

September 24, 1985

For: The Commissioners

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

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING SEPTEMBER 20, 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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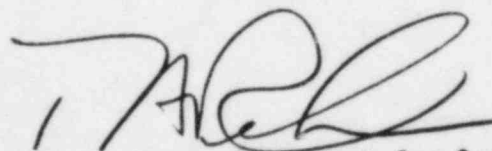
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Enclosure

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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 SEPTEMBER 20, 1985

St. Lucie Plant, Unit 2

At 7:20 pm on September 10, 1985 St. Lucie Plant, Unit 2 was manually tripped as a precautionary measure due to high vibration on RCP 2A2. This is the same RCP that experienced vibration and an oil fire on August 24, 1985. The Unit had experienced a seal failure in the motor prior to the fire. This was repaired and the Unit had returned to power and operated for approximately 24 hours before this manual trip. Examination of the motor has revealed that the same seal was again damaged. The licensee and its consultants and vendor have established a special task team to determine the root cause of this problem. The current outage is expected to last 6 to 10 days.

Section 107 Report to Congress

The Office of Resource Management, OPE and numerous offices are developing a programmatic, objectives-oriented structure for meeting a reporting requirement outlined in Section 107 of the Senate's version of NRC's authorization Legislation for FY 1986/1987 (S.895). This structure will also be used in the Five Year Plan. The report is scheduled to go to Congress shortly after the first of next year.

Annual All Agreement State Meeting

During the period October 8-10, 1985, the Office of State Programs will host the 1985 All Agreement State Meeting. The Directors of the 27 Agreement State radiation control programs will meet at the Holiday Inn of Bethesda. Panel discussions which will include NRC staff will cover the following topics: Low-Level Waste, Materials Licensing and Compliance, Regulations, Radioactivity in Unauthorized Places and Radiation Litigation.

Delinquent Occupational Dose Reports

The Code of Federal Regulations, specifically 10 CFR 20.407, requires certain types of NRC licensees to submit an annual statistical summary of the personnel monitoring information recorded by the licensee for monitored individuals. The report provides the total number of individuals that the licensee monitored for exposure to radiation and indicates the distribution of the doses received by the individuals. About 500 NRC licensees were required to submit such a report for calendar year 1984 by March 31, 1985. As of this date, there are 63 licensees that are delinquent in the submission of this report. A reminder letter is being sent to these licensees advising them that the report is overdue and that unless submitted within 30 days, the matter will be referred to their Regional NRC Administrator for appropriate enforcement action.

OFFICE OF ADMINISTRATION

Week Ending September 20, 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	641	39
Granted	516	26
Denied	140	14
Pending	164	22

ACTIONS THIS WEEK

Received

Eli J. Lake,
(85-627) Requests records relating to nuclear disasters or nuclear accidents and information concerning the actual or potential use or manufacturing of nuclear materials, nuclear weapons, or nuclear related research in the U.S.

Michael Deane,
NUS Corporation
(85-628) Requests copies of SECY-85-208; procedures used by OI regarding the rights of utility employees; and minutes from past Regulatory Requirements Review Committee meetings.

Nina Bell,
Nuclear Information and Resource Service
(85-629) Requests three categories of records related to notices and hearings for source materials licenses.

Nina Bell,
Nuclear Information and Resource Service
(85-630) Requests copies of records related to the Sequoyah facility in Gore, Oklahoma, to convert depleted uranium hexafluoride to depleted uranium tetrafluoride.

Nina Bell,
Nuclear Information and Resource Service
(85-631) Requests all records regarding the environmental assessment relating to the license amendment for the Sequoyah facility in Gore, Oklahoma, to convert depleted uranium hexafluoride to depleted uranium tetrafluoride.

Nina Bell,
Nuclear Information and Resource Service
(85-632) Requests all records related to correspondence between NRC and Kerr-McGee regarding the Sequoyah facility prior to the September 23, 1969, license application and the license renewal application submitted in September 1982 and revised in October 1983.

ENCLOSURE A

CONTACT: J. M. Felton
492-7211

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Received, Cont'd

Diana R. Jackson, SAI (85-633)	Requests a copy of the proposal submitted under RFP RS-NRR-85-052.
Jean Whitney, The Keenan Corporation (85-634)	Requests a set of gummed mailing labels for IE Information Notices issued by the Division of Emergency Preparedness and Engineering Response.
Pamela Jarvis, Colorado State University (85-635)	Requests gummed mailing labels for five categories of records.
Steven Aftergood, Committee to Bridge the Gap (85-636)	Requests copies of SECY-85-152, the application for award of attorney fees, and the order approved by the Commission disposing of the application.
John D. Crandall, State of Iowa (85-637)	Requests five copies of the 10 and 50 mile radius maps for the Duane Arnold nuclear power plant.
Henry Barru (85-638)	Requests records identifying locations of reactors, radioactive materials storage facilities, processing facilities, and radioactive waste disposal facilities.
Rod Buckles, NUS Corporation (85-639)	Requests that the NRC provide to NUS remote accessibility to its computerized document control system.
Patty Day, NUS Corporation (85-640)	Requests all records pertaining to the historical background of 10 CFR 50.59.
Michael O'Mealia, Doc-Search Associates (85-641)	Requests records containing pass/fail statistics for licensing and requalification examinations given to RO and SRO candidates since the issuance of SECY-84-81C, dated December 13, 1984.

Granted

Alanson Bowen, E.I. Du Pont de Nemours & Company (85-266)	In response to a request for copies of all background materials on the proposed sale of a reactor by Union Carbide to Hoffman-LaRoche and the hearing date, made available three records. Informed the requester that two additional records are already available at the PDR.
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ENCLOSURE A

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Granted, Cont'd

John I. Riesland
(85-521)

In response to a request for a nonproprietary listing of shipping dates of fresh fuel shipments to nuclear power facilities, made available a computer printout.

Eric R. Smith,
NUS Corporation
(85-553)

In response to a request for the meeting minutes, notes, transcript, and handouts from a July 23-24, 1985, CRGR meeting regarding IST/ISI Pump and Valve Programs, informed the requester that there was no meeting of the CRGR on July 23, 1985, that no transcript was made at the July 24 meeting, and that no handouts were distributed at the July 24 meeting, with the exception of six records available at the PDR.

Stephen H. Hanauer,
Technical Analysis
Corporation
(85-582)

In response to a request for copies of Power Plant Examination Results Summary Sheets for examinations given before the issuance of the operating license for 10 listed power plants, made available summary sheets for five of the plants. Informed the requester that the summary sheets for the remaining five plants were destroyed prior to receipt of his request.

Mary Louise Wagner,
McGraw-Hill
Publications Co.
(85-604)

In response to a request for a copy of SECY-85-237, made available a copy of the requested paper.

Andrea L. Kronzek,
FOI Services, Inc.
(85-606)

In response to a request for a copy of the application for license amendment filed by New England Nuclear Corporation regarding extension of the pre-calibration time on technitium 99m generators, made available two records.

Andrew Fischman,
Charles E. Simon
and Company
(85-609)

In response to a request for all records related to an application submitted by Mars, Inc., or Kalkan for use of an irradiation process for the sterilization of pet food at a new Kalkan pet food processing facility, informed the requester that the NRC has no records subject to this request.

Teresa S. Barnhart,
NTEU Steward
(85-622)

In response to a request for a list of awards that were presented to employees in the Office of Administration from January 1, 1984, through September 1, 1985, made available the requested list.

Lyle Graber,
NUS Corporation
(85-622)

In response to a request for the August 1985 memorandum with enclosures from Victor Stello to William Dircks regarding the Meeting Minutes from CRGR Meeting Number 79, informed the requester that records subject to this request are already available at the PDR.

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Denied

Brian B. Smith,
Stark and Gordon
(85-140)

In response to a request for three categories of records related to an NRC inspection of clinics run by Dr. Ramasami Gunabalan in the Detroit, Michigan, area, made available two records. Denied three records in their entirety, release of which could allow those being investigated to learn the scope, direction, and focus of investigatory efforts, and thus could possibly allow them to take action to shield potential wrongdoing or a violation of NRC requirements from investigators. Denied one record in its entirety and portions of one record because they were compiled as part of an ongoing enforcement proceeding and disclosure would constitute a clearly unwarranted invasion of personal privacy.

Billie P. Garde,
Government
Accountability
Project
(85-342)

In response to a request for records related to the March 22, 1985, letter from Mr. C. E. Norelius, Region III, and Mr. James W. Cook, Consumers Power Company, regarding the January 10, 1985, Brookhaven National Laboratory Report concerning the allegation, of Mr. E. Earl Kent, informed the requester that records subject to this request are already available at the PDR. Denied two records in their entirety, disclosure of which would interfere with an enforcement proceeding.

Susan Grossberg,
Harmon, Weiss
& Jordan
(85-560)

In response to a request for 11 categories of records relating to Inspection Report No. 50-443/84-12 and 50-444/84-06 for the Seabrook nuclear power plant, made available 12 records. Informed the requester that one additional record subject to this request is already available at the PDR. Denied one record in its entirety, disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

Charles Barnes
(85-569)

In response to a request for records maintained in Docket 40, SUA-809, and Docket 40, SUA-797, made available 67 records. Denied portions of four records, disclosure of which would constitute a clearly unwarranted invasion of personal privacy. Suggested that he also contact the States of Colorado and Oregon.

WEEKLY INFORMATION REPORT
DIVISION OF CONTRACTS
WEEK ENDING SEPTEMBER 20, 1985

CONTRACT AWARDED

RFP No.: RS-NRR-85-054

Title: "Development of an NRC Simulation Facility Evaluation Program"

Description: The contract objectives are to develop, refine and validate criteria and methodology for the review of nuclear power plant simulation facilities; recommend size and make-up of a review team; and develop a schedule for conduct of review. Work will include a review of applicable literature; development of a methodology; testing this methodology through conduct of actual simulation facility reviews and preparation of detailed recommendations.

Period of Performance: Basic - 14 months with an option for an additional 6 months.

Sponsor: Office of Nuclear Reactor Regulation

Status: Cost-Plus-Fixed-Fee contract awarded to Micro Analysis & Design in the amount of \$345,214 effective September 16, 1985.

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ENCLOSURE A

OFFICE OF NUCLEAR REACTOR REGULATION

ITEMS OF INTEREST

Week Ending September 20, 1985

Byron 1

On September 10, 1985, Byron 1 completed its initial test program. We anticipate that the licensee will send in a letter stating that Byron 1 achieved commercial operation on September 10. The plant is being limited to 92% power to prevent moisture carryover to the turbine. The licensee is planning a shutdown in November 1985 to modify the moisture separators in the steam generators so that the plant can be run at 100% power. During this outage, the licensee also intends to make the equipment replacements necessary to satisfy the license condition dealing with equipment qualification. The license condition requires that all electrical equipment within the scope of 10 CFR 50.49 be environmentally qualified by November 30, 1985.

Cherokee Units 1, 2, and 3

On September 12, 1985, the NRC, at the request of the permit holder, Duke Power Company, revoked the Construction Permits for Cherokee 1, 2, and 3. The plants had been cancelled by Duke in 1982 and 1983.

Clinton Power Station, Unit 2

On September 11, 1985 an Order revoking the Construction Permit for Clinton Power Station, Unit 2 was sent to the Illinois Power Company. The authorization for this Order was issued by the Atomic Safety and Licensing Board on July 11, 1985 per the May 17, 1985 request of the Illinois Power Company.

St. Lucie Plant, Unit 2

At 7:20 pm on September 10, 1985 St. Lucie Plant, Unit 2 was manually tripped as a precautionary measure due to high vibration on RCP 2A2. This is the same RCP that experienced vibration and an oil fire on August 24, 1985. The Unit had experienced a seal failure in the motor prior to the fire. This was repaired and the Unit had returned to power and operated for approximately 24 hours before this manual trip. Examination of the motor has revealed that the same seal was again damaged. The licensee and its consultants and vendor have established a special task team to determine the root cause of this problem. The current outage is expected to last 6 to 10 days.

ENCLOSURE B

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San Onofre Nuclear Generating Station, Unit 1

On September 13, 1985 the NRC staff met with the licensee and discussed the possible need for inspection of additional diesel engine crankshaft journals. The licensee presented new information which showed a much slower growth rate of postulated cracks in crankshaft journal #12. Based upon the licensee's presentation, the staff concluded that immediate inspection of journal #12 was not required. The licensee will fully inspect each engine during the refueling outage scheduled for November 30, 1985.

San Onofre Nuclear Generating Station, Unit 2

At 1:25 pm EST, on September 12, 1985, San Onofre Unit 2 tripped from 100% power due to a turbine trip. The turbine trip was caused by a disintegrated generator exciter slip ring which caused an electrical fire in the generator exciter enclosure. An unusual event was declared, and the site fire brigade and the San Clemente Fire Department responded. The fire was extinguished by a CO₂ system inside the exciter enclosure, and reactor shutdown proceeded as expected. The unusual event was terminated within an hour of its declaration. There does not appear to be a safety concern, but the plant will probably be down for some time for repairs. Unit 3 is scheduled to shutdown for its first refueling outage on September 20, 1985.

Grand Gulf, Unit 1

The Mississippi Public Service Commission has granted Mississippi Power & Light Company rate increases totaling 49% over an 8 year interval. The initial increase in the first year is expected to total \$68,000,000.

River Bend

On September 13, 1985, the ACRS met to discuss issues relevant to its report (full power) on the application by Gulf States Utilities for the River Bend Station. At the close of the meeting, the ACRS states that it would be issuing a favorable full power letter but it would include a request for an update in one year on the issue of emergency procedures for containment venting and a request to review the results of the research by the hydrogen control owners group on degraded core accidents for BWR reactors.

The Commission is currently scheduled to meet on October 9, 1985, to consider the full power license for River Bend.

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NRC TMI PROGRAM OFFICE WEEKLY STATUS REPORT

WEEK ENDING SEPTEMBER 20, 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 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 Internal Indexing Fixture in preparation for defueling.
- 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 71°F to 89°F with an average of 79°F. Average cold leg temperature is 53°F.
- The average reactor building temperature is 56°F. The reactor building airborne activity is 3.5 E-7 uCi/cc Tritium and 8.9 E-10 uCi/cc particulate, predominantly Cesium 137.

2. WASTE MANAGEMENT

- The Submerged Demineralizer System (SDS) was shutdown during this period.
- EPICOR II commenced processing batch 266 from Condensate Tank 1A (COT-1A). To date 49,955 gallons from this batch have been processed.
- Total volume processed through SDS to date is 2,963,375 gallons, and the total volume processed through EPICOR II is 2,656,937 gallons.

ENCLOSURE B

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3. DOSE REDUCTION/DECONTAMINATION ACTIVITIES

- Decontamination activities are continuing on the 281' level of the auxiliary building.
- 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.

4. NEW RIVER WATER SAMPLING POINT

- Since July 19, 1985, the EPA has sampled the Susquehanna River water prior to the water entering TMI. A one gallon sample is taken over 24 hours by a metering pump at the inlet to the Unit 1 water pre-treatment system. This one gallon sample is collected daily and analyzed. A portion is composited with like quantities from the other six days of the week. The sample will be used to verify the source of activity in the TMI site outfall water samples. In the past some radionuclides in the river water taken into the plant have caused concern until the source was determined not to be TMI but due to an upstream medical administration.

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 intake from the river consisted of seven daily composite samples taken from August 31 to September 7, 1985. The gamma scan for the seven day composite was negative. Daily composites for two samples taken between September 2 and 3 and September 5 and 6, 1985 detected a trace of Iodine-131.
- TMI water samples taken by EPA at the plant discharge to the river consisted of seven daily composite samples taken from August 31 to September 7, 1985. Two 24 hour composite samples, one taken between September 2 and 3, 1985 and the other taken between September 5 and 6, 1985 each detected a trace of Iodine-131. Essentially the same concentration of Iodine-131 was detected by the upstream sampler. This indicates that the Iodine-131 was taken into the plant from the river and the plant was not the source. No reactor related activity was detected. The detected concentration of Iodine-131 was less than 1% of the NRC allowable limit for release to unrestricted areas.
- The Lancaster water sample taken at the water works intake and analyzed by EPA consisted of a seven day composite sample taken from September 1 to September 7, 1985. A gamma scan detected no reactor related radioactivity.

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- The NRC outdoor airborne particulate sampler at the TMI Site collected a sample between September 4 and September 11, 1985. 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

- Defueling Water Cleanup System (DWCS) preoperational testing and modification continued.
- Installation of cable tray shielding continued.
- Preoperational testing of the reactor building sump recirculation system components is in progress. The system is expected to be operable this week.
- Work is in progress on the canister positioning system and canister handling bridge.

7. AUXILIARY AND FUEL HANDLING BUILDING ACTIVITIES

- Installation of the DWCS continued. Partial DWCS turnover for processing RCS during early defueling is expected to be completed in October.
- All four of the fuel canister storage racks have been delivered to the TMI site and inspected. Critical welds and those welds which would have engaged the dunnage during shipping were examined on the fourth canister storage rack to be delivered onsite. Penetrant testing (PT) was used for examination of the welds and revealed eight welds with identifiable defects. However, some of these defects would have been discernible through visual examination. GPU performed a visual examination of all welds on the fourth rack delivered. This examination revealed about 50 linear indications. Subsequent PT of about 10% of these linear indications did not reveal any PT indications of cracking or any other deleterious effects in the welds. The eight positive indications were ground in such a manner as to fully expose the defect.

The first rack delivered onsite was layed on its side and internal welding was visually examined by an inspector crawling inside the affected modular cells. Two visual indications were noted but subsequent PT examination revealed that the indications were not significant.

The third rack which has not shown any indications of questionable welds is being prepared for installation in the "A" spent fuel pool. The installation is tentatively scheduled for the week of September 23, 1985.

Further examinations and evaluations are being performed. A completion date to affect repairs has not been determined.

ENCLOSURE B

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8. NRC EVALUATIONS IN PROGRESS

- Technical Specification Change Requests numbers 48, 49, and 50.
- Recovery Operations Plan Change numbers 29, 31, and 32.
- Fuel Canister Technical Evaluation, Revision 1.
- Defueling Safety Evaluation.
- Application for seismic exemption.
- SDS Technical Evaluation and System Description Update.
- Core Stratification Sample Safety Evaluation.
- Heavy Load Handling Safety Evaluation Report.

9. PUBLIC MEETING

The next meeting of the Advisory Panel is scheduled for October 1985 in Harrisburg, Pennsylvania. Exact date and location for this meeting will be announced at a later date.

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.

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending September 20, 1985

Near-Term NRC Actions Under the NWPA

Section: 121(a): EPA Final High-Level Waste Standards

Action: EPA signed its final high-level waste standards on August 15, 1985.

Status: EPA final high-level waste standards will be published in the Federal Register on Thursday, September 19, 1985 (FR 2870-3), and will become effective 60 days later. Staff will review the NRC's high-level waste criteria for conformance with EPA standards and will provide a proposed rule to the Commission by December 1985.

Section: 134 of NWPA: Hybrid Hearings

Action: The Commission voted to approve the final rule establishing procedures for expansion of onsite spent fuel storage capacity or transshipment of fuel on September 5, 1985.

Status: Staff is currently awaiting the staff requirements memo to prepare the final rule for publication in the Federal Register.

Section: 301 of NWPA: DOE Mission Plan

Action: NRC testified before Senate and House committees concerning the Mission Plan on Thursday and Friday, September 12 and 13, 1985.

Status: NRC has been requested to testify concerning the Mission Plan and other high-level radioactive waste topics before the Senate Subcommittee on Nuclear Regulation (Simpson) on October 29, 1985.

NFS-Erwin

Strike by OCAW members continues. NFS is conducting limited operations of the HEU production, scrap recovery and R&D facilities. No problems with operations have arisen to date.

ENCLOSURE C

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NRDC Hearing

On September 18, 1985 staff provided ELD with a draft memorandum to the Commission requesting that the NRDC Hearing concerning NFS-Erwin be terminated, since the licensee had met all of the requirements as stipulated in the 1983 Joint Agreement. A set of all the applicable backup documents was also provided to ELD. Mr. Fonner now has the lead for this final action in the NRDC Hearing.

Criticality Safety in Storage of Fissile Material, Jackson, Wyoming

The ANS Nuclear Criticality Safety Division sponsored a topical meeting on Nuclear Criticality Safety during the period of September 9-12, 1985. Papers were presented by authors from the US, Japan, England, and France on the subject of experiments, data applications, and calculations. NMSS attendees were George Bidinger, Chairman of the opening session, and Norman Ketzlach.

Foreign Visitors

On September 17, 1985, representatives of FC and RES met with Messrs. Chalabreysee and Camarasa of the Service D'hygiene Industrielle, Commissariat a l'Energie Atomique, France, to discuss current research and regulatory experience with uranium. This visit was part of a series of meetings to be held by the French representatives with NRC, NRC licensees, DOE, and several national laboratories.

Kerr-McGee

A prehearing conference was held September 11, 1985, in Bethesda, Maryland, on the Kerr-McGee West Chicago Rare Earths Facility Proceeding and on the Kress Creek Decontamination Proceeding. In the Kress Creek Proceeding, the staff filed a motion to hold the proceeding in abeyance pending a determination by the United States Environmental Protection Agency to take such actions as it deems appropriate under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 ("CERCLA" or "Superfund").

ENCLOSURE C

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OFFICE OF INSPECTION AND ENFORCEMENT
Items of Interest
Week Ending September 20, 1985

1. The following Significant Enforcement Actions were taken during the past week:
 - a. EN 85-62, a Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$500 was issued September 16, 1985 to Kay-Ray, Inc. (Arlington Heights, IL). This action is based on an extremity exposure of 19.61 rems to one licensee employee in excess of the 18.75 rems regulatory limit.
 - b. EN 85-63, a Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$3,750 was issued September 16, 1985 to Metro Health Center (Erie, PA). This action is based on multiple violations that represent a breakdown in management oversight and control of the radiation safety program.
2. The following IE Preliminary Notifications were issued during the past week:
 - a. PNO-III-85-82, Northern States Power Company (Prairie Island), Bomb Threat.
 - b. PNO-III-85-83, Detroit Edison Company (Fermi Unit 2), Cracks in Non Safety-Related Steam Bypass Line.
 - c. PNO-IV-85-47, Arkansas Power and Light Company (Arkansas Nuclear One Unit 2), Outage Greater Than Two Days.
 - d. PNO-IV-85-48, Arkansas Power and Light Company (Arkansas Nuclear One Unit 2), Outage Greater Than Two Days.
 - e. PNO-V-85-57A, Southern California Edison, Inc. (San Onofre Unit 2), Unit 2 Shutdown on September 12, 1985, Due to a Fire in the Turbine Generator Enclosure, Update as of September 13, 1985.
 - f. PNO-V-85-58, Arizona Nuclear Power Project (Palo Verde Unit 1), Unusual Event Associated with a Planned Load Rejection Test at Unit 1.
 - g. PNO-V-85-59, Arkansas Nuclear Power Project (Palo Verde Unit 1), Reactor Trip With Subsequent Safety Injection (PNO-V-85-58 Update).
 - h. PNO-V-85-60, Pacific Gas and Electric; Southern California Edison (San Onofre; Diablo Canyon), Pacific Coast Tsunami Watch.
 - i. PNO-V-85-61, Providence Hospital (Anchorage, AL), Teletherapy Source Retraction Problem.
 - j. PNS-V-85-04, Sacramento Municipal Utility District (Rancho Seco), Unusual Event.

ENCLOSURE D

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3. The following IE Information Notices were issued during the past week:

- a. IE Information Notice 85-76, Recent Water Hammer Events, was issued September 19, 1985 to all nuclear power reactor facilities holding an operating license or a construction permit.

4. Other Items

a. Incident Response

- (1) The Chief, Incident Response Branch, Division of Emergency Preparedness and Engineering Response attended the Federal Radiological Preparedness Coordinating Committee (FRPCC) meeting on September 17, 1985 in Bethesda, MD.
- (2) The Chief, Incident Response Branch and staff member attended the FRPCC Subcommittee Response meeting on September 19, 1985 in Bethesda, MD.
- (3) On September 20, 1985, the Chief, Incident Response Branch and staff member attended a Relocation Tabletop Exercise management meeting in Philadelphia, PA.
- (4) Members of the Incident Response Branch attended a contractor review meeting with INEL in Idaho Falls, Idaho on September 19-20, 1985.
- (5) The Incident Response Branch sponsored two 1-day seminars in Bethesda, MD conducted by Combustion Engineering for the Reactor Safety and Protective Measures Teams. These seminars discussed Degraded Core Scenarios, Emergency Operating Procedures and Assessing Core Damage Using the Post Accident Sampling Systems and Other Indicators.

b. Operations Center

The Chief, Incident Response Branch, Division of Emergency Preparedness and Engineering Response conducted a tour of the NRC Operations Center on September 19, 1985 for visitors from Finland. This tour discussed the agency's incident response program.

c. Construction Appraisal Team (CAT) Inspection

The exit meeting for the CAT inspection for the Bryon Unit 2 plant with the licensee, Commonwealth Edison, was conducted September 20, 1985.

ENCLOSURE D

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d. Emergency Preparedness

Representatives from the Emergency Preparedness Branch, Division of Emergency Preparedness and Engineering Response, and ELD are observing the emergency preparedness exercise at Waterford this week.

e. Vendor Inspection Program

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

- (1) Nuclear Energy Services, Danbury, CT - to review steam generator nozzle dams to be used during the Ft. Calhoun outage.
- (2) Westinghouse Nuclear Technology Division, Pittsburgh, PA - to observe the HELB test on a 600 HP Emergency Injection Charging Pump Motor.
- (3) Wyle Laboratory, Huntsville, AL - to observe test of Davis-Besse safety relief valves manufactured by Dresser Industries.
- (4) J. T. Ryerson & Son, Inc., Chicago, IL - 10 CFR Part 21 report by Calvert Cliffs. The plant purchased 17-4 PH stainless steel bar and was supplied 316 stainless steel instead.
- (5) Gessellschaft fur Nuclear-Service MbH, Essen, West Germany - to review the implementation of GNS's QA program pertaining to the fabrication of VEPCO's CASTO Dry Spent Fuel Storage/Transport Casks.

f. PRA For Inspection Applications

The first course in PRA for Inspection Applications was given last week in Chattanooga. The course was developed by IE in cooperation with RES and MDTs. Representatives from all regions and from IE Headquarters with direct inspection functions attended the course. The course emphasizes practical ways to use available PRA information to focus on the most significant safety issues in planning inspections. The next course is planned for January 1986.

g. Requalification Test Program of IS-UT Personnel

Representative of the Engineering and Generic Communications Branch, Division of Emergency Preparedness and Engineering Response, was at the EPRI-NDE Center, Charlotte, NC this week to review the ongoing requalification testing and earlier results of the requalification test program of ISI-UT personnel.

ENCLOSURE D

h. Davis-Besse

The Engineering and Generic Communications Branch, Division of Emergency Preparedness and Engineering Response, at the request of Region III, arranged for and participated in a joint meeting on the pipe supports at the Davis-Besse power plant in Bethesda on September 18, 1985. The participants were representatives of IE, Region III, and NRR.

i. Outage Design And Outage Vendor Inspection

IE personnel and consultants began the Fort Calhoun Outage Design Inspection and Outage Vendor Inspection September 16, 1985. Both inspections are part of the Trial Outage Inspection Program which will be conducted at the Fort Calhoun and Dresden Units.

j. Quality Assurance

- (1) Representatives of the Quality Assurance Branch, Division of Quality Assurance, Vendor, and Technical Training Programs, visited the Millstone 3 site on September 18 and 19, 1985 to inspect Engineering Assurance Program activities.
- (2) Representatives of the Quality Assurance Branch met with Houston Power and Lighting Company on September 17, 1985 in Bethesda, MD to discuss South Texas Engineering Assurance Program activities.
- (3) A representative of the Quality Assurance Branch attended the ASME Code Section III meetings, Working Group on Quality Assurance and Stamping and Subgroup General Requirements, September 17-18, 1985.

k. Problems With Maintenance Program for Anker-Holth Snubbers

Energy Products notified NRC Headquarters by letter on August 29, 1985 of a problem with the maintenance program for Anker-Holth snubbers. The problem concerns the Technical Maintenance Instructions provided by Anker-Holth at the time of snubber delivery. These have been determined to be inconsistent with current industry standards for maintenance procedures for snubber seals and fluids. The possibility exists that seal and fluid degradation may occur in these snubbers over extended periods of time. Owners of these snubbers have been notified that these potential problems exist and that the Technical Instruction Manuals for these will be revised in the near future.

ENCLOSURE D

l. High-Level Waste Solidification

Representative of Safeguards Materials Program Branch, Division of Inspection Programs was in West Valley, NY this week to observe DOE-High Level Waste Solidification Process as a background for developing IE monitoring procedures.

m. ANSI Meeting

Representatives of Safeguards Materials Program Branch, Division of Inspection Programs attended the ANSI N-14 Committee Meeting on Packaging and Transportation Issues at the Hyatt Regency at Capitol Hill this week.

ENCLOSURE D

SEP 20 1985

OFFICE OF NUCLEAR REGULATORY RESEARCH

Items of Interest

Week Ending September 20, 1985

International Code Assessment and Applications Program (ICAP)

The NRC hosted an information meeting April 23-26, 1985 for a proposed coordinated international effort on the assessment of the thermal-hydraulic transient codes TRAC PF1/MOD1, RELAP5/MOD2 and TRAC-BD1/MOD1. RES extended an invitation on July 22, 1985 to participate in this collaborative endeavor to Austria, Belgium, Finland, France, Federal Republic of Germany, Italy, Korea, Netherlands, Spain, Sweden, Switzerland, Taiwan, the United Kingdom and the Commission of the European Communities. The basis of the program is a series of bilateral exchange agreements between NRC and the different countries covering the approximate period 1985-1990. The first meeting of the ICAP Program Group is scheduled to be held on October 21, 1985 at the Holiday Inn in Gaithersburg to review administrative management for the program.

TRAC-PWR Program Review

On September 9-10, RES staff met with TRAC-PWR code developers and code assessors at Los Alamos National Laboratory (LANL) and Sandia National Laboratory (SNL) to review the status of the program.

RES staff discussed with the code developers the mechanisms which could be used to address code problems identified through the various international and domestic programs that utilize the TRAC-PWR code. LANL will propose a mechanism which will streamline the process of "trouble shooting" user identified needs and will ensure that all such needs are documented and appropriately responded to.

ENCLOSURE E

SEP 20 1985

Conference on Potential Beneficial Effects of Low-Level Irradiation

Certain experiments have indicated that animals irradiated with low-level ionizing radiation survive longer than unirradiated controls. Such a stimulatory effect, also noted with toxic chemicals, has been termed "hormesis," and refers to a beneficial biological effect of an agent administered at low doses or dosages which is normally toxic at higher doses or dosages.

Dr. Jerome Puskin, biophysicist with the RES Health Effects Branch, attended a conference on radiation hormesis sponsored by the Electric Power Research Institute and the Northern California Sections of the American Nuclear Society and the Health Physics Society which was held August 14-16 in Oakland, California. Data were presented at the meeting pertaining to enhancement effects on microorganisms, human cells, plants, animals and humans. However, while fairly strong evidence was presented in support of stimulating effects on the growth of microorganisms and plants, it was Dr. Puskin's opinion that there was no convincing evidence presented for any beneficial effects of low-level radiation in higher animals and humans.

Contact: R. E. Alexander
74370

Delinquent Occupational Dose Reports

The Code of Federal Regulations, specifically 10 CFR 20.407, requires certain types of NRC licensees to submit an annual statistical summary of the personnel monitoring information recorded by the licensee for monitored individuals. The report provides the total number of individuals that the licensee monitored for exposure to radiation and indicates the distribution of the doses received by the individuals. About 500 NRC licensees were required to submit such a report for calendar year 1984 by March 31, 1985. As of this date, there are 63 licensees that are delinquent in the submission of this report. A reminder letter is being sent to these licensees advising them that the report is overdue and that unless submitted within 30 days, the matter will be referred to their Regional NRC Administrator for appropriate enforcement action.

ENCLOSURE E

SEP 20 1985

Final Rule Signed by EDO

On September 4, 1985, the Executive Director for Operations approved a final rule which revises 10 CFR 50.55a, Codes and Standards. This final rule updates the reference that incorporates the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code) into the NRC regulations. The updated reference incorporates into the rule the Winter 1982 Addenda, Summer 1983 Addenda, Winter 1983 Addenda, Summer 1984 Addenda and 1983 Edition of Section III, Division 1, and the Winter 1982 Addenda, Summer 1983 Addenda, and 1983 Edition of Section XI, Division 1, of the ASME Code.

Public Comment Period Closes on Rulemaking to Modify General Design Criterion 4

Twenty-one public comments were received from utilities, industry groups, architect-engineering firms and reactor vendors addressing the proposed rule allowing exclusion from compliance with GDC-4 requirements of certain pipe ruptures in the primary loops of PWRs when supported by acceptable analyses. Each commentor endorsed the proposed rule or the intent of the rule. Several minor issues were raised which are being treated in the preparation of the final rule scheduled to reach the Commissioners in December, 1985.

Managers' and Technicians' Perceptions of NPP Health Physics Tech Job Compared

Brookhaven National Laboratory, under contract to the NRC/RES is publishing NUREG/CR-4364, "Management Perceptions of the Health Physics Technician Job." This study is a follow-up to the 1984 industry-wide job analysis of nuclear power reactor health physics technicians. The 1984 job analysis identified 389 specific tasks which were important, difficult and performed frequently and thus should constitute the elements of effective training programs. The job analysis provides comprehensive guidance for the development and evaluation of health physics technician training programs and job incumbent qualifications.

The follow-up consisted of having the managers of the health physics technicians at NPP's complete the same job analysis questionnaire used in the 1984 study. Managers' perceptions of the task difficulty, importance and frequency of performance were compared to the perceptions of the job incumbents.

Results indicated that there is strong agreement between the managers and technicians as to what constitutes the health physics technician job. A secondary conclusion is that the supervisor/manager responses validated the health physics technician job analysis.

U.S. and Foreign NPP Dose Experience Compared

Brookhaven National Laboratory (BNL), under contract with RES/NRC, is publishing NUREG/CR-4381, "Comparative Assessment of U.S. and Foreign Nuclear Power Plant Dose Experience." This report is a BNL analysis of extensive data accumulated at the 1984 BNL International Workshop on Dose Experience and Dose Reduction (ALARA) at Nuclear Power Plants.

The BNL analysis concludes that large differences in collective dose exist between countries and also between comparable plants within countries, with the U.S. experiencing the higher doses in all categories. The report identifies and analyzes fourteen factors in addition to plant age which contribute to the dose differences: plant chemistry, water purification, special tooling, low cobalt and nickel materials, primary system decontamination, required multiplant actions, use of permanent work force, passivation of primary systems, management commitment to dose control, multiplant sites, design for ALARA, quality assurance, standardization, and shielding.

In addition to providing explanations for the higher U.S. doses, the report identifies the major areas of plant design, operation and maintenance where significant dose reductions could be realized.

RES Rulemaking Activities

Decommissioning Rule Amendments: Categorization and analysis of the 136 public comments thus far received is continuing. Potential consultants having expertise in tax, accounting, legal and related areas have been contacted to supply aid in preparing resolutions of some complex public comments.

10 CFR 50, Appendix J: Subject to satisfactory resolution of certain comments and concerns the CRGR recommended that the EDO forward Appendix J and Regulatory Guide MS 021-5 to the Commission for its review and approval to issue a Federal Register Notice for public comment. A Commission package is now being prepared.

GDC-4: The proposed, limited scope, interim rule was published in the Federal Register--July 1, 1985 (50 FR 27006). The comment period ended September 2, 1985. Twenty-one generally favorable comments have been received and the staff is working on resolution of the comments. The broad scope rule was approved by ELD and is now at NRR for concurrence.

Emergency Preparedness for Fuel Cycle and Other Radioactive Material Licensees: Rulemaking package in concurrence chain. Discussions with staff of NRC, IE, and ELD indicate concurrence is likely from these offices. We expect to submit the rulemaking package to the EDO by September 30.

CONTACT: Mort Fleishman, DRAO

ENCLOSURE E

SEP 20 1985

Publications to be Issued in the Near Future

Title: Standard Format and Content for the Safety Analysis Report for an Independent Spent Fuel Storage Installation (Water-Basin Type) (Draft Regulatory Guide - Proposed Rev. 2 to R.G. 3.44)

Contact: W. R. Pearson
443-7663

Title: Standard Format for the Safety Analysis Report for an Independent Spent Fuel Storage Installation (Dry Storage) (Draft Regulatory Guide - Proposed Rev. 1 to R.G. 3.48)

Contact: W. R. Pearson
443-7663

Title: Guidance on Preparing a License Application to Store Spent Fuel and High-Level Radioactive Waste (Draft Regulatory Guide - Proposed Rev. 1 to R.G. 3.50)

Description: This guide suggests a format acceptable to the NRC staff for submitting information specified in Part 72 for a license application to store spent fuel or high-level radioactive waste.

Contact: W. R. Pearson
443-7663

Title: Monitoring and Reporting Radioactivity in Releases of Radioactive Materials in Liquid and Gaseous Effluents from Nuclear Fuel Processing and Fabrication Plants and Uranium Hexafluoride Production Plants (R. G. 4.16, Rev. 1)

Description: Provides guidance on effluent monitoring programs and associated data reporting for uranium fuel fabrication plants and uranium hexafluoride production.

Contact: W. R. Pearson
443-7663

Title: Format and Content of Decommissioning Plans for 10 CFR 30, 40 and 70 Licensees (Draft Regulatory Guide)

Description: Guidance identifying and presenting a format for submitting information needed by the NRC staff for reviewing decommissioning plans submitted by 10 CFR Parts 30, 40, and 70 licensees.

Contact: C. R. Mattsen
443-7910

SEP 20 1985

ENCLOSURE E

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING SEPTEMBER 20, 1985

International Meetings

The following international meeting notices supplement those previously announced:

October 14-18, 1985, Vienna, Austria - IAEA Working Group to Finalize a Manual on the Maintenance of Systems and Components Important to Safety as a Supplement Document to the Safety Guide 50-SG-07

October 28-31, 1985, Vienna, Austria - IAEA Meeting of Scientific Program Committee to Prepare for June 1986 International Symposium on Packaging and Transport of Radioactive Materials

November 11-15, 1985, Vienna, Austria - IAEA Technical Committee to Prepare a Safety Document on the Assessment of Occupational Intake of Radioactive Materials

November 11-22, 1985, Vienna, Austria - IAEA Working Group Meeting to Prepare the First Draft of a State of Art Report on Safety Aspects of Nuclear Power Plant Aging

December 10-12, 1985, Bombay, India - IAEA Specialists Meeting on Load Following Control of Nuclear Power Plant Including Availability Aspects

June 23-27, 1986, FRG - IAEA Seminar on Operations Procedure for Abnormal Conditions in Nuclear Power Plants

Foreign Trip Reports

Joseph Muscara, MEB/NRR
September 24-October 19, 1984; Visited Italy, Sweden, and the FRG:

Mr. Muscara participated in and chaired the Steam Generator Group Project's Technical Advisory Group (TAG) meeting held in Rome. He also attended the NEA CSNI specialist meeting on Steam Generator Problems in Stockholm, and participated in meetings of the NEA CSNI, PISC, and NDE Reliability Group held in Florence, Italy.

Donald R. Hopkins, Senior Health Physicist, DRA/RES
July 8-12, 1985; Visited Austria:

Mr. Hopkins attended the IAEA Advisory Group Meeting to Revise Advisory Material for the Application of the IAEA Transport Regulations.

ENCLOSURE G

SEP 20 1985

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING SEPTEMBER 20, 1985

Annual All Agreement State Meeting

During the period October 8-10, 1985, the Office of State Programs will host the 1985 All Agreement State Meeting. The Directors of the 27 Agreement State radiation control programs will meet at the Holiday Inn of Bethesda. Panel discussions which will include NRC staff will cover the following topics: Low-Level Waste, Materials Licensing and Compliance, Regulations, Radioactivity in Unauthorized Places and Radiation Litigation.

Uranium Mill Tailings Reclamation

James Petersen, OSP, met with URFO and NMSS Waste Management staff in Denver, September 16-18, 1985. The group reviewed financial arrangements provided by each uranium mill licensee to reclaim mill tailings in accordance with 10 CFR 40, Appendix A. Findings will be presented to URFO in written reports from Headquarters staff.

ENCLOSURE H

SEP 20 1985

OFFICE OF RESOURCE MANAGEMENT

Items of Interest

Week Ending September 20, 1985

Section 107 Report to Congress

The Office of Resource Management, OPE and numerous offices are developing a programmatic, objectives-oriented structure for meeting a reporting requirement outlined in Section 107 of the Senate's version of NRC's authorization Legislation for FY 1986/1987 (S.895). This structure will also be used in the Five Year Plan. The report is scheduled to go to Congress shortly after the first of next year.

Generic Issue Management System

At the direction of the EDO, the Office of Resource Management has been coordinating the development of agencywide information requirements to be included in a new automated system. The system will assist in the management of power reactor generic safety issues/items from the time they are identified until the time requirements have been implemented and verified. Inputs for an initial manual report to test the system information needs have been received from the four program offices. This report is being finalized and will be submitted to the EDO's office in early October. Once a final determination is made regarding system information needs, the ADP aspects of the system will be evaluated and development will begin.

Budget Justification Book

The presentation aspects of the NRC budget submissions--Blue Book to the OMB and Green Book to the Congress--have and are being improved. Following the initial changes to the FY 1987 Blue Book format, representatives of ADM and RM are examining several composing techniques and production methods that would further improve upon our budget presentations in the Green Book to the Congress. Final format will be developed by the end of October, 1985.

ENCLOSURE I

SEP 20 1985

OFFICE FOR ANALYSIS AND EVALUATION OF OPERATIONAL DATA

ITEMS OF INTEREST

WEEK ENDING SEPTEMBER 20, 1985

1. AEOD Engineering Evaluation Report, E513, entitled, "High Pressure Core Spray System Relief Valve Failures," was issued on September 16, 1985. The report evaluated the recurrent HPCS relief valve failures at LaSalle County Station and the potential for similar failures at other BWRs with HPCS systems. The AEOD study found that the relief valve failures at LaSalle were caused by excessive back pressure on the discharge port of the relief valve. Excess back pressure was found to occur whenever the HPCS system operated because the relief valve discharge was hard piped to the HPCS minimum flow line. Special tests showed that the back pressure on the relief valve reached approximately 100 psi whenever the HPCS pump was running. However, the Crosby relief valve involved in the failures has a back pressure rating of only 90 psi. The consequences of valve failure were significant valve leakage into the HPCS compartment and a loss of containment integrity. The elevated back pressure problem was corrected at LaSalle by routing the relief valve discharge to the reactor building equipment drainage system.

AEOD's review of the HPCS system flow diagrams and the relief valve designs for each of the other potentially affected BWRs concluded that River Bend Unit 1 was the only other plant with a potential for relief valve failures of the type which occurred at LaSalle. At River Bend, the HPCS pump discharge line relief valve is also manufactured by the Crosby Valve Company and has a discharge which is hard piped to the HPCS minimum flow line. In view of the similarities between the two plant designs, AEOD suggested that Region IV request Gulf States Utilities to evaluate the suitability of the River Bend HPCS relief valve discharge piping design in light of the failures which occurred at LaSalle.

2. An evaluation of recent valve operator motor burnout events was issued as AEOD/S503. The Special Report provides a limited review and evaluation of valve operator motor burnout events subsequent to those reviewed in Case Study AEOD/C203 which addressed events during 1978 to 1980.

This report illustrates that operating plants have not corrected this problem and thus corroborates the original recommendation. Although only a few events were reviewed and analyzed, the report identifies more than 200 valve operator motor burnout events including more than 180 events during the approximate four year time frame from 1981 to early 1985. This number of events raises potential significant safety issues for the following reasons: (1) motor operated valves are used extensively in safety systems where performance of the safety function requires that valves must open and/or close; (2) the motor failure mechanism can be common mode based on an overall plant philosophy covering thermal overload devices and surveillance procedures; (3) the failed motors can remain undetected for long periods of time; and (4) motor burnout has resulted in damage to the valve operator in a manner that prevented valve operation by either motor or manual drive mechanisms.

ENCLOSURE J

SEP 20 1985

REGION III

STATUS REPORT

DAVIS-BESSE LOSS OF FEEDWATER EVENT

SEPTEMBER 20, 1985

Plant Status

The plant remains in cold shutdown. The circulating water canal is drained. Decay heat removal loop No. 1 is drained for maintenance.

ENCLOSURE L

SEP 20 1985

SEP 20 1985

EQUIPMENT STATUS (FOLLOWS TABLE 5.1 IN NUREG 1154)

ITEM	TROUBLESHOOTING/ROOT CAUSE DETERMINATION ACTIVITIES	COMMENTS	RIII ACTIONS
1. Main Feedwater Turbine	Cause determined to be component failure in speed control circuit. Revised report issued 08/30/85.	MFPs were tested on 09/05-06/85 with no problems noted.	Region III is monitoring licensee evaluation of reliability of the MFPs.
2. Closure of MSIVs	Cause determined to be that circuit was overly sensitive to momentary system perturbation. Revised report issued 09/07/85. Additional root cause determinations are continuing.	Testing will continue through next week. Specialist from NRR will observe testing as required.	RIII monitoring licensee's activities and observing selected activities.
3. Steam Safeties, Atmos. Vents.	Defective electronic module in ICS likely cause of problem with atmosphere vent valves. Revised report issued 09/06/85. MSSVs being evaluated.	Eight MSSVs have been shipped to Wylie for full flow steam testing and internal inspection. Vendor Programs Branch will be observing the testing activities.	RIII following licensee activities.
4. Aux. Feedwater Turbine	Cause considered to be condensation in long steam inlet lines. Revised report issued 09/09/85.	Preparations are being made to modify the steam supply system. Governor from #2AFWPT has been removed and sent to Woodward along with two spare governors for inspection and modifications. Governor for #1AFWPT has been replaced with a new type governor.	RIII inspectors to observe activities.
5. AFW Containment Isolation Valves	Completed and revised report issued 08/29/85. Misadjustment of bypass torque switch settings and inadequate testing procedure.	Additional dp and flow testing is being evaluated.	RIII following licensee's activities.
6. Steam Supply Valve to AFPT No. 1	Completed and revised report issued 09/09/85.	Activities completed. Additional testing is planned in hot standby.	RIII to observe any additional testing.

ENCLOSURE 1

ITEM	TROUBLESHOOTING/ROOT CAUSE DETERMINATION ACTIVITIES	COMMENTS	RIII ACTIONS
7. Source Range NI	Revised report issued 09/16/85 on NI-1. Root cause was bad connection between detector and cable.	Licensee is considering replacing the containment cable penetration modules. NI-1 is being monitored and appears stable.	RIII observing activities.
8. PORV	Completed and report sent to NRR 08/23/85. Root cause not determined.	Valve will be rebuilt (as needed). Two spare PORVs are being rebuilt at Crosby, and will be tested at Marshall Steam Station in Terrell, N.C. in October.	RIII observing activities. Vendor Programs Branch has been notified.
9. S/U Feedwater Control Valve	Completed and revised report issued 08/29/85. The valve functioned correctly during the June 9 event.	Work complete.	None.
10. Recovery of AFP Turbine	Completed and revised report issued 08/30/85. Training and procedural deficiencies identified.	Procedure has been revised and operator aids (instructions) will be posted at turbines.	RIII to review operator training program to assure proper operator actions.
11. AFP No. 1 Suction Transfer	Revised report issued 09/17/85. Root cause determined to be excessive pressure drop across common strainer caused by transient flow variations.	Individual pump suction strainers will be removed and the common suction strainer will be replaced with a coarser mesh strainer.	RIII observing activities.
12. Turbine Turning Gear*			
13. Control Room HVAC*			
14. Turbine Bypass Valve	Completed and revised report issued 08/29/85. Valve failure caused by water hammer.	New drain header has been installed. New valve operator has been shipped from vendor.	RIII to monitor.

*Status not maintained on this item since these type failures occurred previously and do not appear to be unique to this event.

**No change in status from previous update.

ENCLOSURE 1

Other Activities

The new electric motor driven auxiliary feedwater pump is grouted in place. Installation of pipe and valves is about 60% complete. Conduit installation, cable pulling and wire termination is in progress. The existing SUFP has been electrically disconnected. Region III specialist will be onsite to review work progress.

Evaluations and inspections relating to the auxiliary feedwater system restraints are continuing. Baseline inspections of the No. 2 HPI and the No. 2 LPI systems are continuing. Nonconformance Reports (NCRs) have been written against 438 of the 467 pipe supports inspected so far. Licensee's engineering department has received 355 NCRs for evaluation. Sixty-nine NCRs have been dispositioned, fourteen require rework, none require welding. Eight additional licensee inspection teams will be onsite next week to begin inspection of 800 pipe supports in containment.

Initial testing of motor operated valves by MOVATS, Inc. on the 51 valves that must be tested before the plant is taken to hot standby is completed. Thirteen valves require retest. MOVATS testing will resume next week. A Region III specialist will be onsite to review this program and witness testing.

Corrective Action Plans

Corrective action plans to repair equipment that malfunctioned during the event have been issued for the following equipment items. Work is in progress on most of the corrective action plans. Item numbers correspond to Table 5.1 in NUREG-1154.

<u>ITEM</u>	<u>PLAN NO.</u>	<u>DATE ISSUED</u>
1. Main Feedwater Turbine	4	08/26/85
2. Closure of MSIVs	6	09/04/85
4. Auxiliary Feedwater Turbine	1	09/07/85
5. AFW Containment Isolation Valves	1	09/07/85 (Rev. 1)
6. Steam Supply Valve to AFPT No. 1	1	08/29/85
8. PORV	1	09/09/85 (Rev. 2)
9. S/U Feedwater Control Valve	1	09/08/85 (Rev. 3)
10. Recovery of AFP Turbine	1	09/09/85
11. AFT No. 1 Suction Transfer	1	09/04/85

ENCLOSURE L

<u>ITEM</u>	<u>PLAN NO.</u>	<u>DATE ISSUED</u>
14. Turbine Bypass Valve	1	09/05/85 (Rev. 2)
	2	08/26/85
Davis-Besse Course of Action Report		09/09/85

Planned Meetings

- Congressman Markey hearings - October 2, 1985.
- ACRS Subcommittee Site Visit - October 4, 1985.

Planned Special Inspections and Evaluations

- Training Accreditation Inspection (NRR/RIII) - September 24, 1985.
- Inspection of MOVATS Testing (IE/RIII) - September 23-27, 1985
- Inspection of Auxiliary Feedwater Pump Installation - September 23-24, 1985.
- Annual INPO Evaluation - September 30 through October 11, 1985.

ENCLOSURE L

SEP 20 1985

ITEMS ADDRESSED BY THE COMMISSION - WEEK ENDING SEPTEMBER 20, 1985

- A. STAFF REQUIREMENTS - PERIODIC BRIEFING ON NTOLS, 2:00 P.M., TUESDAY, SEPTEMBER 3, 1985, COMMISSIONERS' CONFERENCE ROOM, D.C. OFFICE (PORTION OPEN TO PUBLIC ATTENDANCE) Memo fm SECY to W. J. Dircks, H. H. E. Plaine and R. F. Fraley dated September 17, 1985

The Commission* met to be briefed by staff on the status of near term operating license (NTOL) plants.

Chairman Palladino requested the Office of the General Counsel to review the meeting transcript to determine whether any portion of the transcript should be served on the parties to any pending proceeding.

(OGC)

(SECY Suspense: 9/20/85)

Commissioner Asselstine requested the Advisory Committee on Reactor Safeguards to provide an updated Committee position on Palo Verde Unit 2 prior to any anticipated low power or full power operating license decision for this plant by the staff or the Commission if the Committee has a different view from that contained in their December 15, 1981 report on Palo Verde.

(ACRS)

Commissioner Zech requested the staff to provide information on plants for which the staff has approved or had knowledge of the dual SRO/STA role.

(Subsequently, in a memorandum dated 9/11/85, the staff provided the information to the Commission.)

* Commissioner Roberts was not present.

- B. STAFF REQUIREMENTS - ORAL PRESENTATIONS ON TIMING OF DOE'S PRELIMINARY DETERMINATION ON SUITABILITY OF SITES FOR DEVELOPMENT AS REPOSITORIES, 9:30 A.M., FRIDAY, SEPTEMBER 6, 1985, COMMISSIONERS' CONFERENCE ROOM, D.C. OFFICE (OPEN TO PUBLIC ATTENDANCE) Memo SECY to H. H. E. Plaine dated September 17, 1985

The Commission met to receive oral presentations from the Department of Energy (DOE) affected Indian Tribes and states, and interested environmental and industry groups on the timing of DOE's preliminary determination, required by the Nuclear Waste Policy Act, on the suitability of three sites for development as high level waste repositories.

B. CONTINUED

The following persons participated in this meeting:

Ben Rusche, Director
Office of Civilian Radioactive Waste Management
DOE

Del White
Ron Halfmoon
Nez Perce Indians (Idaho)

Dean Tousley
Yakima Indians (Washington)

Tom Lehman
State of Minnesota

Malachai Murphy
State of Nevada

Steve Frishman
State of Texas

Patrick Spurgin
State of Utah

Don Provost
State of Washington

Carl Sinderbrand
State of Wisconsin

David Berrick
Environmental Policy Institute

Loring E. Mills, Vice President
Jay Silberg
Edison Electric Institute

The Commission requested that the Office of the General Counsel provide a legal analysis and recommendation concerning the need to reopen the concurrence process on the siting guidelines or take other action as a result of DOE's proposed departure from the Commission's concurrence statement regarding timing of the preliminary determination.

(OGC)

(SECY Suspense: 9/20/85)

Chairman Palladino requested that all written submissions of interested parties be received no later than Wednesday, September 11, 1985.

ENCLOSURE 0

SEP 20 1985

NRR MEETING NOTICES*

SEPTEMBER 20, 1985

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
9/24/85	50-244	P-110 Bethesda	Review Masonary Wall Design	Rochester Gas & Elec. FRC Drexel University (Ginna)	C. Miller
9/24/85 10:00 am	50-289	416 (Old Phillips) Bethesda	To discuss licensing actions in general and overall schedules for completion of active issues	GPU Nuclear (TMI-1)	J. Thoma
9/24/85 10:00 am	50-335	AR-2242 Bethesda	To discuss an alternative method to hydrostatic testing as proposed by H.A.F.A. International	Florida Power & Light Toledo Edison	D. Sells
9/24-26/85	50-443 50-444	Seabrook Site Seabrook, NH	To inspect completion of Power System Branch confirmatory items	Public Serv. Co. of New Hampshire	V. Nerses
9/25/85 9:00 am		Ramada Inn Bethesda	To discuss assessment of severe accident uncertainties	IDCOR	Z. Rosztoczy
9/25/85 10:00 am	50-413 50-414	Catawba Site Clover, SC	To audit Catawba Inadequate Core Cooling Instrumentation for Implementation Review	Duke Power Co. ORNL	K. Jabbour
9/26/85 9:00 am	50-267	P-114 Bethesda	To discuss Equipment Qualifi- cation for Ft. St. Vrain	Public Service Co. of Colorado	K. Hiethner

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

SEP 20 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>
9/26/85 1:30 pm	50-335	P-114 Bethesda	To discuss Intrusion Alarm Systems	Florida Power & Light (St. Lucie)	D. Sells
10/3/85 9:00 am		P-118 Bethesda	To discuss examiner requali- fication program, scope and program of BWROG II on inter- granular stress corrosion cracking research, and other technical issues related to IGSCC.	Boiling Water Reactor Owners Group	R. Hermann

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

SEP 20 1985

NMSS MEETING NOTICES

FOR WEEK ENDING: 9/20/85

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>
9/22-24/85	.	Tulsa, OK	To attend as resource person meeting of Radiation Measurements Committee of the Conference of Radiation Control Program Directors.	A. L. Soong	Soong
9/23/85	70-364	Harrisburg, PA	To discuss proposed Volume Reduc- tion Services Facility at Babcock and Wilcox Parks Township site with PA Dept. of Environmental Resources (PDER).	J. Hambright (PDER) P. Loysen (FC)	Loysen
10/7-9/85		Livermore, CA	To discuss Modal Study contract with Lawrence Livermore officials. <u>Division of Waste Management</u>	R. Cunningham (FC) J. Malaro (RES) F. Gillespie (RES)	Cunningham

None

Division of Safeguards

None

ENCLOSURE P

SEP 20 1985

IE MEETING NOTICES

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
9/24/85		FEMA Region III Office	Discussion re Susquehanna	E. L. Jordan D. B. Matthews	E. L. Jordan

ENCLOSURE P

SEP 20 1985

OSP MEETING NOTICES

September 20, 1985

<u>DATE/TIME</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES</u>	<u>NRC CONTACT</u>
10/3-5/85	Albuquerque, N.M.	Advanced Management of Radiation Accidents Workshop (University of New Mexico)	J. Lubenau, OSP	JLubenau, OSP

ENCLOSURE P

SEP 20 1985

Sept. 20, 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>
09/25/85 10:00 am		RII Office	Enforcement Conference Georgia Power Company - Vogtle Nuclear Plant	Licensee, Regional Administrator and selected RII and HQs staff members	Walker
09/26/85 10:00 am		RII Office	Enforcement Conference Virginia Electric and Power Company - North Anna and Surry Facilities	Same as above	Walker
1:30 pm		RII Office	Enforcement Conference Tampa VA Hospital	Same as above	Stohr

ENCLOSURE P