

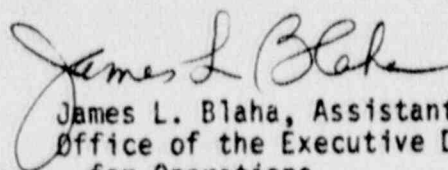
November 8, 1989

For: The Commissioners
From: James L. Blaha, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING NOVEMBER 3, 1989

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.



James L. Blaha, Assistant for Operations
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HIGHLIGHTS OF WEEKLY INFORMATION REPORT
WEEK ENDING NOVEMBER 3, 1989

Operational Readiness Assessment Team (ORAT) at Comanche Peak

The Special Inspection Branch of NRR conducted the ORAT at the Comanche Peak Steam Electric Station (CPSES) October 16-27 to provide an independent assessment of the construction and operational status. The ORAT inspection was conducted by a team of ten inspectors (five consultants, three senior residents, one regional inspector, and one headquarters inspector).

Although TU Electric has not requested an operating license yet, the inspection concluded that the plant was not ready to receive a five percent power license for basically three reasons. First, and foremost, the team concluded that an insufficient number of systems were in the direct operational control of the operators in order to support a valid assessment of operational readiness. The second reason was the plant staff had not adequately assumed responsibility for the systems and areas under operational control and had not fully implemented operational programs and procedures as a direct result of the large amount of construction and maintenance work remaining completion. And finally, the operations and operations support programmatic readiness were not adequate because several important operational programs (e.g., safety evaluations for temporary modifications) had not been implemented or had significant weaknesses which precluded their effective implementation.

Meeting with Federal Aviation Administration (FAA) Re: License Amendment Proposing Concourse Use of Thermal Neutron Activation (TNA) Explosive Detection Systems (EDS) at International Airports

Representatives from the Office of Nuclear Material Safety and Safeguards and Office of the General Counsel met with officials from the FAA's Office of Civil Aviation Security to discuss deficiencies in the environmental report submitted in request of a license amendment for concourse (ticket counter) level examination of baggage at international airports throughout the country. The TNA device utilizes californium-252 which emits thermal neutrons to activate the nitrogen atoms in plastic explosives. When activated nitrogen atoms are detected, a computer attached to the system gives a warning signal that explosives in luggage are being smuggled onto an airplane. In September 1989, FAA issued rulemaking (54 FR 36938) which requires airline carriers to purchase an estimated 200 to 400 EDS devices to be installed in airports throughout the country. Implementation of the rule will require NRC to begin reviewing license applications from airlines or other users of the EDS at the concourse level in airports. Because of the potential impact of this device in numerous airports throughout the country, the staff is considering actions that may be necessary under the NEPA.

OWFN Cafeteria

Construction on the One White Flint North cafeteria began this week. Electrical, mechanical and dry wall contractors are on site working. CONS has not received a formal schedule from GSA yet, but the contractor has informally indicated that he hopes to complete the construction in early February 1990.

Office of Nuclear Reactor Regulation
Items of Interest
Week Ending November 3, 1989

San Onofre Unit No. 1

As of October 30, 1989, this unit is operating in fuel Cycle 10 with degraded fasteners on the reactor vessel thermal shield. Neutron noise analysis indicates that the thermal shield vibration level has increased 80% in the 6-8 hertz range and could be due to increased wear on the limiter keys. The increase is below the NRC reporting level but does warrant close monitoring which the staff intends to do. The licensee has increased the monitoring frequency from weekly to daily as a result.

Crystal River Unit 3

On October 26, 1989, Florida Power Corporation, the licensee for Crystal River Unit 3 (CR-3), identified a scenario that is not bounded by the current small break LOCA analysis. This scenario postulates the initiating event to be a break in one of the four high pressure injection lines near the Reactor Coolant System cold leg penetration. Due to the limitations of the flow measurement nozzles, the licensee has determined that it is not possible to balance flow between the four lines, a long-standing requirement to protect against core damage. As a result of this determination, the High Pressure Injection System was declared inoperable and CR-3 has been placed in Mode 3. Babcock & Wilcox has determined that, as long as CR-3 remains in Mode 3 and complies with certain operational limitations, protection of the core is assured without any need for operator action to balance the flow. The licensee has taken the necessary steps to ensure compliance with the proposed limitations and, therefore, has determined that they are no longer in an LCO. The licensee is working with Babcock & Wilcox on an evaluation of the problems and has committed not to go to any higher mode until they have discussed their evaluation with the staff.

This unbounded condition is similar to that identified on Arkansas Nuclear One in March 1989. A comparison of the two events will be conducted. In the interim, the resident inspectors are monitoring the licensee's operations.

Additional information is now available on this matter. The inability to balance flow between the four high pressure injection lines was initially thought to be the result of the limitation of the flow nozzles. Actually, the limitation is not associated exclusively with the nozzles, but with the combination of the nozzle and associated instrumentation. The licensee has determined that, by replacing certain transmitters and installing new low-range meters in the control room, the desired accuracy can be achieved. These modifications are in progress, and are expected to be completed this week.

The licensee states that the new low-range instrumentation is of high quality, but the system may not be entirely safety grade. The licensee will submit a JCO this week that will describe the modifications being made and the procedural and training changes required, and will define the qualification of the new instrumentation. The plant will not enter a higher mode before NRC concurrence in the JCO.

3. Watts Bar Construction Assessment

NRR completed the four weeks of the Watts Bar Broad-Based Construction Assessment and held an exit meeting with TVA on October 27, 1989. The team identified problems in two areas: (1) General quality and condition of installed equipment and (2) the site management's lack of appreciation on the amount of work remaining prior to fuel load.

The team's findings in the first area include --

- ° A large number of minor hardware discrepancies such as bent, loose, or missing bolts and washers, broken flexible conduit, missing covers, loose or broken fittings, and damaged electrical penetration leads. Although TVA has previously identified some of the discrepancies, the team is concerned about the lack of protection of equipment from further damage.
- ° Lack of seismic qualification for the exhaust fan units in the emergency diesel generator rooms.
- ° Undersized vendor welds on tanks, heat exchangers, and other components.
- ° Crack-like indications and other unacceptable indications on radiographs for several pipe fittings.
- ° Improperly installed (loose) components on the steam generator pilot-operated relief valves.
- ° Lack of assurance of concrete quality because of a lack of concrete curing records.

The team's findings in the second area include --

- ° Uncertainty about the amount of necessary maintenance or replacement of instruments and equipment to bring the equipment out of layup.
- ° The site's difficulty in quantifying scope of "to do" work.
- ° More than 1000 punch list items on three systems turned over to testing. Includes 300 discovery items for which the amount of work is unknown.
- ° 28 engineering walkdowns currently planned with an additional 17 proposed. These walkdowns do not include construction activities.
- ° The team concluded that there is not a realistic basis for the previously projected fuel load date of December 1990.

4. Operational Readiness Assessment Team (ORAT) at Comanche Peak

The Special Inspection Branch of NRR conducted the ORAT at the Comanche Peak Steam Electric Station (CPSSES) October 16-27 to provide an independent assessment of the construction and operational status. The ORAT inspection

was conducted by a team of ten inspectors (five consultants, three senior residents, one regional inspector, and one headquarters inspector).

Although TU Electric has not requested an operating license yet, the inspection concluded that the plant was not ready to receive a five percent power license for basically three reasons. First, and foremost, the team concluded that an insufficient number of systems were in the direct operational control of the operators in order to support a valid assessment of operational readiness. The second reason was the plant staff had not adequately assumed responsibility for the systems and areas under operational control and had not fully implemented operational programs and procedures as a direct result of the large amount of construction and maintenance work remaining completion. And finally, the operations and operations support programmatic readiness were not adequate because several important operational programs (e.g., safety evaluations for temporary modifications) had not been implemented or had significant weaknesses which precluded their effective implementation.

5. Meeting with NUMARC to Discuss Generic Letter 89-10

On October 26, 1989, the NRC staff held a publicly-noticed meeting with NUMARC to discuss certain matters related to Generic Letter 89-10, "Safety-Related Motor-Operated Valve Testing and Surveillance." NUMARC had requested the meeting with the staff to discuss the technical guidelines it had prepared to assist its member utilities in their response to the generic letter. At the October 26 meeting, the staff discussed NUMARC's concerns with respect to the generic letter and certain staff's interpretations expressed at the September 1989 public workshops on this subject. With respect to the NUMARC's technical guidelines for responding to the generic letter, the staff indicated at the meeting that formal agency comments could not be provided until the meeting minutes for the September 1989 workshops were completed. At NUMARC's request, the staff noted areas where the technical guidelines could be improved. Further, the staff stated that, if NUMARC so desired, written comments would be provided at a later date. During the meeting, NUMARC stated that a letter documenting the concerns relating to Generic Letter 89-10 would be sent to NRC Management in the near future. On October 27, NUMARC management met with the Acting Executive Director for Operations and reiterated their concerns. The staff will continue to work with NUMARC and the individual licensees to provide assistance, where appropriate, in their development of acceptable programs to implement the generic letter.

6. Loma Prieta Earthquake of October 17, 1989

An earthquake damage review team (G. Bagchi and S.N. Hou of NRR and R.M. Kenneally of RES) visited various damage sites near San Francisco on October 23 and 24, 1989. Based on the readings of a larger number of stations the magnitude of the earthquake has now been revised from the preliminary reported 6.9 up to 7.1 on the Richter scale. Sites visited

included: Market and Mission Street area, the elevated highway structure of the Embarcadero Freeway, and the Marina District in San Francisco; Interstate Rt 880 (Nimitz Highway) elevated structure and downtown Oakland; the Moss Landing thermal power station with seven power generating units in Moss Landing on the Monterey Bay; the town of Watsonville where some of the highest ground motions were recorded.

A lot of damage in the downtown San Francisco area and in the Marina District in particular was due to soil liquefaction and amplification of ground motion by soils. The damage from the Loma Prieta earthquake seems to be related to site specific conditions and directionality rather than to just distance from the epicenter. The elevated highway structure in Oakland suffered damage primarily due to lateral motion, and the severity of damage can be attributed to poor design of the hinges at connections of upper deck columns and poor reinforcement detailing of these columns. Damage to the residential buildings in the Watsonville area was mainly in the unreinforced masonry and foundations due to severe ground motion which was estimated to be in the acceleration range of 0.4g to 0.5g. The Moss Landing power station suffered extensive (60%) damage to its 500KV switch yard with broken bus and switchgear insulators. However, the other two switch yards having equipment manufactured by different suppliers suffered little or no damage. There was no piping and mechanical equipment failure, except a raw water tank with 800,000 gal. capacity which ruptured at the bottom and buckled at the top. Bolts behaved very well - even those anchoring tall stacks. The station was designed in the late 50's and early 60's for static lateral force of about 0.14g, and may have seen considerably higher values. There were also some indications at other locations that equipment was anchored well but it failed to function after the earthquake.

The general indication is that engineered industrial facilities survived quite well, but brittle ceramic insulators failed as they have in previous events. The current NRC seismic design criteria should serve us well, provided we pay attention to equipment anchorage and perform plant walk-down to eliminate the observed potential weak spots.

NTOL AND RESTART SCHEDULE

I. Schedule for NTOL plants:

<u>PLANT</u>	<u>LOW POWER AUTHORZTN</u>	<u>INITIAL CRITI- CALITY</u>	<u>COMMISSION BRIEFING</u>	<u>FULL POWER AUTHORZTN</u>
COMANCHE PEAK 1	TBD	TBD	TBD	TBD
SEABROOK	5/26/89C	6/13/89C	12/89E	12/89E

II. Schedule for RESTART plants:

<u>PLANT</u>	<u>SHUTDOWN</u>	<u>COMMISSION STATUS BRIEFING</u>	<u>NRC RESTART DECISION</u>	<u>PLANT RESTART</u>
BROWNS FERRY 2	9/15/84C	4/90E	5/90E	5/90E
NINE MILE POINT 1	12/19/87C	1/90E	1/90E	1/90E

Office of Nuclear Material Safety and Safeguards
Items of Interest
Week Ending November 3, 1989

INDUSTRIAL AND MEDICAL NUCLEAR SAFETY

Fuel Cycle Safety

Nuclear Fuel Services, Inc. (NFS)

On October 25, 1989, NRC staff met with NFS representatives to discuss the ongoing plutonium (Pu) decommissioning project. During the meeting, the NFS representatives indicated that NFS had planned to ship some transuranic waste (greater than 100 nCi Pu/gm) to the Department of Energy's (DOE) Idaho National Engineering Laboratory (INEL) for storage. Recently, NFS was informed by DOE that INEL cannot receive Pu waste because of a State ban on waste storage. Because of this change, NFS plans to store the packaged Pu waste in an onsite warehouse. NFS will implement a radiological surveillance program to maintain the integrity of the materials in storage. NFS will ship wastes having less than 100 nCi Pu/gm to the burial site in Barnwell, South Carolina. NFS management has committed to continue the decommissioning project even though it cannot dispose of some of the waste.

Material's Licensing

Meeting with Federal Aviation Administration (FAA) Re: License Amendment Proposing Concourse Use of Thermal Neutron Activation (TNA) Explosive Detection Systems (EDS) at International Airports

Representatives from the Office of Nuclear Material Safety and Safeguards and Office of the General Counsel met with officials from the FAA's Office of Civil Aviation Security to discuss deficiencies in the environmental report submitted in request of a license amendment for concourse (ticket counter) level examination of baggage at international airports throughout the country. The TNA device utilizes californium-252 which emits thermal neutrons to activate the nitrogen atoms in plastic explosives. When activated nitrogen atoms are detected, a computer attached to the system gives a warning signal that explosives in luggage are being smuggled onto an airplane. In September 1989, FAA issued rulemaking (54 FR 36938) which requires airline carriers to purchase an estimated 200 to 400 EDS devices to be installed in airports throughout the country. Implementation of the rule will require NRC to begin reviewing license applications from airlines or other users of the EDS at the concourse level in airports. Because of the potential impact of this device in numerous airports throughout the country, the staff is considering actions that may be necessary under the NEPA.

SAFEGUARDS

International

International Atomic Energy Agency (IAEA) Inspections at the General Electric (GE) and Babcock & Wilcox (B&W) Facilities

An unannounced safeguards inspection by a three member IAEA team began on October 26, 1989 at the GE low enriched uranium fuel fabrication facility in Wilmington, North Carolina. The IAEA audited the records and performed measurements on powder, pellets and rods. An announced safeguards inspection by a two member IAEA team began on October 30, 1989 at the B&W low enriched uranium fuel fabrication facility in Lynchburg, Virginia. The IAEA audited the records and performed measurements on pellets.

LOW-LEVEL WASTE MANAGEMENT

Meeting with Washington Department of Health (WDOH) and U.S. Ecology (USE) Officials

On October 25-26, 1989, NMSS staff members met with officials from WDOH and USE on matters related to licensing and regulation of the commercial low-level waste facility near Richland, WA. They discussed the contents of a proposed Memorandum of Understanding (MOU) between the two regulatory agencies, clarifying the responsibilities of each with regard to Atomic Energy Act licensed material disposed of at the Hanford facility. NMSS and WDOH representatives met USE representatives at the facility where they discussed administrative procedures and licensing and technical issues.

NUMARC BRC Rulemaking Petition Status Report

On Monday, October 30, Lynn Fairobent of NUMARC provided a status report on the NUMARC BRC rulemaking petition. Ms. Fairobent indicated that the petition is complete. However, the petition must still be approved by the NUMARC Board. Ms. Fairobent indicated that the next NUMARC Board meeting will be held on November 8, in Chicago. At that time, NUMARC will consider submitting the petition. Ms. Fairobent indicated that she will inform the staff of the Board's decision.

NRC Meeting with Department of Energy (DOE) on Uranium Mill Tailings Remedial Action Program (UMTRAP) QA

On November 1, 1989, LLWM staff met with DOE, at their request, to discuss concerns recently raised by NRC regarding quality assurance in the UMTRAP. DOE staff presented details of their procedures for identifying construction problems and managing significant design changes during construction. Recent specific problems and their impact on proposed measures to streamline the NRC staff's review of UMTRAP documentation were discussed. A number of action items were developed in an effort to resolve the NRC concerns.

Office for Analysis and Evaluation of Operational Data
Items of Interest
Week Ending November 3, 1989

Division of Operational Assessment (DOA)

On November 1, headquarters and Regional emergency response personnel, participated in a full-scale exercise with TVA involving the Browns Ferry nuclear power plant. Chairman Carr served as the Executive Team Director. The Headquarter exercise objectives were met and the overall performance was good.

The Technical Training Center (TTC) staff conducted special reactor simulator training October 22-27, 1989, for personnel from the TVA Project Division of NRR. The training was conducted on the Browns Ferry Nuclear Plant simulator by TTC staff members who formerly held SRO licenses on that specific plant. This NRR request for special training was accommodated in support of Agency preparedness for a future Browns Ferry restart.

On October 27-28, the Palo Verde Diagnostic Team Leaders and Team Managers met at the AEOD offices in Bethesda, Maryland. During these meetings individual evaluation plans were finalized. The team is scheduled to arrive onsite November 6-17 for the initial phase of the evaluation.

Preliminary Notification

The following Preliminary Notifications were issued during the past week.

- a. PNO-III-89-74, Radiation Sterilizers, Inc., Lack of Shipping Casts.
- b. PNO-III-89-68, MQS Inspection Inc., Radiographer Overexposure.
- c. PNO-III-89-71, Commonwealth Edison (Dresden Units 2 & 3), Augmented Inspection Team (AIT) Evaluating HCP Systems.
- d. PNO-III-89-69, Mayo Foundation, Iodine-131 Misadministrations.
- e. PNO-IV-89-63, Kerr-McGee, Radiation Survey of Formerly Licensed Site.
- f. PNO-V-89-64, Pacific Gas & Electric Company (Diablo Canyon Unit 2), Manual Turbine/Reactor Trip on Indication of Arcing in Main Generator Exciter.
- g. PNO-V-89-65, Arizona Nuclear Power Project, (Palo Verde Unit 2), Reactor Trip - Possible Shutdown Greater Than 48 Hours.

Office of Governmental and Public Affairs
Items of Interest
Week ending November 3, 1989

International Programs

Dr. Summer Sun, NRR, travelled to the Jozef Stefan Institute in Ljubljana, Yugoslavia on an IAEA technical cooperation project to assist in developing core protection and core safety limits and to discuss technical details of transient analysis and LOCA analysis, including use of computer codes and interpretation of analytical results from using those codes.

State, Local and Indian Tribe Programs

Pennsylvania Begins Implementation of LLW Subagreement

The Pennsylvania Department of Environmental Resources completed its first inspection under the terms of the Commonwealth of Pennsylvania and NRC Low-Level Radioactive Waste Package and Transportation Inspection Subagreement. The inspection was performed at the Beaver Valley Power Station on October 16, 1989. A copy of the inspection report has been prepared and will be provided to the Region I to allow it to be officially forwarded to the licensee for review. No apparent violations were identified.

Congressional Affairs

CONGRESSIONAL HEARINGS SCHEDULE (CA)

NOVEMBER 3, 1989

OCA ASSIGNMENT	DATE	TIME	WITNESS	SUBJECT	COMMITTEE
Gerke	11/02/89	10:00	Non-NRC	Federal Personnel Security Clearance System	Subc on Civil Service House Post Office & Civil Service Subc on Civil & Constitutional Rights House Judiciary Committee
Combs	11/02/89	9:30	Non-NRC	MRS Commission Report	Senate Energy and Natural Resources
Madden	11/07/89	9:45	Vote	Nominations of Remick and Williams	Senate Environment and Public Works
Combs	11/02/89 Tentative	10:00	Markup	S. 1563, Southeast Low-Level Waste Compact	Senate Judiciary
Gerke	11/06/89 11/17/89	9:30	Non-NRC	Use of private consultants by the federal government	Fedl Services, Post Offc & Civil Service Senate Governmental Affairs
Callahan	11/09/89	9:45	Non-NRC	Ritter Amendment on Transfer of Shoreham's License	Subc on Energy and the Environment House Interior & Insular Affairs
Combs	11/13/89	2:00	Non-NRC	Nuclear Waste	Senate Energy & Natural Resources
Gerke	11/16/89	TBA	Non-NRC	Whistleblower Protection	Labor-Management Relations House Education & Labor

Note: Senate Energy will hold a confirmation hearing on November 3 on the nomination of William Harold Young to be Assistant Secretary for Nuclear Energy at DOE.

ENCLOSURE E

Office of Administration
Items of Interest
Week Ending November 3, 1989

Significant FOIA Requests Received by the NRC for 5-day Period
October 27 - November 2, 1989

Request for records that pertain to a shipment of tables from Mexico to Chicago, Illinois, in January 1984, allegedly contaminated by cobalt 60 upon arrival in Chicago. (Dan Noyes, Center for Investigative Reporting, Inc., FOIA-89-467)

Request for copies of winning proposals under the following solicitations: (1) RS-NRR-89-026; (2) RS-NRR-89-027; and (3) RS-NRR-89-029. (Yvonne Usher, Titan Technologies, Inc., FOIA-89-468)

Request for copies of the following records related to Thermo Electron Corporation, Waltham, Massachusetts: (1) SNM-1935, Docket 70-3001; (2) SNM-1935, Docket 70-3000 or originally issued version of first license; and (3) DOE/NRC Form 741. (Thomas Speidel, FOIA-89-469)

Request for records concerning the recent truck accident involving the shipment of contaminated equipment from Rockwell International in California to Alaron Corporation in Wampum, Pennsylvania. (Myron Levin, Los Angeles Times, FOIA-89-470)

Request for copies of two specified records referenced in NUREG-1177, Appendix C, page 17. (Ophelia Williams, J/R/A Associates, FOIA-89-471)

Request for records pertaining to accidents and near misses in plants, including statistics on exposure to above acceptable radiation levels. (Michael Daniels, FOIA-89-472)

Request for three categories of records regarding material licensees in RI subject to on-site inspections during the period January 1989 through September 1989. (Barry Smith, Ross and Smith, FOIA-89-474)

Request for records relating to Shieldalloy Corporation of New Jersey. (Nancy Busey of Purcell, Ries, Shannon & Mulcahy, FOIA-89-475)

Office of Information Resources Management
Items of Interest
Week Ending November 3, 1989

1. OMB Clearances

OMB granted a three month clearance for NRC Forms 741, 741A, 740M and N-71 in lieu of the requested three year clearance to allow NRC the opportunity to respond to the issues raised by the General Electric Nuclear Energy (GENE) in their letter of September 27, 1989, to OMB. OMB will consider the three year extension after the GENE concerns have been resolved.

2. AUTOS

The AUTOS request for proposal was printed and sent to potential bidders on Friday, November 3, 1989.

3. NUDOCS Hours of Operation Reduction

Effective November 3, 1989, the new hours of operation will be from 12:00 noon on Monday through 12:00 noon on Friday. A reduction in operating hours was necessitated by equipment limitations in processing the large database.

Office of Personnel
Items of Interest
Week Ending November 3, 1989

Fall Recruiting Activities

Paul Bird, Director, OP and Frank Elizondo, agency Recruiting Officer, attended a National Career Centers Job Fair in San Diego, California, on October 28 through 30 where they interviewed applicants in the scientific and engineering fields. Frank Elizondo also attended a job fair at the University of Puerto Rico in Mayaguez, Puerto Rico, on November 1 and 2, 1989. Paul Bird and Frank Elizondo both attended the National Career Centers Job Fair in Charleston, South Carolina, on November 3 and 4, 1989.

Training Activities Reflect Varied Interests of Agency

Carolyn Bassin of the Training Development and Employee Assistance staff met with the Interagency Group for Computer-Based Training at the Office of Personnel Management on October 31, 1989. NRC's testing of interactive videodisc equipment for the Individual Learning Center was featured. Three manufacturers presented and discussed equipment configured to meet NRC's specifications.

Henry Rubin, OP, and eleven other agency employees attended an American Red Cross training course for CPR/First Aid Instructors sponsored by the Training Development and Employee Assistance. The employees attending this course became certified instructors who will train and certify other NRC employees in CPR and First Aid.

Arrivals

Jack Parrot, Hydrologist (PFT), NMSS
Sally Kravitz, Secretary (PFT), NRR
Barbara Moore, Secretary (PFT), NRR
Marsha Bond, Word Processing Operator (PFT), RI
Charles Phillips, Reactor Engineer (PFT), RIII
Donna Pirok, Word Processing Operator (PFT), RIII

Retirements

William Paton, Sr. Litigation Attorney (PFT), OGC
Clifton Hale, Sr. Quality Systems Engineer (PFT), RIV
Robert Thomas, Section Chief (PFT), RV

Departures

Kenneth Heitner, Sr. Project Manager (PFT), NRR
Anna Marie Ludwig, Commercial Voucher Examiner (PFT), NRR
Howard Rose, Project Manager (PFT), RIV

Office of Enforcement
Items of Interest
Week Ending November 3, 1989

Significant Enforcement Action

An Order Imposing a Civil Penalty in the amount of \$5,625 was issued to Photon Field Inspection, Inc. on October 30, 1989. The action was based on eight violations which, in the aggregate, represented an inadequate control over the licensee's safety program. (EN 89-61A)

Civil Penalties Paid

Tennessee Valley Authority (Sequoyah) paid the civil penalty in the amount of \$87,500. The action was based on three examples of failure to implement or adhere to safety review program requirements. (EA 89-152)

McDowell & Associates, Ferndale, Michigan paid the civil penalty in the amount of \$750. The action was based on violations involving the: failure to perform surveys for radiation levels in unrestricted areas, failure to secure licensed material in an unrestricted area, use of material at an unauthorized location, and failures to leak test and inventory sealed sources, block and brace packages of radioactive materials during transit, have shipping papers, store shipping papers in the proper place in the transport vehicle, and failure to properly lock moisture-density gauges. (EA 89-149)

Bluefield Community Hospital, Bluefield, West Virginia paid the civil penalty in the amount of \$5,000. This action was based on 19 violations involving the lack of management oversight and control over the licensee's radiation safety program. (EA 89-142)

Precision Components Corporation paid the civil penalty in the amount of \$5,000. The action was based on violations involving an exposure in excess of the regulatory limit of 1.25 rems per calendar quarter and failure to: lock the source assembly at completion of a radiographic exposure, perform radiation surveys after each radiographic exposure, stop work when dosimeter went off-scale, and notify both the individual and the NRC of the radiation exposure received by the individual. (EA 89-175)

Office of Consolidation
Items of Interest
Week Ending November 3, 1989

OWFN Cafeteria

Construction on the One White Flint North cafeteria began this week. Electrical, mechanical and dry wall contractors are on site working. CONS has not received a formal schedule from GSA yet, but the contractor has informally indicated that he hopes to complete the construction in early February 1990.

Region I
Items of Interest
Week Ending November 3, 1989

1. Cintichem Facility

During the week of October 23, 1989, a team inspection was conducted at the Cintichem Facility, Tuxedo, New York. The licensee, Cintichem, operates a 5 MW pool-type reactor to irradiate uranium oxide for the production of radionuclides used to produce radiopharmaceuticals. Members of the team included seven Region I inspectors and the licensing project manager. Two New York State personnel accompanied the observation. The following areas were inspected:

- Reactor Operations;
- Reactor Experiments;
- Hot Laboratory Operations;
- Health Physics;
- Liquid and Gaseous Effluent Controls;
- Radiological Environmental Monitoring Program;
- Confirmatory Measurements with NRC:RI Mobile Lab;
- Emergency Planning;
- Management Controls.

Region II
Items of Interest
Week Ending November 3, 1989

1. Alabama Power Company

On October 30, the Regional Administrator and selected staffs from Region II and NRR, were at the Farley Nuclear Power Station to present the SALP Board Assessment to Alabama Power Company representatives.

2. Tennessee Valley Authority

On November 1-2, a full-participation, ingestion pathway emergency exercise was conducted at the Tennessee Valley Authority's Browns Ferry facility. Day 1 of the exercise was conducted with full Headquarters and Regional NRC participation including Chairman Carr and the Regional Administrator. The licensee met the exercise objectives with no exercise weaknesses. FEMA's evaluation of the State and local government performance identified no deficiencies.

3. Florida Power Corporation

On November 1, the Deputy Director, Division of Reactor Safety, was in Headquarters to attend a meeting with Florida Power Corporation to discuss Crystal River electrical issues.

4. Virginia Electric and Power Company

On November 3, a Soviet trade delegation toured the Virginia Electric and Power Company's North Anna site.

On November 3, representatives from Senator Bryan's office and the Assistant Inspector General for the General Accounting Office toured the Surry Power Station.

5. South Carolina Electric and Gas Company

On November 3, the Regional Administrator met with the Chief Executive Officer and the Executive Vice President, Operations, of South Carolina Electric and Gas Company to discuss current issues pertaining to their V. C. Summer facility.

6. Radiation Sterilizers, Inc. (RSI)

On November 1, the State of Georgia notified Region II that shipping of Cs-137 capsules from the RSI facility in Decatur, GA has been halted. All casks have been taken out of service because they have failed tests required by the Certificate of Compliance. At the present time, 75 normal form and 84 special form capsules remain in the RSI storage pool. A schedule for cask repair has been established at this time. The activity in the water in the RSI pool remains at a low-level ($3.38E-7$ uCi/ml). There is media interest in the resulting delay in cleanup of the RSI facility. Region II is monitoring the situation and has been discussing options with NMSS.

Region III
Items of Interest
Week Ending November 3, 1989

1. University of Cincinnati

On November 1, 1989, A. Bert Davis, Regional Administrator, Carl J. Paperiello, Deputy Regional Administrator, and members of the staff met with representatives of the University in a management meeting to discuss: (1) the licensee's corrective action in response to a recent laboratory contamination event, (2) recent organizational changes, (3) implementation of the licensee's newly created Radiation Protection Program, and (4) the results of the licensee's internal investigation of previous radiation safety practices.

2. Visit by Japanese Officials

Carl J. Paperiello, Deputy Regional Administrator, C. E. Norelius, Director, Division of Radiation Safety and Safeguards, and Bill Snell, Section Chief, met with Dr. S. Nomura and Mr. H. Horikami of the Japan Atomic Energy Research Institute to discuss emergency preparedness issues including the Region's preparation for, and participation in, FFE-2.

3. Palisades

On October 30, 1989, Messrs. D. H. Danielson, J. Gavula and W. Liu, Division of Reactor Safety, participated with NRR in a meeting in NRC Headquarters with Consumers Power to discuss as-built configuration versus documentation discrepancies related to pipe support systems. It was determined that a team inspection would be conducted the week of November 6 to determine the safety impact of the design control deficiencies in the licensee's response to Bulletin 79-14 regarding pipe support systems.

4. Dresden Nuclear Power Station

On November 1, 1989, Region III dispatched a special team to the Dresden Nuclear Station to examine the circumstances regarding elevated temperatures in the Units 2 and 3 HPCI discharge lines and to evaluate the extent and significance of damage to the discharge lines' supports and hangers to determine whether the damage was caused by vibration or water hammer. On November 2, 1989, Region III upgraded the Special Team to an Augmented Inspection Team when the Team Leader reported that the damage was caused by water hammer and that the event may have generic implications.

Region IV
Items of Interest
Week Ending November 3, 1989

1. Regional Office Visit

The Director, Office of Personnel, visited the Uranium Recovery Field Office in Denver. The purpose of his visit was to acquaint himself with the URFO operations and staff, and to discuss possible help in filling URFO vacancies. He later visited the Region IV office in Arlington, Texas, for discussions with the Deputy Regional Administrator.

2. UMETCO Meeting

Representatives from UMETCO, operators for the White Mesa uranium mill near Blanding, Utah, met on November 1, 1989, with Uranium Recovery Field Office staff to discuss freeboard and storage volume requirements for the newly constructed tailings cell 4A and all upstream structures. The newly constructed tailings cell, as well as all other tailings cells at White Mesa, are lined with plastic liners to control ground water contamination; freeboard restrictions are therefore necessary to assure sufficient storage to preclude breaching the structure boundary in the event of maximum credible rainfalls.

3. Arkansas Nuclear One SALP Board Meeting

The SALP Board meeting for Arkansas Nuclear One was conducted on November 2, 1989, in the Region IV office. The Board assessed the licensee's performance for the period of July 1, 1988, through September 30, 1989. In addition to Region IV personnel, the meeting was attended by representatives of the offices of the EDO, NRR, and AEOD.

4. Cooper Nuclear Station Emergency Exercise

On November 2, 1989, the Deputy Regional Administrator, accompanied by a DRP Section Chief, met in Auburn, Nebraska, and presented certificates to candidates for RO and SRO licenses.

5. Chevron Resources Inc. Meeting

Chevron Resources Inc., operator of the Mt. Taylor uranium mine near Grants, New Mexico, has requested a meeting with NRC staff to discuss with Mr. R. Auty, Mine Superintendent for their Ranger uranium mine in Australia, regulations and practices pertaining to uranium milling in the United States. This meeting was held on November 3, 1989, in the Uranium Recovery Field Office in Denver, Colorado.

6. Atlantic Richfield Co. Meeting

Representatives from Atlantic Richfield Co. (ARCO), licensee for the ARCO uranium recovery facility (Blue Water mill), near Grants, New Mexico, met on November 3, 1989, with Uranium Recovery Field Office staff to

discuss the conceptual redesign of the reclamation plan. This mill is currently being decommissioned. After approval of the reclamation plan, reclamation of the disposal site will commence.

7. Kerr-McGee, Cushing, Oklahoma

On October 27, 1989, PNO-IV-89-63 mentioned Kerr-McGee's intent to issue a press release regarding the formerly licensed Cushing, Oklahoma site. To date, Kerr-McGee has not issued a press release. However, on November 1, 1989, the Oklahoma State Department of Health issued a press release regarding concerns expressed by Cushing residents about possible groundwater contamination. In the press release, the state and county health departments offered to test private water wells for contamination. Meanwhile, Kerr-McGee has five people laying out a survey grid at the site.

Region V
Items of Interest
Week Ending November 3, 1989

1. Sacramento Municipal Utility District (Rancho Seco)

Preparation for defueling activities continue at Rancho Seco. Lifting of the reactor vessel head was scheduled to occur on October 31 or November 1, however, this action has been placed on hold while a 3 foot by 3 foot bulge discovered in the liner plate of the fuel transfer pit is evaluated. Movement of the spent fuel from the reactor vessel to the spent fuel pool remains scheduled for late November. Efforts to identify and correct a long-term small leak in the spent fuel pool continue.

2. Dennis I. Maehara, M.D. Inc., Honolulu, Hawaii

On November 2, 1989, a Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$250. was sent to Dennis I. Maehara, M.D. Inc., Honolulu, Hawaii. The proposed penalty was for violations of NRC radiation safety requirements in the use of a Sr-90 eye applicator.

Office of the Executive Director for Operations
Items of Interest
Week Ending November 3, 1989

On October 30, 1989, the Acting Executive Director for Operations signed a proposed rule that would amend 10 CFR Part 34, "ASNT Certification of Industrial Radiographers," by providing license applicants the option to affirm that all of their active radiographers will be certified in radiation safety by the American Society for Nondestructive Testing prior to commencing duties as radiographers. This option could be exercised in lieu of current licensing requirements to submit descriptions of planned initial radiation safety training and qualification procedures. The intent of this proposed rulemaking is to recognize the ASNT "Certification Program for Industrial Radiography Radiation Safety Personnel" as an acceptable method of ensuring that radiographers are adequately trained in the radiation safety subjects listed in Appendix A of 10 CFR Part 34 and to encourage industrial radiography licensees to participate in the ASNT program.

This constitutes notice to the Commission that, in accordance with the rulemaking authority delegated to the EDO, the EDO has signed this proposed rule for publication in the Federal Register.

ITEMS ADDRESSED BY THE COMMISSION - WEEK ENDING NOVEMBER 3, 1989

- A. STAFF REQUIREMENTS - BRIEFING ON STATUS OF COMANCHE PEAK, 10:00 A.M., THURSDAY, OCTOBER 19, 1989, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY TO J. Taylor, Acting EDO dated 10/30/89

The Commission* was briefed by the representatives of Texas Utilities Electric Company (TU Electric), the Citizens Association for Sound Energy (CASE), and the staff on the status of Comanche Peak Steam Electric Station, Units 1 and 2.

Representing TU Electric were:

- Erle Nye
Chairman of the Board of Directors and CEO
- William Council
Vice Chairman
- William Cahill
Executive Vice President
- Austin Scott
Vice President of Nuclear Operations

Representing CASE was:

- Billie P. Garde
Attorney for CASE

The Commission cautioned the applicant of the importance of the transition from construction to operations and suggested that the applicant take a conservative approach in assessing its operational readiness.

The Commission requested the staff to closely monitor the applicant's progress and performance and to inform the Commission of the results of the Operational Readiness Assessment Team inspection of Comanche Peak, Unit 1.

* Commissioner Rogers was not present.

NRR MEETING NOTICES

November 3, 1989

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
11/8/89 8:00	50-315/ 316	White Flint Bldg. Room 10B-13	AEP will readdress relief requests that were denied in the staff's recently issued safety evaluation.	NRC/AEP	J. Gitter
11/8/89 1:00		White Flint Bldg. Room 6B-11	Discuss the draft generic letter describing deficiencies found in the station blackout review (SBO) audits, and related matters on station blackout.	NRC/NUMARC	P. Tam
11/8/89 1:00	50-335/ 389	White Flint Bldg. Room 14B-13	To present to the NRC the status of the St. Lucie Units 1 and 2 pressurizer heater sleeves as related to the Calvert Cliffs pressurizer heater sleeves cracking problems.	NRC/FP&L	J. Norris

* 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.

A listing of these meeting notices can be obtained by calling 492-7424.

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NRR MEETING NOTICES

November 3, 1989

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
11/8/89 1:30	50-315/ 316	White Flint Bldg. Room 10B-13	AEP will discuss the small bore piping confirmation program proposed for D.C. Cook that utilizes earthquake experience and test program data.	NRC/AEP	J. Gitter
11/9/89 1:00-4:30	50-327/ 328	White Flint Bldg. Room 6B-11	TVA will present information on its proposed deferment of work committed for the Cycle 4 refueling outages.	NRC/TVA	J. Donohew
11/14/89 1:00	50-247	White Flint Bldg. Room 14B-11	Discuss new simulator for Indian Point unit 2 including plans and organization.	NRC/CE	D. Brinkman
11/15/89 9:00-11:30	50-289	White Flint Bldg. Room 10B-11	Discuss TMI Unit 1 Proposed Technical Specification Amendment regarding Steam Generator Inspection Criteria.	NRC/GPUN EPRI/ Pennsylvania DER	R. Hernan
11/15/89 9:00-4:00		White Flint Bldg. Room 10B-11	To review information presented by BWROG regarding ATWS Diversity.	NRC/GE -BWROG	S. Newberry

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NRR MEETING NOTICES

November 3, 1989

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
11/16/89 10:00-12:00	50-311	White Flint Bldg. Room 14B-11	Discuss the licensee's proposal to not implement the semi-automatic switch-over feature of ECCS from injection to recirculation on Salem 2. Manual initiation will be used in lieu of the semi-automatic feature.	NRC/PSE&G	J. Stone
11/20/89 10:00-12:00		White Flint Bldg. Room 10B-13	Discuss fuel design criteria.	NRC/ Westinghouse	S. Wu

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NMSS Meeting NoticesDivision of Safeguards and Transportation

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
11/4-18		Vienna, Austria	To participate in annual review of IAEA proposed task for U.S. support program and participate in IAEA seminar on Safeguards Information treatment	C. Emeigh	C. Emeigh
11/14		Atlanta, GA	Presentation on State & Tribal Emergency Response Survey	Southern States Energy Board Advisory Comm. on Radioactive Material Transportation	C. MacDonald
11/22		Department of State	To participate in US Government Inter-agency meeting with IAEA Management Staff	NMSS	C. Emeigh
11/28-30		Hyatt Regency Bethesda Bethesda, MD	Security Training Symposium "Firearms & Explosives Recognition & Detection"	NRC DOE CIA FBI Licensees	P. Dwyer

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Division of Industrial and Medical Nuclear Safety

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
10/31- 11/12	M-32	West Valley, NY	To observe cold vitrification run at West Valley Demonstration Project	NMSS W. Bixby, DOE/WVPO DOE/RW, NE, & DP Reps	D. Hurt
11/6-7	M-32	OWFN, 4B-11	Meeting with West Valley Demonstration Project re: seismic analysis and LLW disposal (open)	NMSS W. Bixby, DOE/WVPO Dames & Moore Reps West Valley Nuclear Services Reps	D. Hurt
11/8 10:00 a.m.		OWFN	Discussion of licensing issues with Louisiana Energy Services (LES) (open)	NMSS LES - LeRoy, et al	P. Loysen

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Division of Low-Level Waste Management and Decommissioning

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
11/06-09		Canonsburg, PA	To inspect waste disposal sites	NMSS	M. Fliegel
11/15-16		Gaithersburg, MD	Technical Coordinating Committee	J. Summeier	J. Summeier

Division of High-Level Waste Management

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
None					

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NOVEMBER 3, 1989

RES Meeting Notices

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
<u>Director's Office</u>					
11/20-21/89		BNL Upton, LI, NY	Nuclear Safety Research Review Committee (NSRRC) Human Factors and Reliability Subc. meeting	NSRRC Subc. Members RES staff	R. Shepard 492-3723 F. Coffman 492-3520
12/7/-8/89		ANL Chicago, IL	Nuclear Safety Research Review Committee (NSRRC) Severe Accident Subc. meeting	NSRRC Subc. Members RES staff	R. Shepard 492-3723 F. Costanzi 492-3525
<u>Division of Regulatory Applications</u>					
11/14-15/89		Holiday Inn Inner Harbor Baltimore, MD	Public Workshop on Conversion to the Metric System		Z. Rosztoczy 492-3760
<u>Division of Safety Issue Resolution</u>					
11/13-14/89		Sheraton Reston Hotel, Reston, VA	Pubic Workshop on Technical and Policy Considerations for for Nuclear Power Plant License Renewal		D. Cleary 492-3936
<u>Division of Systems Research</u>					
1/18-19/90		Washington, DC Area	Attend NUREG-1150 Peer Review Committee Meeting	J. Murphy & M. Cunningham	M. Cunningham 492-3965
3/8-9/90		Washington, DC Area	Attend NUREG-1150 Peer Review Committee Meeting	J. Murphy & M. Cunningham	M. Cunningham 492-3965

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Office for Analysis and Evaluation of Operational Data

<u>Date/Time:</u>	<u>Docker Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
11/5-17		Palo Verde Site	Palo Verde Diagnostic Evaluation	AEOD	Marty Virgilio Stu Rubin
11/14-16		RIV	ERC Workshop	AEOD, Regions, Congressional Affairs, SLITP, NRR	Gary Zech

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November 3, 1989

Region I Meeting Notice

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
11/13/89 10:30 am	50-334	RI Office	Enforcement Conference DLC - Beaver Valley 1	Licensee and Selected RI Staff Members	Cowgill
11/16/89 9:30 am		RI Office	Enforcement Conference C. Chinwuba, MD	Licensee and Selected RI Staff Members	Gresick
11/17/89 10:00 am	50-271	RI Office	SALP Board Meeting VYNPC - Vermont Yankee	Licensee and Selected RI Staff Members	Blough
11/21/89 9:00 am	70-135 70-364	RI Office	Management Meeting B&W - Parks Township and Apollo	Licensee and Selected RI Staff Members	Roth
11/21/89 1:00 pm	50-387 50-388	RI Office	Enforcement Conference PP&LC - Susquehanna 1/2	Licensee and Selected RI Staff Members	Swetland
11/22/89 9:00 am	50-289	RI Office	Mid-Cycle SALP Management Meeting GPUN - TMI 1	Licensee and Selected RI Staff Members	Cowgill

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November 3, 1989

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>
11/06/89 8:00 a.m.		RII Office	SALP Board Meeting Grand Gulf facility	Selected Regional and HQs staff	Royes
11/08/89		Columbia, AL	Chairman Carr at the Farley facility for site familiarization	Chairman, Tech. Asst. and Regional Administrator	Carr
9:00 a.m. 11/08/89		RII Office	Enforcement Conference Duke Power Company - Oconee facility	Licensee, Act. DRA, and selected RII staff	Gibson
11/08/89		Raleigh, NC	Presentation of Certi- ficates to Harris Operators	Licensee, Operators, Acting Div. Dir for DRS and selected RII staff	Perkins
11/09/89 10:00 a.m.		Southport, NC	SALP Presentation CP&L - Brunswick	Licensee, Regional Admin. and selected Staff Members	Ebnetter
11/14/89 10:00 a.m.		RII Office	Management Meeting SCE&G - Summer	Same as above	Ebnetter
11/15/89 1:30 p.m.		RII Office	Enforcement Conference Alabama Power Company - Farley facility	Licensee, Regional Admin, and selected Staff Members	Ebnetter
		Surry, VA	Full Scale Emergency Exercise - Surry	Licensee representatives and selected RII staff evaluators	Sartor
11/16-17/89		Marriott Hotel Chattanooga, TN	RII Management Retreat	RA, DRA, Div. Dirs., RC, and Branch Chiefs	Ebnetter

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<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
11/20/89 10:30 a.m.		RII Office	SALP Board - Hatch	Selected RII Staff Members	Reyes
11/21/89 8:30 a.m.		RII Office	SALP Board - Vogtle	Same as above	Reyes
11/22/89 10:00 a.m.		RII Office	Enforcement Conference Alabama Power Co.-Farley	Licensee and selected RII Staff Members	Ebnetter

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Region III Meeting Notices

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees Applicant</u>	<u>NRC Contact</u>
11/07/89 1:00 pm	50-346	RIII Office	Management Meeting Toledo Edison - Davis-Besse	Licensee, Deputy Regional Administrator and selected RIII Staff Members	Greenman
11/08/89 9:00 am	50-331	RIII Office	Enforcement Conference Duane Arnold - Standby Gas Treatment	Licensee, Deputy Regional Administrator and selected RIII Staff Members	Greenman
11/08/89		IDNS	Commissioner Rogers Visit to Illinois Dept of Nuclear Safety	IDNS, Commissioner Rogers and selected RIII Staff Members	Lickus
11/09/89 1:00 pm	50-254 50-265	RIII Office	Management Meeting Commonwealth Edison - Control of Contractors at Quad Cities	Licensee, Deputy Regional Administrator and selected RIII Staff Members	Paperiello
11/14/89 1:00 pm	50-461	RIII Office	Management Meeting Illinois Power Co - Clinton	Licensee, Regional Administrator and selected RIII Staff Members	Davis
11/16/89 1:00 pm	50-483	RIII Office	Management Meeting Union Electric Co - Plant Performance at Callaway	Licensee, Regional Administrator and selected RIII Staff Members	Davis

ENCLOSURE Q

Region IV Meeting Notice

November 3, 1989

<u>Date</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>RIV Contact</u>
11/7 10:00	50-382	RIV Office	Waterford enforcement conference.	LP&L Mgmt; NPR; & RIV	DChamberlain
11/7 10:00	50-285	RIV Office	OPPD management - general discussions	FPeterson, WJones; RIV	TWesterman
11/7 1:00	50-382	RIV Office	LP&L management - Communications	LP&L, RIV	DChamberlain
11/30 9:00	All RIV Lic.	RIV Office	Operator Licensing issues.	All RIV	JPellet
11/30/89 9:00		URFO	Discuss Bear Creek Mill Reclamation Plan.	RMedlock, RCoppin	EHawkins

November 2, 1989

Region V Meeting Notice

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
11/28/89		San Francisco	J. Martin attending ANS Winter meeting in San Francisco	J. Martin	J. Martin
11/28/89 - 11/30/89		Bethesda, MD	Security Training Symposium	R. Pate M. Schuster NRC Licensees HQ Staff - Other Federal Agencies	N. Schuster
12/1/89	50-528 50-529 50-530	Phoenix, AZ	Palo Verde SALP Meeting with Licensee	J. Martin R. Zimmerman A. Chaffee and Licensee Staff	W. Ang

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