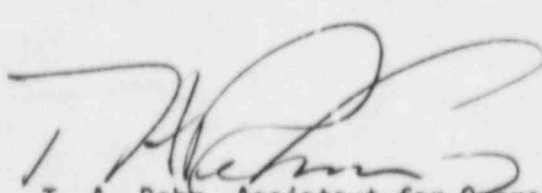
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\*No input this week.

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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 MAY 17, 1985

### Shoreham

On May 7, 1985, the Shoreham Emergency Planning ASLB re-opened the hearing record concerning the suitability of the Nassau County Coliseum as a relocation center. The Board order greatly limited the scope of the proceeding and scheduled the hearing to resume on June 4, 1985.

### Limerick

On May 2, 1985 the ASLB issued a partial initial decision (PID) on offsite emergency planning which concluded that the emergency plans provide reasonable assurance that adequate protective measures can and will be taken in the event of a radiological emergency. This PID thus disposes of all remaining issues admitted for litigation and resolves them in favor of the applicant except for any issue which may arise from the inmates of the State Correctional Institution at Graterford, Pa.

### V. C. Summer Nuclear Station

The "A" and "B" diesel generators were declared inoperable on May 8, 1985 while testing in accordance with technical specifications. The voltage regulator did not work properly on the "A" diesel generator and a noise was heard and water observed on the side of the "B" diesel generator. Water was found inside the #1 cylinder. The Plant was in hot standby (mode 3) at the time.

On May 11, 1985, for the second time in 2½ months, V.C. Summer achieved criticality sooner than the calculated ECP predicted by greater than 100 steps and actual critical position did not meet the Technical Specification rod insertion limit. The plant was shutdown by emergency boration. The licensee reviewed with W the ECP calculation and found no problems and the plant was satisfactorily started up on May 12, 1985.

### Nine Mile Point Nuclear Station, Unit 1

On May 7 and 8, 1985, thru-wall cracks were discovered in two of the four containment spray heat exchangers, and they were declared inoperable. Subsequently, visual and surface indications were identified in the two remaining containment spray heat exchangers. The facility is currently operating in a 7 day Limiting Condition for Operations (LCO) while evaluation of the remaining two heat exchangers continues. The licensee has remedial repairs in progress to preclude any potential for gross structural failure of the heat exchangers.

### Three Mile Island, Unit 2

On May 15, 1985, the TMI 2 plenum assembly (PA) was lifted from the reactor vessel and transferred to storage in the deep end of the fuel transfer canal. No significant increase in airborne contamination levels in the reactor building was observed. The safe removal and storage of the PA now allows GPU to complete the installation of equipment necessary for reactor defueling, currently scheduled to commence in Sept. 1985.

### Tests of Selected Electrical Circuits

A series of tests of selected electrical circuits has been performed at the Shippingport Atomic Power Station as the first step in a continuing effort to gather data that may be useful in better understanding in-service aging degradation of safety equipment at commercial LWRs. Data obtained during the Shippingport decommissioning will also be analyzed by RES contractors to establish a data base for evaluation of the radiological impact of decommissioning.

OFFICE OF ADMINISTRATION

Week Ending May 17, 1985

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Carryovers, 1984	179	23
Received, 1985	365	24
Granted	237	14
Denied	69	5
Pending	238	28

ACTIONS THIS WEEK

Received

Michelle Adato,  
Union of Concerned  
Scientists  
(85-334)

Request for six categories of records pertaining to the Office of Investigations.

Clinton Rogers,  
North Carolina  
Department of  
Commerce  
(85-335)

Requests a list of names and addresses of the proposers and winners for NRC's FY 1984 Small Business Innovation Research Program.

L. J. Kenaga  
(85-336)

Request for Region III's (1) Operating Plan, and (2) SALP Rating Guide for operating reactors that will be used for 1985 and 1986 evaluations.

Ken Wieselmann,  
HealthMate  
(85-337)

Request for a computer list of all active licensees with material program code No. 02201.

Chris Schroeder  
(85-338)

Request for a copy of the report entitled "Generic Adversary Characteristics Summary Report" by John B. Stewart, Jr., and others.

Debra McDonald,  
Nuclear Pharmacy  
Incorporated  
(85-339)

Request for copies of PNO-I-85-21, PNO-III-85-32, and PNO-III-85-32A.

CONTACT: J. M. Felton  
492-7211

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Received Cont'd

Susan Keselenko, Newman & Holtzinger, P.C. (85-340)	Request for copies of the 10-mile and 50-mile maps for the Clinton plant.
Mary Hargrove, The Tulsa Tribune (85-341)	Request for four categories of records regarding the Oral Roberts University, the City of Faith Hospital and Clinic, and the City of Faith Medical and Research Center in Tulsa, Oklahoma.
Billie Pirner Garde, Government Accountability Project (85-342)	Request for all records related to the March 22, 1985, letter from C. E. Norelius, Region III, and James W. Cook, Consumers Power Company, regarding the January 10, 1985, BNL report concerning the allegations of E. Earl Kent.
Martin Levy, National Treasury Employees Union (85-343)	Request for names of temporary employees made permanent since January 1, 1984; dates they were made permanent; whether the changes were promotions; the Branches, Divisions, and Offices of the employees at the times they were made permanent; whether the positions were advertised; and their Section, Branch, and Division Chiefs at the time.
Jim Pedro, NUS Corporation (85-344)	Request for a copy of "Improvement in PWR Design in Order to Reduce Collective Doses" referenced in NUREG/CR-3469, Volume 1.
Lyle Graber, NUS Corporation (85-345)	Request for a copy of SECY-84-167, regarding the use of FAA check pilot approach for reactor operator requalification.
(An Individual Requesting Information on Himself) (85-346)	Request for all records generated in support of the ongoing investigation relative to his prior activities as an NRC employee.
Kevin R. Norton (85-347)	Request for (1) a list of operational plants with the type of reactor and their location; (2) a list of all nuclear material waste disposal sites; and (3) construction description of vessels made to transport nuclear material.
Anthony L. Kimery (85-348)	Request for copies of the last two inspection reports on Kerr-McGee's plant in Gore, Oklahoma.
Lori Abrams, Public Citizen (85-349)	Request for any lists of carcinogens or suspect carcinogens.

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Jim Pedro, NUS Corporation (85-350)	Request for a copy of SECY-85-40 regarding planning the review of DOE's project decision schedule for the high level waste repository program.
Billie Pirner Garde, Government Accountability Project (85-351)	Request for all records regarding communications generated or received by Victor Stello regarding the Comanche Peak plant.
Billie Pirner Garde, Government Accountability Project (85-352)	Request for all records regarding the policies and practices of the granting or releasing of confidentiality to workers, specifically regarding any deliberations between RIV, OI, NRR, Administration, EDO, etc., to release the confidentiality of Comanche Peak workers.
Nina Bell, Nuclear Information and Resource Service (85-353)	Request for all documents related to Army Corps of Engineers and NRC analyses of the potential for a debris dam blocking the natural outlet of Spirit Lake to rupture and affecting the Trojan plant, and the current status of the permanent tunnel the Corps proposed to install.
Nina Bell, Nuclear Information and Resource Service (85-354)	Request for records related to contacts between NRC, DOE and White House officials, and between these officials and representatives of utilities, state regulatory commissions or agencies, or the financial community regarding the Callaway plant.
Nina Bell, Nuclear Information and Resource Service (85-355)	Request for records related to contacts between NRC, DOE and White House officials, and between these officials and representatives of utilities, state regulatory commissions or agencies, or the financial community regarding the Diablo Canyon plant.
Nina Bell, Nuclear Information and Resource Service (85-356)	Request for records related to contacts between NRC, DOE and White House officials, and between these officials and representatives of utilities, state regulatory commissions or agencies, or the financial community regarding the Shearon Harris plant.
Nina Bell, Nuclear Information and Resource Service (85-357)	Request for records regarding an article that appeared in the New Orleans newspaper, <u>Gambit</u> , on March 30, 1985, concerning the Department of Energy Task Force on Commercial Nuclear Power.

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Received Cont'd

Nina Bell, Nuclear Information and Resource Service (85-358)	Request for all records related to certain allegations made by Frank Peguese about the Shearon Harris plant and instances or allegations of water leakage at the Shearon Harris plant.
Nina Bell, Nuclear Information and Resource Service (85-359)	Request for all records related to how NRC intends to apply the decommissioning rule, when final, to power and non-power reactors which have already been shut down, and the effect of the proposed rule on PG&E's plans to decommission the Humboldt Bay plant.
Nina Bell, Nuclear Information and Resource Service (85-360)	Request for all records related to NRC's response to a decision favorable to the plaintiff in <u>Ricegrowers Association of California v. Delaval Turbine, Inc.</u>
Nina Bell, Nuclear Information and Resource Service (85-361)	Request for three categories of records regarding the costs of backfits to currently operating power reactors.
Nina Bell, Nuclear Information and Resource Service (85-362)	Request for all records related to the desirability of voluntary or required redress of nuclear plant sites where work was undertaken but construction is no longer contemplated, including the Clinch River Breeder Reactor, and to NRC's legal analysis of the need for site redress.
Nina Bell, Nuclear Information and Resource Service (85-363)	Request for all records related to eight categories pertaining to seismic design and earthquake research.
(An NRC Employee) (85-364)	Request for additional documentation for records associated with an OIA investigation on himself.
Billie Pirner Garde, Government Accountability Project (85-365)	Request for all records related to the NRC interim policy on management of allegations - proposed NRC Manual Chapter 0517 "Management of Allegations," and all drafts, comments, and proposals that led to this chapter.
Billie F. Brierly, Taft, Stettinius & Hollister (85-A-22-84-912)	APPEAL TO THE EDO for the denial of NEDE-21078P regarding the test results employed by GE for BWR Containment and Vertical Vent Loads - Part 2-and NEDE-13442-P-01 regarding Mark II Pressure Suppression Test Program - Phase I Tests.

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Received Cont'd

Peter C. Hearn,  
National Treasury  
Employees Union  
(85-A-23-84-168)

APPEAL TO THE COMMISSION for the denial of documents regarding NRC consolidation efforts.

(An NRC Employee)  
(85-A-24-84-61)

APPEAL TO THE COMMISSION for the lack of response of documents regarding himself.

Granted

Robert J. Sugarman,  
Sugarman,  
Denworth &  
Hellegers  
(85-207)

In response to a request for copies of documents relating to a February 1985 meeting in which representatives of the Philadelphia Electric Company briefed the NRC staff, informed the requester that the NRC staff located two documents which may be related to his request, which have already been provided to him as a party to the Limerick licensing proceeding.

Steven B. Liss,  
Abourezk, Sobol &  
Trister  
(85-288)

In response to a request for copies of all NRC records relevant to and/or generated in connection with the NRC licensing or other proceedings of the Carolina Power & Light Nuclear Power Plant outside Raleigh, North Carolina, which mention or otherwise concern 11 specified individuals, informed the requester that the NRC is not aware of any records that might mention the 11 individuals and that the NRC does not have the computer capability to search for all names or words that may appear in NRC's records.

Robert T. Nagle  
(85-311)

In response to a request for records regarding NRC's study and evaluation of the possibility/feasibility of using the salt mine located beneath Detroit, Michigan, as a permanent storage facility for radioactive waste materials, informed the requester that the NRC staff could not located any documents subject to his request.

L. Walter Skinner  
(85-319)

In response to a request for all documents that relate to the possibility of nuclear reactors, nuclear power plants, and/or nuclear "spent fuel" reprocessing facilities being destroyed by a nuclear weapon or explosive device and its consequences, informed the requester that three documents subject to his request are already located in the PDR.

Phillip A. Bradley,  
Long & Aldridge  
(85-320)

In response to a request, which was referred from the Department of Justice, for copies of documents related to the Vogtle and Hatch nuclear power plants, made available the two referred documents.

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Granted Cont'd

Chris Schroeder  
(85-338)

In response to a request for a copy of the document entitled "Generic Adversary Characteristics Summary Report," informed the requester that the requested document is already located in the PDR.

Denied

Nina Bell,  
Nuclear Information  
Resource Service  
(84-887)

In response to a request for copies of documents which relate to the question of possible limitations to the consideration of financial matters in the Commission's actions and decisions on licensing allowed or contemplated by the Atomic Energy Act or other authority granted to the NRC, informed the requester that two documents subject to her request are already publicly available in the PDR. Denied two documents in their entirety, disclosure of which would tend to inhibit the open and frank exchange of ideas essential to the deliberative process.

Billie Pirner Garde,  
Government  
Accountability  
Project  
(85-214)

In response to a request for records regarding NRC Inspection Report No. 50-483/84-45 on the Callaway nuclear power plant, made available 10 documents. Informed the requester that four additional documents are already publicly available in the PDR. Denied portions of one document, disclosure of which would reveal the advice, opinions, and recommendations of the staff.

Teresa S. Barnhart,  
NTEU Steward  
(85-18)

In response to a request for copies of records regarding Staffing Plans and NRC contractors for FY 1985 and 1986, made available 28 records. Denied one record in its entirety, disclosure of which would reveal predecisional advice, opinions, and recommendation of the staff.

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WEEKLY INFORMATION REPORT  
OFFICE OF ADMINISTRATION

May 13th, the Executive Director for Operations signed a Federal Register notice seeking public comment upon a proposed size determination standard developed by the Division of Rules and Records, ADM and approved by the Small Business Administration. The one million dollar size standard is proposed for use in identifying small entities for purposes of implementing the review of NRC regulations required by the Regulatory Flexibility Act of 1980.

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WEEKLY INFORMATION REPORT  
DIVISION OF CONTRACTS  
WEEK ENDING MAY 17, 1985

PROPOSALS UNDER EVALUATION

RFP No.: RS-RES-85-106

Title: "Piedmont Seismic Reflection Study"

Description: Select a specific seismological problem related to the Southern Piedmont, design a program of seismic reflection and other geophysical investigations, execute the program and interpret the resulting data. The information gathered is to be used to advance the state of knowledge on possible causes of seismicity in the Piedmont of Virginia and the Carolinas, particularly with respect to structure hypocentral depths.

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

Sponsor: Office of Nuclear Regulatory Research

Status: RFP closed on May 10, 1985. Proposals forwarded to Source Evaluators for review on May 10, 1985.

RFP No.: RS-RES-85-114

Title: "Flow of Groundwater and Transport of Contaminants Through Saturated Fractured Geologic Media from High Level Radioactive Waste"

Description: Provide NRC with research products which support and/or confirm the basis for technical positions on the above subject and provide a capability sufficient to evaluate DOE documents related to groundwater flow and transport in saturated fractured rocks in which HLW might be stored.

Period of Performance: Three years

Sponsor: Office of Nuclear Regulatory Research

Status: The competitive range has been established and negotiations are scheduled for June 7, 1985.

RFP No.: RS-ORM-85-312

Title: "Lease of a Data Base Management System (DBMS) and Supporting Integrated Software Packages"

Description: Contractor shall furnish and install a commercially available, fully developed and tested DBMS to serve as the primary tool for development of a corporate data network within NRC. Contractor shall also provide training, maintenance, and other support services.

Period of Performance: One Year

Sponsor: Office of Resource Management

Status: Best and Final offers received on May 10, 1985, and forwarded to Source Evaluators for review on May 13, 1985.

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CONTRACTS AWARDED

Contract No.: NRC-03-85-062

Title: "The Impact of New Reactor Safety Information on Technical Specification Improvement"

Description: The purpose of this contract is to gain advanced and illustrative knowledge of how new safety information in areas of source term, seismic margins and piping failure mechanisms will influence future specifications.

Period of Performance: Nine weeks

Sponsor: Office of Nuclear Reactor Regulation

Status: A firm-fixed price contract awarded to Professional Analysis, Inc. in the amount of \$62,313.00 effective May 15, 1985.

Contract No.: NRC-17-85-394

Title: "Stenographic Reporting Services Within the Washington, D.C. Metropolitan Area"

Description: Contractor shall furnish stenographic reporting services for meetings, hearings, press briefings, sensitive security interviews and other proceedings as may be required to be reported for the Headquarters, NRC within the Washington, D.C. Metropolitan Area.

Period of Performance: Three months

Sponsor: Office of the Secretary

Status: A fixed price requirements contract awarded to Ann Riley and Associates, Ltd. in the estimated amount of \$61,040.30 effective May 16, 1985.

CONTRACTS CLOSED OUT

NRC-04-82-008

University of Illinois

NRC-02-78-083

Boeing Computer Services

NRC-10-79-372

International Business Services

NRC-05-81-257

Robert Charles Moles Associates, Inc.

NRC-04-80-219

Massachusetts Institute of Technology

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OFFICE OF NUCLEAR REACTOR REGULATION

ITEMS OF INTEREST

Week Ending May 17, 1985

Shoreham

On May 7, 1985, the Shoreham Emergency Planning ASLB re-opened the hearing record concerning the suitability of the Nassau County Coliseum as a relocation center. The Board order greatly limited the scope of the proceeding and scheduled the hearing to resume on June 4, 1985.

Limerick

On May 2, 1985 the Atomic Safety and Licensing Board issued a partial initial decision (PID) on offsite emergency planning which concluded as follows:

The emergency plans, subject to conditions set forth in the order, meet the requirements of 10 CFR 50.47, and Appendix E to Part 50, as well as the criteria of NUREG-0654, and provide reasonable assurance that adequate protective measures can and will be taken in the event of a radiological emergency.

This PID thus disposes of all remaining issues admitted for litigation before the Licensing Board and resolves them in favor of the applicant except for any issue which may arise from the inmates of the State Correctional Institution at Graterford, Pa.

V. C. Summer Nuclear Station

On May 8, 1985 at 7:30 p.m., while testing the "A" diesel generator in accordance with Technical Specifications 3-day test frequency, the voltage regulator did not work properly and the "A" diesel generator was declared inoperable. Then at 7:50 p.m., while performing Technical Specification required surveillance on the "B" diesel generator, a noise was heard coming from the "B" diesel generator during its shutdown. Water was observed on the side of the "B" diesel generator and it was declared inoperable. Water has now been found inside the #1 cylinder. The plant was in hot standby (Mode 3) at the time.

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ENCLOSURE B

### Three Mile Island, Unit 2

The TMI Program Office (TMIPO) has approved the GPU Nuclear plan for removal of the TMI-2 plenum assembly (PA). The PA, currently supported by jacks at a height 7-1/4 inches above its normal position, will be lifted out of the reactor vessel using the polar crane, tripod and specially designed lift rigging. The PA will be horizontally transported through air for approximately 32 feet, then lowered onto its storage stand in the deep end of the fuel transfer canal, where it will be shielded under 4 feet of water.

In its Safety Evaluation, dated May 7, 1985, the staff concluded that: (1) there is little potential for uncovering the damaged core or for recriticality during PA removal; (2) there is little potential for a load drop accident involving the PA and that adequate measures are available to mitigate the consequences of such an unlikely event; and (3) the licensee has instituted appropriate measures to maintain worker exposures ALARA during PA lift and transfer. The TMIPO staff and an expert consultant observed the operation of the special lifting equipment during mockup testing conducted on April 30, 1985.

The actual lift, transfer, and storage of the plenum assembly is scheduled to take place during the week of May 13, 1985, subject to completion of prerequisite activities and final NRC approval of the detailed procedures.

### Nine Mile Point Nuclear Station, Unit No. 1

On May 7, 1985, during a routine surveillance test, the licensee discovered a thru-wall crack on the water box for one of the four containment spray heat exchangers used to cool torus water. After removing the paint, the crack was observed to be about 5 inches long in the shell to tube sheet weld. The licensee declared the heat exchanger inoperable and entered a 15 day Limiting Condition for Operations. On May 8, 1985 the licensee discovered a thru-wall crack and other surface indications (by dye penetrant (PT) testing) in a second containment spray heat exchanger, declared the heat exchanger inoperable and entered a 7 day LCO (effective May 8, 1985).

Subsequently, visual and surface indications have been identified in the two remaining containment spray heat exchangers. All indications are located in the shell to tube sheet welds on the water box sides. The two remaining heat exchangers are under evaluation.

The facility is currently operating in a 7 day LCO while the evaluation of the remaining two heat exchangers continues. Each heat exchanger has 100% cooling capacity. The licensee has remedial repairs in progress to preclude any potential for gross structural failure of the heat exchangers.

MAY 17 1985

ENCLOSURE B

#### V. C. Summer Nuclear Station

For the second time in 2½ months, V. C. Summer achieved criticality sooner than the calculated ECP predicted by greater than 100 steps (Target Band is plus or minus 50 steps). This latest occurrence was on Saturday, May 11, 1985. Also, for this startup, actual critical position did not meet the Technical Specification rod insertion limit. The plant was shutdown by emergency boration in accordance with plant procedures. The licensee reviewed with Westinghouse the ECP calculation, and found no problems. The licensee started up the plant satisfactorily on Sunday, May 12, 1985.

After the first occurrence, the V. C. Summer ECP procedure was upgraded to take xenon into better account.

#### Yankee Nuclear Power Station LOCA Analysis

In March, 1985, Exxon Corporation informed the NRC of errors in Exxon LOCA analysis codes. Investigation by NRR with subsequent reanalysis by the licensee has revealed a limitation in the LOCA model used for the Yankee plant. The limitation could possibly cause analysis limits to be exceeded in the upper core region during core reflood if a LOCA were to occur late in the fuel cycle. Based on reanalysis results available to date, the licensee has voluntarily taken action to reduce the flux in the upper core region until the analysis is completed. Region I and NRR are following the reanalysis activity.

#### Grand Gulf, Unit 1

The plant achieved 100 percent power Sunday, May 12, 1985, at 8:00 a.m. The plant is undergoing startup testing in the last phase, Test Condition 6, which ranges between 95 and 100 percent power. The plant was brought up to 100 percent power (1204 megawatts electric) for one hour to make measurements at that power level for the first time.

The licensee has scheduled completion of startup tests in July 1985. There are 34 startup tests in Test Condition 6. One of the tests, turbine trip and generator load rejection, will be a more severe transient than the planned test because only two of the three main steam bypass lines are in operation. The transient would be bounded by safety analyses, however, which are based on no steam bypass.

One main steam bypass line has been taken out of service because of a non-through wall crack in the piping downstream of the valve. The 6-inch longitudinal crack was found by ultrasonic inspection. The licensee is evaluating repair of the bypass line and operation with one bypass line closed to determine the needed repair and the optimum time to make the repair.



Three Mile Island, Unit 2

On Wednesday, May 15, 1985, the TMI-2 plenum assembly (PA) was lifted from its jacked position in the reactor vessel and lowered onto its storage stand in the deep end of the fuel transfer canal, where it is shielded under four feet of water. The reactor building polar crane, tripod, and lift rigging performed satisfactorily throughout the lift, transfer and storage sequence. No significant increase in airborne contamination levels in the reactor building was observed during the PA removal. The safe removal and storage of the PA now allows GPU Nuclear to complete the installation of equipment necessary for reactor defueling, currently scheduled to commence in September 1985.

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## NRC TMI PROGRAM OFFICE WEEKLY STATUS REPORT

MAY 13 - 17, 1985

### 1. 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.
- RCS cooling is by natural heat loss to the reactor building ambient atmosphere. Incore thermocouple readings range from 72°F to 92°F with an average of 81°F. Average cold leg temperature is 58°F.
- Calculated reactor decay heat is less than 14 kilowatts.
- 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 average reactor building temperature is 60°F. The reactor building airborne activity is 1.3 E-9 uCi/cc tritium, and 5.0 E-10 uCi/cc particulates, predominantly cesium 137.
- The reactor vessel plenum has been removed from the reactor vessel and placed 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.

### 2. WASTE MANAGEMENT

- The Submerged Demineralizer System (SDS) completed processing batch S-118, consisting of 12,217 gallons of miscellaneous waste from the neutralizer tanks.
- No EPICOR II processing occurred this week.
- Total volume processed through SDS to date is 2,875,999 gallons, and the total volume processed through EPICOR II is 2,447,788 gallons.

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### 3. DOSE REDUCTION/DECONTAMINATION ACTIVITIES

- General cleanup continued in the control and service building.
- Decontamination of the auxiliary building elevator shaft continued.
- Cleanup is in progress in the 'A' RCBT cubicle.
- Decontamination is in progress in the tendon access gallery.
- Average general area radiation dose rate on the 347' level of the reactor building is 36 mrem per hour. Average dose rate on the 305' level is 160 mrem per hour.

### 4. ENVIRONMENTAL MONITORING

- The Lancaster water sample taken at the water works intake and analyzed by the US Environmental Protection Agency consisted of a seven day composite sample taken from April 28, to May 4, 1985. A gamma scan detected no reactor related radioactivity.
- TMI water samples taken by the US Environmental Protection Agency at the plant discharge to the river consisted of seven daily composite samples taken from April 27, to May 1, 1985. Gamma scans detected no reactor related radioactivity.
- The NRC outdoor airborne particulate sampler at the TMI Site collected a sample between May 8, and May 16, 1985. No reactor related radioactivity was detected. Analysis showed I-131 and Cs-137 concentrations to be less than the lower limits of detectability.
- The above EPA sample analysis results show TMI site liquid effluents to be in accordance with regulatory limits, NRC requirements, and the City of Lancaster Agreement.

### 5. REACTOR BUILDING ACTIVITIES

- The plenum assembly was removed from the reactor vessel and transferred to storage in the deep end of the fuel transfer canal on May 15, 1985. The maximum measured dose rate, 3½ feet directly below the plenum, was 80 R/hr. Radiation levels in the refueling canal returned to pre-transfer levels once the plenum was stored under 6 feet of water in the deep end of the canal.
- Future work in the reactor building will be focused on preparations for the first phase of defueling in September 1985. The near term defueling preparations include installation of a 5-ton service crane over the refueling canal and completion of the Defueling Water Cleanup System.

### 6. AUXILIARY AND FUEL HANDLING BUILDING ACTIVITIES

- Installation of the Defueling Water Cleanup System (DWCS) continued.
- Testing of the fuel transfer system and upenders has been completed in the 'A' spent fuel pool.
- Boration of the processed water storage tank number 1 is in progress. The chemistry of this water is being adjusted to provide a source of RCS quality water for flooding of the 'A' spent fuel pool. The chemical addition will take about one month.

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7. NRC EVALUATIONS IN PROGRESS

- Defueling Water Cleanup System Technical Evaluation
- Technical Specification Change Requests numbers 46 and 48
- Equipment Hatch Removal Safety Evaluation
- Recovery Operations Plan Change number 27
- Fuel Canister Technical Evaluation
- Fuel Handling Senior Reactor Operator Training Program
- Defueling Safety Evaluation

8. PROJECTED SCHEDULE OF FUTURE EVENTS

- Start of Defueling: September 1985

9. PUBLIC MEETING

- The Advisory Panel for the Decontamination of Three Mile Island Unit 2 met on May 16, 1985. At the meeting, which was open to the public, the Panel discussed their position on the level of the Panel's inquiry into health effect studies and data related to the radioactive release during the TMI-2 accident. The Panel received a presentation from representatives of General Public Utilities Nuclear Corporation on plans for reactor fuel removal and storage. The Department of Energy briefed the Panel on the current status of fuel shipping casks that will be used for offsite transport of fuel and debris removed from the reactor. The NRC staff provided the Panel with an update on the status of NRC investigations and enforcement actions. The date and location of the next Panel meeting will be announced in the future.

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending May 17, 1985

Spent Fuel Storage -- Castor Ic Dry Spent Fuel Storage Cask Topical Report Approval

The Advanced Fuel and Spent Fuel Licensing Branch has issued a letter of approval and safety evaluation report for the General Nuclear Systems, Inc. (GNSI) CASTOR Ic cask Topical Report (TR) stating that the TR is acceptable for reference in a site-specific license application under 10 CFR Part 72. The CASTOR Ic dry spent fuel storage cask has a capacity of 16 BWR fuel assemblies (stored in a helium atmosphere) with a decay heat not to exceed 1.1 kilowatts per assembly (for design basis fuel, a decay time of about 1-1/2 years after discharge). TVA previously has informed the staff that it plans to submit a license application, referencing this TR, for storage demonstration of a single CASTOR Ic cask at its Browns Ferry site. The staff is continuing its review of a second TR of GNSI for the CASTOR V dry storage cask, which has a capacity of 21 PWR spent fuel assemblies (for fuel with a decay time of about 5 years).

Allied Chemical Company, Metropolis, Illinois

On May 9, 1985, a meeting was held between representatives of Allied Chemical Company and NMSS to discuss proposed license conditions for the renewal of Source Material License SUB-526. Agreement was reached during the meeting on the content and intent of the conditions proposed by NMSS staff.

US/IAEA Safeguards Agreement

NMSS staff participated in the Annual US/IAEA Safeguards Agreement Implementation Review meeting on May 7-9, 1985. Representatives from IAEA, State, ACDA and DOE were in attendance.

The status of IAEA safeguards application in the U.S. was reviewed including their inspection program, current reporting practices and future selections of U.S. facilities. The annual IAEA Safeguards Implementation Report (SIR) was also discussed.

ENCLOSURE C

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OFFICE OF INSPECTION AND ENFORCEMENT  
Items of Interest  
Week Ending May 17, 1985

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

- a. EN 85-32A, Order Prohibiting Access to Controlled Areas was issued May 13, 1985 to J. C. Haynes Company (Newark, OH).
- b. EN 85-35B, a Proposed Imposition of Civil Penalty in the amount of \$50,000 was issued May 16, 1985 to Tennessee Valley Authority (Browns Ferry, Units 1, 2, and 3) for a safeguards violation. On May 2, 1985, the Commission was informed that a hold had been placed on EN 85-35, a Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$75,000 to be issued April 29, 1985. As a result of further review, the staff has concluded that escalation of the proposed civil penalty is not warranted in consideration of the corrective actions taken by the licensee.
- c. EN 85-37, A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$500 was issued May 10, 1985 to American Can Company (Greenwich, CT). This action is based on the unauthorized removal of radioactive material (NDC Systems Model 103 RHL nuclear gauge) from an unrestricted area. The licensee presumes the nuclear gauge was lost or stolen.
- d. EN 85-38, a Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$2,500 was issued May 13, 1985 to St. Thomas Hospital (St. Thomas, Virgin Islands). This action is based on sixteen violations of NRC requirements including an unsupervised individual using radioactive material, failure to leak test sealed sources, failure to provide dosimetry devices to workers, failure to check for contamination on incoming packages, failure to perform linearity tests on the dose calibrator, failure to conduct similar surveys, etc. These violations indicate that adequate oversight and control of the radiation safety program was not exercised.
- e. EN 85-39, Order to Show Cause Why License Should Not be Revoked was issued May 15, 1985 to Met Lab, Incorporated (Hamptom, VA).

2. The following IE Preliminary Notifications were issued during the past week:

- a. PNO-I-85-35, Niagra Mohawk Power Corporation (Nine Mile Point, Unit 1), Excessive Contamination on a Solidified Waste Cask.
- b. PNO-II-85-41A, Virginia Electric and Power Company (Surry, Unit 2), Small Steam Generator Surface Cracks - Update.
- c. PNO-II-85-45A, Uniroyal Tire Company (Opelika, AL), Update on Four Missing Gauges with Radioactive Material.

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- d. PNO-II-85-50, South Carolina Electric and Gas Company (Summer), Inoperable Diesel Generators.
  - e. PNO-II-85-51, Alabama Power Company (Farley Unit 1), Crack in Containment Vertical Tendon Field Anchor.
  - f. PNO-II-85-52, Mississippi Power and Light Company (Grand Gulf Unit 1), Unit Reaches 100 percent Power Level.
  - g. PNO-II-85-53, Georgia Power Company (Hatch, Unit 1), Shutdown Greater than 48 Hours.
  - h. PNO-II-85-54, Nuclear Fuel Services (Erwin, TN), Workers on Strike.
  - i. PNO-III-85-40, Commonwealth Edison Company (Byron), Bomb Threat.
  - j. PNO-III-85-41, Edlow International Company (Washington, DC), Planned Closing of Uranium Storage Facility.
  - k. PNO-IV-85-21, Louisiana Power and Light Company (Waterford Unit 3), Steam Hammer in Steam Supply Line to Emergency Feedwater Pump.
  - l. PNO-IV-85-22, Louisiana Power and Light Company (Waterford Unit 3), Feed Pump Coupling Damage and Unidentified Reactor Coolant System Leakage.
  - m. PNO-V-85-26, Pacific Gas and Electric Company (Diablo Canyon Unit 1), Accidental Discharge of Condensate Water.
  - n. PNO-V-85-27, Palo Verde Nuclear Generating Station (Wintersburg, Arizona), Suspension of Employees.
  - o. PNS-V-85-02, Arizona Public Service (Palo Verde Unit 1 & 2), Arrests for Sale of Drugs.
  - p. PNO-TMI-85-04, GPU Nuclear Corporation (TMI Unit 2), Plenum Assembly Removal.
3. The following IE Information Notices were issued during the past week:
- a. IE Information Notice 84-52, Supplement 1, Inadequate Material Procurement Controls on the Part of Licensees and Vendors was issued May 8, 1985 to all nuclear power reactor facilities holding an operating license or construction permit.
  - b. IE Information Notice 84-55, Supplement 1, Seal Table Leaks at PWRs was issued May 14, 1985 to all nuclear power reactor facilities holding an operating license or a construction permit.

- c. IE Information Notice 85-20, Supplement 1, Motor-Operated Valve Failures Due to Hammering Effect was issued May 14, 1985 to all nuclear power reactor facilities holding an operating license or construction permit.
- d. IE Information Notice 85-37, Chemical Cleaning of Steam Generators at Millstone 2 was issued May 14, 1985 to all pressurized water reactor facilities holding an operating license or a construction permit.

4. Other Items

a. Operation Management Meeting

The Director, Division of Inspection Programs participated in a Readiness for Operations Management Meeting at River Bend Nuclear Station this week.

b. NUS Symposium/Workshop

The Director and representatives of the Division of Emergency Preparedness and Engineering Response participated in an NUS Symposium/Workshop on Reporting Requirements in Tampa, Florida on May 13-14, 1985.

c. ASLB Panel

The Deputy Director, Division of Emergency Preparedness and Engineering Response participated in the 1985 meeting of the Atomic Safety and Licensing Board Panel in Ocean City, Maryland on May 13-14, 1985.

d. Quality Assurance

- (1) Representatives of the Quality Assurance Branch, Division of Quality Assurance, Vendor, and Technical Training Center Programs attended a one-day safety-related quality assurance seminar on "quality assurance of software in today's nuclear industry" in Kansas City, MO on May 14, 1985. This seminar brought together many representatives of the central region nuclear industry.
- (2) Readiness Review Project Officer, Quality Assurance Branch, Division of Quality Assurance, Vendor, and Technical Training Center Programs, is participating in a meeting with Georgia Power Company and Region II in Atlanta May 14-15 on the presentation by Georgia Power of a completed Readiness Review Module.

e. Civil Penalties Paid

- (1) On May 10, 1985, payment in the amount of \$18,750 was received from Nuclear Fuel Services Inc. (Erwin, TN) for enforcement action (EA 85-03) relating to violations involving releases of radioactive material to an employee working environment and observation of non-routine activities with regard to the radiation work permit program and performance of Airborne Surveys.
- (2) On May 13, 1985, payment in the amount of \$50,000 was received from Nuclear Fuel Services (Erwin, TN) for enforcement action (EA 84-60) relating to licensee's failure to maintain material access barriers.
- (3) On May 13, 1985, payment in the amount of \$2,500 was received from Barnert Memorial Hospital (Paterson, NJ) for enforcement action (EA 85-35) relating to Health Physics Violations.
- (4) On May 13, 1985, payment in the amount of \$5,000 was received from Trans-Eastern Inspection Service (Boca Raton, FL) for enforcement action (EA 84-110) relating to radiation safety violations.
- (5) On May 14, 1985, payment in the amount of \$1,000 was received from Applied Health Physics (Bethel Park, PA) for enforcement action (EA 84-131) relating to violations of transportation requirements.
- (6) On May 15, 1985, payment in the amount of \$500 was received from Sego Well Services (Cambridge, OH) for enforcement action (EA 85-33) relating to violations involving oversight of radiation safety programs.

f. Enforcement Conference

A representative of the Enforcement Staff was in Region II on May 15, 1985 for an enforcement conference on Watts Bar.

g. Safeguards Materials Program

A representative of the Materials Program Branch, Division of Inspection Programs, was in Columbus, OH this week accompanying a Region III inspector on an unannounced inspection of a large irradiator facility (Radiation Sterilizers, Inc.).

h. Vendor Program

The Vendor Program Branch, Division of Quality Assurance, Vendor, and Technical Training Center Programs, conducted the following inspections this week:

- (1) Morrison-Knudsen Company, Rocky Mount, NC, to review vendor/licensee correspondence, maintenance, and design change notices.
- (2) Semens-Allis, Wendell, NC, to review vendor/licensee correspondence, maintenance, and design change notices.
- (3) Wyle Laboratories, Norco, CA, to perform a technical review of recent qualification testing and witness qualification testing being conducted for GE components for GE, including an AC and DC MOV actuator and Limitorque MOV.

i. Performance Appraisal Team (PAT)

The Performance Appraisal Team is conducting an inspection of Maine Yankee, May 13-24 and June 3-7, 1985. The ten member inspection team includes a member of the NRR Radiological Assessment Branch, a Region I Senior Resident Inspector, and the Special Assistant to Commissioner Zech.

j. Regulatory Effectiveness Review

A representative of the Operating Reactor Programs Branch, Division of Inspection Programs, accompanied NMSS Safeguards staff to Indian Point 3 to assist in a regulatory effectiveness review (RER) of the site security program during the period May 13-17, 1985.

k. Outage for Dresden

A representative of the Reactor Construction Branch, Division of Inspection Programs, participated in a meeting on May 3, 1985 in Region III with Commonwealth Edison Company to discuss the planned outage at Dresden scheduled for the fall of 1985.

l. Transportation/Solid Radwaste Activities

Representatives of the Safeguards and Materials Programs Branch, Division of Inspection Programs, were at Russellville, Arkansas May 13-14, 1985 to accompany a Region IV inspector during an inspection of transportation/solid radwaste activities at Arkansas 1/2. During May 15-16, 1985, conducted a two-day training course on transportation at Region IV and on May 17 conducted discussions on the assessment of the Region IV Inspection Program for transportation/radwaste.

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m. Incident Response

- (1) Representatives of the Incident Response Branch, Division of Emergency Preparedness and Engineering Response, developed and presented the pilot Severe Accident Radiological Assessment and Meteorological Course at FEMA's Emergency Management Institute in Emmitsburg, MD on May 13-14, 1985.
- (2) A representative of the Incident Response Branch, DEPER, attended the RTE Working Group session held in Harrisburg, PA, on May 14, 1985.
- (3) On May 14, 1985, the Chief, Incident Response Branch, DEPER, participated in the Response 85 Earthquake - Catastrophic Disaster Response Group planning session for the exercise scheduled on June 18-20, 1985.
- (4) The Chief and a staff member, IRB, DEPER, met with FEMA on May 15, 1985 to discuss the agency's plan for implementing Category B under the National Continuity of Government Program.

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ENCLOSURE D

## OFFICE OF NUCLEAR REGULATORY RESEARCH

### Items of Interest

Week Ending May 17, 1985

#### Multi-Loop Integral System Test (MIST)

A Program Management Group (PMG) meeting was held on April 30-May 2, 1985 in Alliance, Ohio to discuss MIST construction and analysis issues. The PMG has accepted the Babcock and Wilcox (B&W) recommendation to use existing heater rods and braze techniques and replace the shorted heaters. In addition, B&W will also perform a feasibility study of lower temperature braze through braze alloy selection. There is no expected impact on the planned startup of the facility in September 1985.

#### Semiscale

The system modifications necessary to perform secondary system feedwater line breaks in Semiscale have been completed. System checkout is in progress and the initial attempt to perform the first feedwater line break test is May 22, 1985. The purpose of the feedwater line break test series is to provide additional data to assess the accuracy of the best estimate codes for this type of event. Conservative analyses indicate that in certain cases feedwater line breaks can result in reactor coolant system overpressurization that exceeds Standard Review Plan limits, i.e., 110 percent of system design pressure.

#### Lehigh University

A review of the Post-Critical Heat Flux (CHF) Heat Transfer experiment at Lehigh University was held at NRC on May 6, 1985, to provide the status of the program to NRR and RES staff. The purpose of the experiment is to provide data to assess post-CHF correlations used in nuclear reactor system codes.

#### NRC LOFT

A report entitled "Summary of the Nuclear Regulatory Commission's LOFT Program Research Findings," was published as NUREG/CR-3005. The report is a summary of the main research results of the Loss-of-Fluid-Test (LOFT) program (pre-OECD) relative to code assessment, code development, licensing, rulemaking, safety technology, and reactor operations.

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ENCLOSURE E

Tests of Selected Electrical Circuits

A series of tests of selected electrical circuits has been performed at the Shippingport Atomic Power Station as the first step in a continuing effort to gather data that may be useful in better understanding in-service aging degradation of safety equipment at commercial LWRs. Shippingport, which was operated by DOE for the Nuclear Navy, is a PWR with many design features and components typical of a commercial LWR. Decommissioning activities at Shippingport are expected to begin later this year and, through cooperation with DOE, arrangements have been made to obtain equipment and coolant boundary samples for examination and testing as part of the aging research program being conducted by RES. The initial series of tests were conducted to assess the status of selected electrical circuits before removal for additional analyses. Data obtained during the Shippingport decommissioning will also be analyzed by RES contractors to establish a data base for evaluation of the radiological impact of decommissioning.

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ENCLOSURE E

ITEMS OF INTEREST  
OFFICE OF INTERNATIONAL PROGRAMS  
WEEK ENDING MAY 17, 1985

Arrangement Activity

The staff this week sent the following three agreements, which have all been cleared by the Department of State, to the EDO for signature:

1. The "Agreement on the OECD Halden Reactor Project Covering the Period January 1, 1985 to December 31, 1987," which had been held up pending Halden's acceptance of several conditions on continued NRC participation which NRC had specified after undergoing significant research budget reductions.
2. The "NRC-Philippine Atomic Energy Commission (Renewal) Arrangement for the Exchange of Technical Information and Cooperation in Nuclear Safety Matters," which extends for another five years the information exchange and cooperation activities currently underway between NRC and the PAEC.
3. An Addendum to the NRC-IAEA Memorandum of Understanding (Administrative) which details how the IAEA will reimburse (rather than prepay) NRC for expenses it incurs in supporting and participating in the IAEA's program of technical assistance to less-developed countries.

International Visitors

On Monday Mr. Kjell Andersson and Mr. Alf Larsson of the Swedish Nuclear Power Inspectorate (SKI) and Mr. Inge Pierre of the Swedish Embassy in Washington met with technical representatives from NMSS and RES to discuss several aspects of NRC's waste management activities. They were especially interested in NRC's strategy for licensing HLW repositories and NRC's approach to reviewing DOE's work on site characterization. They also expressed an interest in hydrological modeling and performance assessment of repositories. The visitors took this opportunity to note recent progress in the hydrocoin project headed by SKI, which is aimed at modeling nuclide transport behavior in geological formations. Before coming to the NRC the Swedish team also had an appointment at DOE to discuss similar topics.

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING MAY 17, 1985

California's Low-Level Waste Disposal Program

In the Weekly Report for week ending April 19, 1985, it was reported that the Court had rendered a decision in the Chem-Nuclear case against the State. The Court had directed in the tentative decision that either Party had 10 days to specify controverted issues or make proposals not covered in the decision. The State of California received an extension to the 10-day limit and on May 1, 1985, the State submitted a response specifying controverted issue and objections to the tentative decision. OSP has been informed by California that Chem-Nuclear will have 20 days to submit a response to the Court on the issues raised in the State's response to the decision.

Panel on Price-Anderson

On May 13, 1985, in Chicago, Jerome Saltzman (OSP) participated in a panel on Price-Anderson alternatives before a committee of Governors' advisors on energy of the National Governors' Association. Representatives of the Congressional staff, electric utilities and public interest groups also participated in the panel.

MAY 17 1985

ENCLOSURE H



OFFICE FOR ANALYSIS AND EVALUATION OF OPERATIONAL DATA

ITEMS OF INTEREST

WEEK ENDING MAY 17, 1985

1. An Engineering Evaluation Report (AEOD/E506) was completed on the review of an event involving stem fracture of a valve in the RHR system. The valve stem was made of type 410 stainless steel. Metallurgical examination showed that the stem had failed from intergranular stress corrosion cracking (IGSCC). Excessive surface hardness caused by improper heat treatment during manufacture of the stem material was found to be a contributing factor to the stem failure. In this engineering evaluation, a search of the LER data base was made which revealed that similar events have occurred at three other plants involving valves of different sizes and manufacturers. The valve stems in these events were also made of type 410 stainless steel. Valve stems made of 400 series stainless steel and heat treated to high hardness are highly susceptible to IGSCC. The excessive hardness is not detected in the usual licensee or supplier's QA programs. Also, the existing code requirements do not specifically address the actual testing to verify the hardness for the stem material after heat treatment.

Based on the results of this study, AEOD suggested that IE consider issuing an Information Notice for feedback purposes and RES consider the adequacy of the applicable code requirements for assurance of proper heat treatment.

2. Representatives from IE and AEOD gave a two day workshop to licensee personnel on the reporting requirements contained in 10 CFR 50.72 and 50.73. The workshop was attended by 107 people representing 48 utilities with operating nuclear power plants. The discussion included all aspects of reporting to the NRC Operations Center via the Emergency Notification System, and preparation and submission of Licensee Event Reports (LERs).

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ENCLOSURE J

OFFICE OF SMALL AND DISADVANTAGED  
BUSINESS UTILIZATION/CIVIL RIGHTS

Item of Interest

Week Ending May 17, 1985

On May 7 and 9, 1985, OSDBU/CR sponsored two one-day seminars for NRC's senior management officials. Conducted by the U.S. Department of Agriculture Graduate School, the seminars focused primarily on EEO laws, policies, and procedures. Thirty-eight senior managers including one Regional Administrator participated. The training will be a definite benefit in terms of strengthening NRC leadership and commitment to the objective of the Agency's EEO Program Plan.

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ENCLOSURE K

ITEMS ADDRESSED BY THE COMMISSION - WEEK ENDING MAY 17, 1985

A. STAFF REQUIREMENTS -- INDIAN POINT SPECIAL PROCEEDING DECISION  
(CLI 85-06) Memo SECY to W. J. Dircks dated 5/13/85

This is to advise you that CLI 85-06, affirmed by the Commission on April 25, 1985,\* and signed May 7, 1985, directs the NRC staff to accomplish the following tasks:

- (a) Undertake a study of the vulnerability of the Indian Point Unit 2 diesel generator and control buildings to high winds and the possibility that these buildings and the condensate storage tank could be damaged by missiles created by failure of nearby structures (see CLI 85-06, pages 26, 34, and 59).  
(~~EDG~~) (SECY SUSPENSE: To be determined)  
(NRR)
- (b) Keep abreast of relevant research and experience with filtered vented containments in order to assess their potential value as consequence-mitigating means for application to the Indian Point units (CLI 85-06, pages 36 and 59).  
(~~EDG~~) (NRR)
- (c) Rescind all of the requirements for reducing Indian Point risk contained in the Director of Nuclear Reactor Regulation's February 11, 1980 Order to the Indian Point licensees unless they are required to meet other license requirements for the Indian Point units or are required to fulfill generic requirements applicable to similar types of power reactors (CLI 85-06, pages 28-29).  
(~~EDG/NRR~~) (SECY SUSPENSE: June 18, 1985)
- (d) Confer with FEMA and report to the Commission within 60 days of the issuance of CLI 85-06 on the current status of emergency planning at Indian Point and on whether deficiencies identified by the Board and by the Commission in this proceeding have been corrected. The report will be outside the context of the Special Proceeding (CLI 85-06, pages 45, 47, 52, 53-54, and 59).  
(~~EDG/NRR~~) (SECY SUSPENSE: July 8, 1985)  
(IE)

You are directed to take the necessary action to complete the tasks within the time frame indicated above.

\* See also May 3, 1985 SRM for the Affirmation meeting held on April 25, 1985.

B. SECY-84-146 - PROPOSED LICENSE TO EXPORT DEUTERIUM OXIDE (D<sub>2</sub>O) TO CANADA  
(XMAT0316) Memo SECY to W. J. Dircks dated 5/13/85

This is to inform you that the Commission (with all Commissioners agreeing) has approved the proposed issuance of a license (XMAT0316) to export 2,500 kilograms of deuterium oxide to Canada.

The Office of International Programs was advised of this action on May 7, 1985.

C. STAFF REQUIREMENTS - DISCUSSION OF LOW LEVEL WASTE ISSUES, 2:00 P.M.,  
WEDNESDAY, MAY 1, 1985, COMMISSIONERS' CONFERENCE ROOM, D.C. OFFICE  
(OPEN TO PUBLIC ATTENDANCE) Memo SECY to W. J. Dircks dated 5/13/85

The Commission met with staff to discuss what actions, if any, NRC should take in anticipation of a low level radioactive waste storage problem.

The Commission requested staff to provide information regarding the relative effectiveness of licensee efforts to reduce volume of low level wastes generated and shipped offsite and trends in volume reduction over the past few years. The Commission further requested information regarding the range in degree of compaction that can be achieved and to what extent volume may be reduced further by incineration methods.

(NMSS)

(SECY Suspense: 5/31/85)

Chairman Palladino requested Commission offices to provide the Office of the Secretary with comments on House Bill 1083 and on the proposed letters to Congress and licensees.

(OCM)

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ENCLOSURE 0

D. STAFF REQUIREMENTS - BRIEFING BY AIF ON STATE OF THE INDUSTRY, 10:30 A.M.,  
WEDNESDAY, MAY 8, 1985, COMMISSIONERS' CONFERENCE ROOM, D.C. OFFICE (OPEN  
TO PUBLIC ATTENDANCE) Memo SECY to RECORD dated 5/16/85

The Commission met to be briefed by representatives of the Atomic Industrial Forum (AIF) regarding AIF's views on the current status of the nuclear industry. The following persons briefed the Commission:

- Donald P. Lyons  
Chairman, AIF Board of Directors and  
President, Power Systems Group,  
Combustion Engineering, Inc.
- James J. O'Connor  
Chairman of the Board, INPO and  
Chairman of the Board and President,  
Commonwealth Edison Company
- Murray Edelman, Chairman  
AIF Committee on Reactor Licensing and Safety, and  
Vice President, Nuclear Group,  
Cleveland Electric Illuminating Co.
- Cordell Reed, Chairman  
IDCOR, Program Steering Group, and  
Vice President, Nuclear Operations,  
Commonwealth Edison Company
- Barton Z. Cowan, Chairman  
AIF Lawyers Committee and  
Partner, Eckert, Seamans, Cherin and Mellott

There were no requirements at this meeting.

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ENCLOSURE 0



E. STAFF REQUIREMENTS - AFFIRMATION/DISCUSSION AND VOTE, 3:30 P.M., THURSDAY, MAY 9, 1985, COMMISSIONERS' CONFERENCE ROOM, D.C. OFFICE (OPEN TO PUBLIC ATTENDANCE) Memo SECY to H. E. Plaine dated 5/17/85

I. SECY-85-136 - Options to Respond to Remand of Guard v. NRC

The Commission by a 4-1 vote (with Commissioner Asselstine disapproving) approved a policy statement which provides interim guidance to the adjudicatory boards and the staff until the Commission can conclude its response to the D.C. Circuit Court's remand in Guard v. NRC.

The guidance states that "the Commission believes that Licensing Boards (and, in uncontested situations, the staff) may find that applicants who have met the requirements of Section 50.47(b) (12) as interpreted by the Commission before the Guard decision and who commit to full compliance with the Commission's response to the Guard remand meet the requirements of Section 50.47(c) (1) and, therefore, are entitled to licenses conditional on full compliance with the Commission's response to the Guard remand."

You should forward the policy statement for signature and publication in the Federal Register.

(OGC)

(SECY Suspense: 5/20/85)

The Commission also agreed (with all Commissioners approving) to ask the staff to respond to three options dealing with the Guard case (attached memo).

II. SECY-85-140 - TMI-1 Restart Proceeding -- TMIA Motion for Reconsideration of Denial of Section 189 Hearing Request on Licensee's Character

The Commission, by a vote of 4-1, approved an order denying a request by TMIA for reconsideration of the Commission's April 4, 1985 denial of TMIA's February 1, 1985 request for a hearing. Commissioner Asselstine disapproved, indicating that he would have taken review of the original 2.206 petition.

(Subsequently on May 9, 1985 the Secretary signed the order.)

III. SECY-85-141 - TMI-1 Restart: Motions for Reconsideration of Commission's Decision that no Further Hearings are Required

The Commission, by a vote of 3-2, approved an order which denies motions by the Commonwealth of Pennsylvania and Three Mile Island Alert that the Commission reconsider its February 26, 1985 decision that no further hearings are warranted in the TMI-1 restart proceeding. Commissioners Asselstine and Bernthal disapproved the order.

(Subsequently on May 9, 1985 the Secretary signed the order.)

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ENCLOSURE 0

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NRR MEETING NOTICES\*

MAY 17, 1985

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
5/18-19/85 9:00 am	50-400	E&E Center New Hill, NC	Assess status of construction and completion schedule for Harris Unit 1	Carolina Power & Light	B. Buckley
5/21/85 9:30 am	50-245	MNBB-6507 Bethesda	IGSCC Reinspection of Mill- stone 1 Recirculation Pipe Welds during Reload 10 outage scheduled for October 1985	Northeast Nuclear	J. Shea
5/21-23/85 9:00 am	50-445 50-446	Cygna San Francisco, CA	Briefing on results of the Independent Assessment Program Phase 4 in areas of Mechanical and Electrical System	Texas Utilities (Comanche Peak)	S. Burwell
5/22/85 1:00 pm	50-237 50-249	P-422 Bethesda	To discuss issues relating to new site for MVRs propane tanks at Dresden	Commonwealth Edison	R. Gilbert
5/22/85 9:00 am		P-118 Bethesda	To discuss technical issues re- lated to proposal that was sub- mitted to NRC to resolve USI A-44	Nuclear Utility Group On Station Blackout	F. Schroeder

PLEASE BE ADVISED THAT DAILY RECORDING CAN BE HEARD ON 492-7166

\*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.

ENCLOSURE P

MAY 17 1985

NRR MEETING NOTICES\*

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
5/22/85 1:00 pm	50-482	P-114 Bethesda	To discuss NRC's recommendation that the licensee add data on containment isolation status to the SNUPPS SPDS as a display variable	Kansas Gas & Elec. Union Elec. Co. (Wolf Creek 1&2)	P. O'Connor
5/22-23/85 8:00 am	50-244	Ginna Site Ontario, NY	Review Masonary Wall Design	Rochester Gas & Electric	C. Miller
5/22-23/85 8:30 am	50-275 50-323	Westinghouse Offices 5/22 P-118 5/23 Bethesda	To discuss PG&E Long-Term Seismic Program	Pacific Gas & Elec. Univ. of Nevada (Diablo Canyon 1&2)	H. Schierling
5/24/85 9:00 am	50-443 50-444	PSNH Seabrook Office Bethesda, Md.	Cable Tray Support Re-evaluation Program	Public Service of New Hampshire	V. Nerses
5/31/85 1:00 pm	50-412	P-110 Bethesda	Appeal of the requirements on air dryers for emergency diesel generators	Duquesne Light Co. (Beaver Valley 2)	V. Nerses

PLEASE BE ADVISED THAT DAILY RECORDING CAN BE HEARD ON 492-7166

\*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.

ENCLOSURE P

MAY 17 1985

NMSS MEETING NOTICESFOR WEEK ENDING: 5/17/85Division 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>
5/21/85 9:00		Willste Room 562	Meeting to discuss monitored retrievable storage (MRS).	R. E. Cunningham (FC) L. C. Rouse (FC) M. Cheston (GAO)	Rouse
5/22/85 8:15	70-734	Willste	Discuss status of review of license #SNM-696 amendment application requesting modification of the radiological and nuclear safety and the environmental surveillance requirements during the planned limited facility operations. (GA Technologies)	Reps of GA Technologies, Inc. and NMSS	Ketzlach
5/22/85		Milwaukee, Wisconsin	To discuss Follow Up Actions Resulting from the Mexican Contamination Steel Incident at the 17th Annual National Conference on Radiation Control.	R. Wilde (FC)	Wilde
5/23/85 9:00		Willste Room 106	Discuss criticality analyses for TMI-2 waste canisters.	Reps of B&W, Bechtel, TMI Office and NRC	Marotta
5/30/85 9:30	72-3	Willste Room 517	Discuss application for ISFSI at HB Robinson 2.	Reps of SAIC, Carolina Power & Light J. Roberts (FC) F. Sturz (FC) C. Billups (NRR) W. Altman (IE)	Roberts

ENCLOSURE P

NMSS MEETING NOTICES

Week Ending: 5/17/85

MAY 17 1985

Division of Waste Management

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICATION</u>	<u>NRC CONTACT</u>
5/22-23/85		Williamsburg, VA Ft. Magruder Inn	To attend ASME Quality Assurance Meeting	MBell	MBell

Division of Safeguards

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
June 3-4		GE Wilmington, NC	To prepare facility attachments for LEU fabrication facili- ties in order to implement IAEA safeguards at that facility	E. Sparks P. Robinson IP	Sparks

ENCLOSURE P



MAY 17 1985

## RES MEETING NOTICES

May 17, 1985

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
5/22		NL-013	Input to NUREG-0956	Contractors NRC staff	Eng
5/20		AR-5033	Discuss relationship of RAP to Tech Spech Improvements	Tech Spec Improvement Group in NRR and DRAO staff	Johnson
5/29-30		NL-013	Cognitive Modelling	Contractor staff	Ryan
5/30		Willste Bldg.	Review code assessment program for FRAPCON-2	RES NRR CDC/UAI	Scott
5/30		P-422	Contractor briefing - LANL, Vital Equipment Determination Techniques Research Study	LANL staff NRR, RES, IE, NMSS & Regional Office staff	Ting
6/4		NL	Review Statistics Handbook	Abramson Frattali	Frattali
6/5-6		PNL	Contract Review (3)	PNL staff Turel	Turel
5/29-31		Vienna, Austria	Technical Committee on Thermal Reactor Safety Research meeting		Minogue

ENCLOSURE P

MAY 17 1985

May 17, 1985

AEOD MEETING NOTICES

<u>DATE/TIME</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES</u>	<u>NRC CONTACT</u>
May 21, 1985 9:00am	LaSalle 1 Illinois	Collect and discuss information on operating events involving the degradation of isolation barriers between the RCS and ECCS.	Peter Lam, AEOD Stuart Rubin, AEOD Region III Staff Resident Inspector	Peter Lam 492-4438

ENCLOSURE P

May 17, 1985

MAY 17 1985

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>
05/20/85 10:00 a.m.		RII Office	Meeting with Vice President Nuclear Production Department, Duke Power Company, to discuss matters of interest	Licensee, Regional Administrator and Deputy Regional Administrator	Grace
11:30 a.m.		RII Office	Meeting with Vice President Nuclear Operations and the Executive Vice President Engineering and Construction, Florida Power Corporation to discuss current plant issues relating to Crystal River	Same as above	Grace
05/23/85 10:00 a.m.		RII Office	Performance Enhancement Program - Turkey Point	Licensee, Deputy Regional Administrator, NRR and RII Staff Members	Olshinski
5/24/85 11:00 a.m.		RII Office	Meeting with Brunswick Plant Manager, Carolina Power & Light Company, to discuss matters of mutual interest.	Licensee, Regional Administrator and Deputy Regional Administrator	Grace
1:00 p.m.		RII Office	Meeting representatives of Georgia Power Company to discuss Hatch examinations	Licensee, Regional Administrator and Selected RII Staff Members	Walker

ENCLOSURE P