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UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 WASHINGTON, D. C. 20555

INFORMATION REPORT

SECY-90-390

November 28, 1990

For: The Commissioners
From: James L. Blaha, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING NOVEMBER 23, 1990

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
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 Assistant for Operations, OEDO

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 492-1703

NOTE: TO BE MADE PUBLICLY AVAILABLE IN 10 WORKING DAYS FROM THE DATE OF THIS PAPER AND UPON REMOVAL OF ENCLOSURE R

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HIGHLIGHTS OF WEEKLY INFORMATION REPORT

WEEK ENDING NOVEMBER 23, 1990

Seabrook

On November 13, 1990, New Hampshire Yankee (NHY) submitted two license amendment applications in conjunction with the reorganization plan ordered by the Bankruptcy Court as a resolution to the Public Service Company of New Hampshire (PSNH) bankruptcy proceedings. The reorganization plan involves the acquisition of PSNH by Northeast Utilities (NU).

The first amendment would authorize the North Atlantic Energy Corporation (a wholly-owned subsidiary of NU) to acquire and possess the PSNH interest in the Seabrook plant. PSNH currently owns approximately 36% of Seabrook.

The second amendment would authorize the North Atlantic Energy Service Company (a service company subsidiary of NU) to manage, operate and maintain the Seabrook plant as the agent for all the Seabrook co-owners.

The staff is closely following the Federal Energy Regulatory Commission (FERC) proceedings involving the PSNH reorganization plan and is currently evaluating both license amendments with regard to anti-trust considerations.

Non-Byproduct Material in Uranium Mill Tailings Piles

By letter dated November 16, 1990, the Department of Energy (DOE) responded to a Nuclear Regulatory Commission (NRC) request related to the disposal of Naturally Occurring and Accelerator Produced Radioactive Materials (NARM) and other low-activity (non-byproduct material) radioactive wastes in licensed commercial uranium mill tailings piles. DOE stated that they would not object to the transfer to their custody of remediated mill sites, under section 83 of the Atomic Energy Act, if those sites also contained NARM and other low-activity radioactive wastes. However, in order to ensure that DOE would not incur any additional costs related to those wastes, they suggested two findings that NRC would have to make before such a transfer: 1) that there be no adverse environmental impacts, and 2) that there be no outstanding environmental compliance issues. NRC had requested that DOE state its position on this subject so that we can provide guidance to licensees who were requesting permission to dispose of such wastes.

Second Building Status

The Office of Consolidation provided an updated analysis to the General Services Administration (GSA) of the added cost to the NRC of locating the second building a mile away rather than next door. The analysis is part of a larger review GSA is conducting of the economics of the latest Two White Flint North (TWFN) proposal made by the developer on November 2.

The GSA negotiator met with GSA Administrator Austin and Regional Administrator Handley during the week to report on the status of the negotiations with WFN and obtain guidance.

GSA requested a meeting next week with the developer to discuss the developer's latest proposal.

Office of Nuclear Reactor Regulation
Items of Interest
Week Ending November 23, 1990

River Bend Station, Unit 1

During an Inservice Inspection (ISI) performed in accordance with Section XI of the ASME Code and Generic Letter (GL) 88-01 in May 1989, Gulf States Utilities (GSU) identified an indication in the N4-A reactor vessel feedwater inlet nozzle to safe-end weld. The circumferential indication was identified in the safe-end side of the Alloy-182 weld in the buttered area. The indication was approximately 6.125 inches long and a maximum of 0.2 inches deep. The total weld thickness is 1.1 inches. GSU determined operation for Cycle 3 was acceptable based on a flaw evaluation and an assessment of growth rates and fracture mechanics. NRC reviewed the results and approved operation for another cycle.

During the mid-cycle outage in March 1990, the indication was examined and determined to be 6.625 inches long and 0.2 inches deep. However, GSU determined there was no growth in the indication because the seven percent change in the length was within the accuracy range of the ultrasonic sizing equipment. NRC reviewed the results and approved operation through the end of the cycle.

During the current refueling outage the indication was examined again. The indication has grown to 7.7 inches long and 0.33 inches deep. GSU and General Electric (GE) have evaluated the flaw. A phone call was held today with GSU, NRR projects and technical staff, the Region, and the resident inspectors to discuss the results of the evaluations and GSU's plans. GSU and GE have predicted the indication to be 9.3 inches long and 0.69 inches deep at the end of Cycle 4 (12000 hours). The Code allowable depth is 75% of wall thickness or 0.825 inches deep. Therefore, the predicted growth rates fall within this boundary. However, GSU plans a mid-cycle examination of the indication at approximately 7000 hours and if the measured depth is not bounded by the analysis, GSU will take action to repair the nozzle. NRC approval of the flaw evaluation is required before startup per GL 88-01. The technical staff has performed a preliminary review of the data and evaluations and has determined operation to the mid-cycle examination is acceptable. Startup is still officially scheduled for November 25, however, GSU is approximately four days behind schedule.

Seabrook

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The staff is closely following the Federal Energy Regulatory Commission (FERC) proceedings involving the PSNH reorganization plan and is currently evaluating both license amendments with regard to anti-trust considerations.

Wolf Creek Generating Station

By letter dated November 18, 1990, the licensee requested Region IV operator licensing personnel to observe reexamination of five licensed operators who failed to successfully complete the dynamic simulator portion of the NRC requalification examination. The purpose of this testing, scheduled for November 21, 1990, would be to allow these operators to resume control room watch as necessary to cover holiday vacations and sick leave. This request was necessitated by the earlier determination by Region IV that the Wolf Creek Operator Training Program is unsatisfactory.

During a November 20, 1990, telecon between the licensee, Region IV and NRR, it was agreed that Region IV would observe the licensee administered exam and that those operators passed by the Wolf Creek examiners would be eligible to stand watch as substitutes. The examinations will follow extensive remedial training administered to the affected operators. These individuals will still be required to pass an NRC administered requal. exam before being allowed to resume full shift work.

A management meeting is planned for December 6 in the Region IV office to further discuss root cause and corrective actions. In the November 18 letter from the licensee, the licensee indicated that during the last year their operator training department has experienced a 150% turnover in qualified licensed instructors.

Restart Schedule			
11/23/90			
<u>Plant</u>	<u>Shutdown</u>	<u>Commission Briefing</u>	<u>Plant Restart</u>
Browns Ferry 2	9/15/84C	3/91	3/91*

*Commission decision prior to restart authorization.

Office of Nuclear Material Safety and Safeguards
Items of Interest
Week Ending November 23, 1990

West Valley Demonstration Project

Department of Energy (DOE) and DOE contractor staff made a presentation to NRC management on November 20, 1990, on the West Valley Demonstration Project, reviewing the status of the project and upcoming activities. Emphasis was on the site closure Environmental Impact Statement (EIS) that DOE is co-authoring with the New York State Energy Research and Development Authority and on upcoming high-level waste processing activities, such as sludge washing and vitrification. NRC will review the safety of these activities, and will also prescribe decontamination and decommission requirements for site closure, as stipulated by the West Valley Demonstration Project Act. The draft EIS on site closure will be completed in July 1992. Sludge washing will begin in July 1991, and high-level waste vitrification is scheduled to start in early 1995.

Nuclear Fuel Services, Inc., Erwin, Tennessee

On November 13, 1990, staff from Region II and the Office of Nuclear Material Safety and Safeguards attended the Nuclear Fuel Services, Inc. (NFS), quarterly management meeting on the status of the plutonium facilities decommissioning project. The meeting was also attended by representatives from the Environmental Protection Agency and the State of Tennessee, as well as NFS' legal counsel and contractor, EcoTek. In mid-September 1990, NFS began compaction of the plutonium-contaminated gloveboxes. In addition, NFS has finalized arrangements with the Department of Energy (DOE) to ship greater than Class C plutonium waste to a DOE facility. Subsequent to the meeting, a tour of NFS' decontamination and volume reduction facility was conducted.

Battelle Columbus Division

Staff members from the Division of Industrial and Medical Nuclear Safety and Low-Level Waste Management, and the Office of the General Counsel staff met with representatives from Battelle Columbus Division (BCD) and the Department of Energy - Chicago Operations Office (DOE) on November 20, 1990, to review the status of activities at BCD and to discuss the authorities and responsibilities of the Nuclear Regulatory Commission and DOE in connection with decommissioning the BCD facilities. DOE has assumed the responsibility for about 90 percent of the cost and is overseeing the decommissioning under its Surplus Facilities Management Program. Several of the same facilities in which DOE work was conducted were also used for NRC-licensed work; thus, NRC continues to have authority and responsibility in connection with the decommissioning, and BCD continues to conduct licensed activities in other facilities at the Columbus, Ohio site. It was concluded that agreement between the two agencies about their respective authorities and responsibilities should be covered by an exchange of correspondence.

International Atomic Energy Agency (IAEA) Inspection at the General Electric Facility (GE)

A short notice random safeguards inspection by a three-member IAEA team was performed during November 15-16, 1990, at the GE low enriched uranium fuel fabrication facility in Wilmington, North Carolina. The IAEA audited the records and performed verification measurements on pure uranium dioxide and gadolinium-poisoned fuel rods. They also observed the verified fuel rods being assembled into bundles.

Midwestern States Transportation Meeting

On November 15-16, 1990, Transportation Branch staff participated in the Midwestern High-Level Radioactive Waste Transportation Committee meeting in Minneapolis, Minnesota. This was the second meeting of a newly formed committee which is supported by Department of Energy (DOE) through the Council of States Governments. The meeting was attended by representatives from seven midwestern states, DOE, DOE contractors, and utilities. The meeting focused on DOE status and plans for the high-level waste repository transportation system, the transportation system for the Waste Isolation Pilot Project, and vehicle safety inspections. A summary of the survey on emergency response capabilities of states and selected Indian Tribes to respond to transportation incidents involving radioactive materials was provided by the Indiana University project staff.

Rulemaking for Physical Protection of Special Nuclear Material In-Transit

Based on a Department of Energy/Nuclear Regulatory Commission (DOE/NRC) Transportation Safeguards Comparability review in 1988, it was concluded that the existing regulatory protection required for Category I material while in-transit via commercial carrier is not comparable to that provided by DOE's Safe Secure Trailer (SST) system. Presently, there are no commercial carriers licensed to transport Category I material. The DOE SST system is currently being used for all Category I licensed shipments.

In mid-1990, the Office of Nuclear Material Safety and Safeguards (NMSS) requested that the Office of Nuclear Regulatory Research to initiate a rule-making to strengthen the physical security requirements for Category I materials while in commercial transit to a level comparable to that afforded by DOE. NMSS also requested DOE's assistance to provide classified technical information on the SST system. DOE has advised the safeguards staff that before releasing the highly sensitive information to NRC, the NRC should go ahead to develop general performance requirements and system capabilities. These statements can then be used to show DOE why the classified information on the SST system is needed. This is a logical approach and the staff is proceeding in that direction.

Westinghouse Item Control System

The Westinghouse Commercial Nuclear Fuel Division item control program was the subject of review during a recent material control and accountability (MC&A) inspection. Westinghouse has established a comprehensive item control program which relies on bar-coding and interface between measuring devices and the

computer for data input. This is the first system of its kind in the nuclear fuel manufacturing industry to rely so completely on bar-coding and computers. All SNM items, including fuel rods, are bar-coded and lasers or light guns are used to read the code. All scales are tied into the computer. Processes, locations, operators and quality checks have also been assigned bar-codes. Consequently, during the July 1990 physical inventory, no discrepancies were identified between the physical inventory listing and the item monitoring system. The system is relied on by process engineering and quality control, as well as MC&A personnel.

Non-Byproduct Material in Uranium Mill Tailings Piles

By letter dated November 16, 1990, the Department of Energy (DOE) responded to a Nuclear Regulatory Commission (NRC) request related to the disposal of Naturally Occurring and Accelerator Produced Radioactive Materials (NARM) and other low-activity (non-byproduct material) radioactive wastes in licensed commercial uranium mill tailings piles. DOE stated that they would not object to the transfer to their custody of remediated mill sites, under section 83 of the Atomic Energy Act, if those sites also contained NARM and other low-activity radioactive wastes. However, in order to ensure that DOE would not incur any additional costs related to those wastes, they suggested two findings that NRC would have to make before such a transfer: 1) that there be no adverse environmental impacts, and 2) that there be no outstanding environmental compliance issues. NRC had requested that DOE state its position on this subject so that we can provide guidance to licensees who were requesting permission to dispose of such wastes.

NRC/DOE MOU on Uranium Mill Tailings Remedial Action (UMTRA) Project

In 1985, an NRC/DOE Memorandum of Understanding (MOU) was developed to establish mutually agreeable working procedures for executing the provisions of the Uranium Mill Tailings Radiation Control Act, Title I. Through a series of meetings, the NRC and DOE staffs have completed a modification of this MOU to reflect streamlining changes to the UMTRA Project review process and remedial action documentation. The MOU modification became effective on November 6, 1990.

American Nuclear Society Mixed Waste Workshop

The American Nuclear Society sponsored a mixed waste workshop in Washington, D.C. on November 15-16, 1990. During that workshop, the Environmental Protection Agency (EPA) Deputy Director of the Permit and State Programs Division, the Office of Solid Waste indicated that the concept of single-Agency jurisdiction over mixed waste seemed unlikely. In Legislative Session on November 16, 1990, staff representatives of NRC/EPA Congressional oversight committees voiced pessimism on the prospects of Congress addressing mixed waste issues.

Office of Nuclear Regulatory Research
Items of Interest
Week Ending November 23, 1990

Publication of NUREG/CR-5631 "Contribution of Maternal Radionuclide Burdens to Prenatal Radiation Doses," - Interim Recommendations

NUREG/CR-5631 was prepared for the Nuclear Regulatory Commission (NRC) by Battelle, Pacific Northwest Laboratories (PNL). This report is issued "For Comment," and it is being distributed to interested individuals and groups involved in radiation protection.

The report describes approaches to calculating and expressing radiation doses to the embryo/fetus from internal radionuclides. Information was obtained for selected, occupationally significant radioelements to provide a spectrum of metabolic and dosimetric characteristics. Fractional placental transfer and ratios of concentration in the embryo/fetus to that in the woman were calculated for these materials, and were integrated with data from biokinetic transfer models to estimate radioactivity levels in the embryo/fetus as a function of stage of pregnancy and time after entry.

It is anticipated that the methods and data set forth in this report will be used by the NRC in preparation of a Regulatory Guide describing acceptable methods of compliance with Section 20.208 of the revised 10 CFR Part 20. This section requires that each licensee shall ensure that the dose due to occupational exposure to an embryo/fetus during the entire pregnancy of a declared pregnant woman, does not exceed 0.5 rem. The dose to the embryo/fetus is required to be the sum of (1) the deep dose equivalent to the declared pregnant woman (paragraph 20.208(c)(1)); and (2) the dose to the embryo/fetus from radionuclides in the embryo/fetus and in the declared pregnant woman (paragraph 20.208(c)(2)).

Publication of NUREG/CR-5635 "Cellular and Molecular Research to Reduce Uncertainties in Estimates of Health Effects from Low-Level Radiation." A Feasibility Study.

The objective of the NRC sponsored study was to examine the feasibility of reducing the uncertainties in the estimation of risk due to protracted low doses of ionizing radiation through studies at the cellular and molecular levels. The idea that such studies would be timely was derived from the discovery of oncogenes, the development in the past 15 years of the techniques of recombinant DNA molecular biology, and the evident and significant progress that has been made in the characterization of certain human cancers in genetic terms.

The study was performed by Science Applications International Corporation with participation of eminent scientists from the Department of Radiology and Radiation Biology, Colorado State University, under the leadership of Professor Mortimer M. Elkind.

In addressing the question of feasibility, a review was made by the study group of the cellular, molecular, and mammalian radiation data that are

available; of the way in which altered oncogene properties could be involved in the loss of growth control that culminates in tumorigenesis; and of the progress that had been made in the genetic characterizations of several human and animal neoplasms. On the basis of this analysis, the study group concluded that, at the present time, it is feasible to mount a program of radiation research directed at the mechanism(s) of radiation-induced cancer with special reference to risk of neoplasia due to protracted, low doses of sparsely ionizing radiation.

NUREG/CR-5635 has been distributed to individual scientists and Federal agencies working in this field. The staff intends to explore with them the possibility of development of a coordinated program of research designed to improve the understanding of effects of low-level radiation.

Office for Analysis and Evaluation of Operational Data
Items of Interest
Week Ending November 23, 1990

Incident Response

Chief, IRB and staff met with Canadian atomic energy officials, members of Ontario Hydro, and officials of the province of Ontario during on November 19-23 to discuss issues in the area of incident response and exchange information regarding significant events at nuclear facilities near the Canadian-U.S. border. Specific issues included: formation of an Executive Team at the Atomic Energy Control Board (AECB), E-Mail and secure communications and AECB's role in emergency planning and response.

Preliminary Notifications

The following Preliminary Notifications were issued during the past week.

- a. PNO-V-90-44A, Southern California Edison, Songs Unit 1/2/3, Docket No. 50-206/361/362, San Clemente, CA., Large Brush Fire in Vicinity of Site - Update.
- b. PNO-V-90-46, Agreement State: California, Anaheim Memorial Hospital, Anaheim CA. License: #1555-30 (Hospital). Therapeutic Nucleonics, Valencia, CA. License: #4038-70 (Manufacturer). Federal Express, 6401 W. Imperial Highway, Los Angeles, CA. (Common Carrier), Loss of Brachytherapy Sources During Transit.
- c. PNO-V-90-47, Southern California Edison, San Onofre Unit 2, Docket No. 50-361, San Clemente, CA.. Inadvertent Actuation of Safety Injection and Containment Spray.
- d. PNO-II-90-69, Radiation Sterilizers, Inc. (RSI), Decatur, GA, (Agreement State Licensee), Public Meeting.
- e. PNO-II-90-71, Carolina Power and Light, Brunswick Steam Electric Plant, Docket No. 50-325 and 50-324, Units 1 and 2, Spurious Siren Activation.
- f. PNO-I-90-95, Boston Edison Company, Pilgrim Nuclear Power Station, Docket Number 50-293, Plymouth, Massachusetts, Radioactive Material Transported Off-Site as Non-Radioactive Material.

Office of Governmental and Public Affairs
Items of Interest
Week Ending November 23, 1990

NRC School Volunteers Program

On November 14, five volunteers from NRC visited Gaithersburg Intermediate School to be interviewed by 30 aspiring young scientists and engineers. The volunteers were Charlotte Abrams, ACNW; Marc Harper, AEOD; Mike Blackford, NMSS; and Alice Keller, NRR. A school newspaper article on the interviews is expected soon.

On November 20, Commissioner Rogers met with ten MARC scholars from Montgomery Blair High School to discuss the importance of pursuing scientific and engineering careers. Other participants from NRC included Mitzi Young, OGC; Frank Ashe, NRR; and Jessie Barnes, ADM.

On November 20, nine NRC volunteers participated in the annual Math Fair at Potomac Elementary School. Over 100 students explained to our "experts" their math projects which focussed on math in everyday life. The volunteers were Goutam Bagchi, NRR; Kisha Bush, ADM; Tommy Le, NRR; Erasmia Lois, RES; Nancy Markisohn, NRR; Emily Robinson, NMSS; John Isao, NRR; Dave Diehl, IRM; and Beth Hayden, PA.

Cal Rad Forum Annual Fall Conference

Frederick Combs, Assistant Director, State, Local and Indian Relations, and Dean Kunihiro, Region V State Liaison Officer, attended the Eighth Annual Fall Conference of the California Radioactive Materials Management (Cal Rad) Forum on November 19, 1990 in Tempe, Arizona. This year's conference was entitled "Low-Level Waste Disposal For the Southwestern Compact: Current Progress and Future Challenges". Chairman Carr gave the keynote address to the session. Representatives from US Ecology and the California Department of Health Services gave reports on the development and licensing of LLW disposal facility in California, the site for the Southwestern Compact. Other sessions included a panel discussion on NRC's revised Part 20 regulations, a report on legal challenges to the Low-Level Radioactive Waste Policy Amendments Act of 1985 and comments on the status of the California and National LLW disposal programs.

Exit Meeting on New York Radiation Control Programs Review

An exit meeting was conducted on the consolidated review of the New York Radiation Control Programs on November 19, 1990 in Albany, New York with representatives from the three State and New York City agencies which administer these programs. Preliminary staff findings were discussed. These findings will be reviewed by Regional and Headquarters offices and the results will be confirmed in a letter to the State. Harold Denton, Director, GPA, Carlton Kammerer, Director, State Programs, William Kane, Deputy Administrator, Region I, and John McGrath, Region I State Agreements Office, participated in the exit meeting.

Meeting with NYSERDA on LLW Storage Study

Harold Denton, Director, GPA, and Carlton Kammerer, Director, State Programs, were briefed by the New York State Energy Research and Development Authority (NYSERDA) on the status of its long-term LLW storage study on November 19, 1990 in Albany, New York. The FY 1990-91 New York State budget provided NYSERDA with \$800,000 to "establish and fund a study to examine existing on-site storage capacity and the ability to enhance such capacity to permit storage for a minimum period of ten years and to investigate the economic viability of establishing a separate centralized storage facility for Class A LLW as generated by hospitals, academic research and medical research." Although the study has not begun, the purpose of this briefing was to provide NRC with background on the scope and approach being taken in the study.

Pilgrim Task Force

Robert Trojanowski, Region II State Liaison Officer, participated in Pilgrim Task Force Meetings on November 19-20, 1990 in Rockville, Maryland.

Office of Administration
Items of Interest
Week Ending November 23, 1990

Louisiana Energy Services

On November 21, 1990, the Division of Security presented a status report on the joint classification guide for the LES project at the LES pre-licensing coordination meeting. The update included issues on the guide raised during the latest round of consultations held in Almelo, the Netherlands, from November 5th to November 8th.

Access Control System

GSA has completed installation of the new Bethesda area integrated access control and alarm system. This new system is the same as the OWFN system and employees can now use a single identification card for access to all Headquarters facilities. All Bethesda area alarms are also monitored by this computer based system. New separate alarm panels have been installed for each of the 23 Bethesda alarm zones.

Significant FOIA Requests Received by the NRC For 4-Day Period of
November 16, 1990 - November 21, 1990

Request for a list of current NRC contracts. (Earl Hemmila, FOIA-90-515)

Request for a copy of the proposal in response to RFP RS-PER-90-329. (Grady Poole, Graduate School, USDA, FOIA-90-517)

Request for a copy of NRC's 1991 Agency Budget Document. (Robert Hardesty, Soft Warehouse, FOIA-90-518)

Request for records relating to compliance, enforcement and/or violations for specified facilities. (Robert Fatovic of Hanocho Weisman, FOIA-90-519)

Request for copies of final records related to enforcement actions against licensed or non-licensed individuals. (David Teague of Winston & Strawn, FOIA-90-520)

Request, on behalf of her client, records related to (1) the "black list" prepared by TVA; (2) the abolishment of Engineering Assurance at TVA and the revision of the quality assurance organization; and (3) John Glenn's investigation of the relation between NRC, DOL and TVA. (Dorothy Stulberg of Mostoller and Stulberg, FOIA-90-521)

Request for (1) agreements between the NRC and the States of Washington, Nevada, South Carolina, New York, Kentucky and Illinois related to regulatory authority for radioactive materials and (2) the licenses for the radioactive waste disposal facilities located in the above States. (Mick Karmazin, Nuckolls County Nuclear and Hazardous Waste Monitoring Committee, FOIA-90-523)

Request for all non-reactor incidences reported to the NRC by Yale University and Yale-New Haven Hospital in 1989 and 1990. (Melinda Tuhus, Advocate, FOIA-90-524)

Request for records relating to an August 13, 1990 meeting between the NRC and Sequoyah Fuels Corporation. (Lance Hughes, Native Americans for a Clean Environment, FOIA-90-526)

Request for records regarding mobile evaporation and incineration. (Joseph Houck, Nuclear Information and Resource Service, FOIA-90-527)

Office of Information Resources Management
Items of Interest
Week Ending November 23, 1990

1. Harvard Graphics Templates

Automated Graphics has designed and produced a set of master templates and documentation for Harvard Graphics. This will permit persons without design and graphics training to create charts that communicate well and meet agency standards. The templates have been tested by the ITS Training Lab and are included in the Harvard Graphics course. They are also being distributed for test by staff from various program offices and the ITS Support Center. Tojuana Fortune, a rotational employee, is coordinating the distribution of the templates and the test group comments.

2. Foreign Travel Tracking System

Preliminary work is underway to develop a foreign travel tracking system for the EDO. Initial study of existing data and all known requirements indicates that a system meeting the functional needs of the EDO can be developed by staff in-house without contract resources. A schedule for this project is being developed and will be submitted during the week of November 26-30.

Office of Personnel
Items of Interest
Week Ending November 23, 1990

Recruitment Efforts Continue

Representatives from NRR, NMSS, AEOD, and OP conducted interviews at the American Nuclear Society Winter Conference at the Sheraton Washington Hotel, Washington, DC, November 11-14, 1990. Forty students expressed interest in the NRC, and five were recommended for further interviews.

Representatives from RIII, RIV, and NMSS conducted interviews at the Minority Job Fair at the University of Cincinnati, Cincinnati, OH, on November 13, 1990. Forty students expressed interest in the NRC, and five were recommended for further interviews.

Representatives from NRR, NMSS, AEOD, and OP conducted interviews at the BPI Technical Job Fair, Tysons Corner, VA, on November 19-20, 1990. One hundred fifty individuals were interviewed, and fifteen were recommended for further interviews.

Arrivals

COLACCINO, Joseph	GG-14	Mechanical Engineer (PFT)	NRR
IBARRA, Vicki	GG-06	Secretary (PFT)	IRM
PEACOCK, Karen	GG-05	Resident Office Assistant (OPFT)	RI

Departures

CRAMER, David	GG-06	Senior Courier (PFT)	IRM
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Office of Enforcement
Items of Interest
Week Ending November 23, 1990

Significant Enforcement Action

A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$3,750 was issued on November 23, 1990 to Milwaukee County Medical Center, Milwaukee, Wisconsin. The action was based on numerous violations that, in the aggregate, represent a significant lack of management control of licensed activities. The base civil penalty was escalated 50% because NRC identified the violations. (EN 90-102)

Civil Penalties Paid

1. Arizona Public Service (Palo Verde) paid the civil penalty in the amount of \$125,000. The action was based on the failure to ensure the adequacy of the emergency lighting system. QA Program requirements for Test Control and Corrective Action were not applied to portions of the fire protection system. In addition, various emergency lighting units in the Control Room, Control Building, and Auxiliary Building were not capable of operating for the specified eight hours. The civil penalty was escalated 50% for NRC identification and 100% for poor past performance with emergency lighting. (EA 90-121)
2. Georgia Power Company (Vogtle) paid the civil penalty in the amount of \$40,000. The action was based on a Severity Level II violation for the licensee's failure to promptly report the declaration of a Site Area Emergency to state and local authorities. A Severity Level IV violation was also cited for the failure to develop adequate procedures to ensure timely closing of the containment equipment hatch. The base amount of the civil penalty was mitigated by 50% due to the licensee's prompt and extensive corrective actions. (EA 90-125)
3. GPU Nuclear Corporation (Oyster Creek) paid the civil penalty in the amount of \$75,000. The action was based on the failure of the licensee to properly implement its licensed operator requalification program. Inadequate examination grading practices resulted in the issuance of passing grades to two licensed individuals who failed their biennial requalification written examination administered by the licensee. The civil penalty was escalated 50% because the NRC identified the violation. (EA 90-148)

Office of Consolidation
Items of Interest
Week Ending November 23, 1990

Second Building Status

The Office of Consolidation provided an updated analysis to the General Services Administration (GSA) of the added cost to the NRC of locating the second building a mile away rather than next door. The analysis is part of a larger review GSA is conducting of the economics of the latest Two White Flint North (TWFN) proposal made by the developer on November 2.

The GSA negotiator met with GSA Administrator Austin and Regional Administrator Handley during the week to report on the status of the negotiations with WFN and obtain guidance.

GSA requested a meeting next week with the developer to discuss the developer's latest proposal.

TAP Meeting with new County Executive

At a November 13 meeting of the Transportation Action Partnership (TAP) Executive Committee, of which the Director, CONS, is a member, Montgomery County Department of Transportation Director, Robert McGarry, informed the Executive Committee that the County probably would not provide funding support for TAP beyond the current fiscal year which ends June 30, 1991. The County Department of Transportation provides about 30 percent of the total funding for the three-year-old TAP's activities. The remainder of the funding comes from member subscriptions.

The Executive Committee requested a meeting with Councilman Neal Potter to discuss the future of the County's relationship with the organization. Councilman Potter will take office as Montgomery County Executive on December 3, 1990.

Region I
Items of Interest
Week Ending November 23, 1990

1. Nine Mile Point 2

Nine Mile Point 2 Operator Requalification Program is now returned to a satisfactory status. The program was declared unsatisfactory as a result of an evaluation in July 1989.

The July 1989 program evaluation identified several weaknesses in the individual operator performance and the Nine Mile Point 2 requalification program. Based on this evaluation, the program was determined to be unsatisfactory. In accordance with an NRC initiative, the licensee in a letter dated August 10, 1989, provided a Justification for Continued Operation (JCO) and initiated a Requalification Program Corrective Action Plan. An NRC reevaluation of the program in April 1990 concluded that the corrective actions were essentially complete and generally effective and that a significant improvement in the requalification program was evident. However, certain short term corrective actions and one long term corrective action were not fully complete at the time of the reevaluation. The licensee, on May 31, 1990, certified that all short term corrective actions were completed. On November 7, 1990, the licensee confirmed that the remaining long term corrective action was completed prior to October 31, 1990. A review of documentation assured that the corrective actions have been completed and were satisfactory. The April 1990 reevaluation of the program had also concluded that the program met all criteria for a satisfactory status. Accordingly, the program is now returned to a satisfactory status.

2. Indian Point 2

On Wednesday, November 14, 1990, the Consolidated Edison Company of New York conducted a full-participation exercise at Indian Point 2. The exercise, which was observed by FEMA and NRC, escalated from an Unusual Event through a General Emergency. The New York State Office of Emergency Management, the host County, Westchester, and the three surrounding Counties participated.

3. Calvert Cliffs

Calvert Cliffs Unit 2 started fuel reload Tuesday, November 20. As of 8:00 a.m. on November 21, eight fuel elements had been loaded. Refueling is expected to be complete by December 2. Resident Inspectors are monitoring refueling activities.

4. Philadelphia Electric Company

A Management Meeting was held with Philadelphia Electric Company on Tuesday, November 20, to discuss their Early Retirement Program. The program involves only 6% of the total nuclear group and helps get to the previously targeted personnel numbers. The Program appears to be well

planned and will be phased in over the next two years; PECO believes it will improve safety culture.

5. Ginna

The Ginna SALP Management Meeting was held on Tuesday, November 20, to discuss the results of the SALP Board. Region I Management and NRR Management attended the meeting which was held at the Ginna site.

6. Vermont Yankee

A Management Meeting was held with Vermont Yankee on Monday, November 19, to discuss operating philosophy involving off-normal plant conditions and handling of allegations.

Region II
Items of Interest
Week Ending November 23, 1990

1. Death of Former Regional Director

Norman C. Moseley, former NRC Regional Director, died of cancer Saturday, November 17, at his home in Dunwoody, Georgia. Funeral services were held on Tuesday, November 20, at St. Lukes Presbyterian Church in Dunwoody, Georgia.

2. Tennessee Valley Authority

On November 19, the Regional Administrator, Public Affairs Officer, and members of the TVA Projects staff attended a public meeting with TVA at the Browns Ferry site to discuss the restart schedule, the separation of Units 1 and 3 from Unit 2, and to present operator certificates to ten newly licensed operators.

3. American Nuclear Society

On November 20, the Regional Administrator was a guest speaker at the evening meeting of the Chattanooga Chapter of the American Nuclear Society in Chattanooga, Tennessee.

4. Virginia Electric and Power Company

On November 20, Commissioner Curtiss, accompanied by the Director, Division of Radiation Safety and Safeguards, and a Division of Reactor Projects Branch Chief, toured the Virginia Electric and Power Company's North Anna facility.

5. Carolina Power and Light Company

During the morning of November 17, 1990, one of the sirens for the Brunswick County portion of the Public Notification System spuriously activated. CP&L maintenance personnel attributed the activation to a bad capacitor. Preliminary reports indicated two sirens were activated. However, a meeting involving CP&L and local officials disclosed only one siren was activated (located at Caswell Beach). During the morning of November 17, 1990, the Brunswick County Emergency Management Agency issued two emergency broadcast messages to inform the public regarding the spurious activation. A silent test was conducted on November 18, 1990, and no problems were noted. As a follow-up, on Monday, November 19, 1990, the licensee conducted a test of randomly selected sirens within the 10 mile emergency planning zone. No problems were noted. As of November 19, 1990, the system was considered fully operational. The Emergency Preparedness staff will follow-up on this matter during a future inspection.

6. Radiation Sterilizers, Inc.

In the spring of 1988, an irradiation source containing cesium-137 leaked during routine operation of the Radiation Sterilizers, Inc. (RSI) facility.

Portions at the facility were contaminated as a result of this leak. DOE and State of Georgia have been working cooperatively since June 1988 to remove the radioactive cesium sources and the radioactive contamination in the facility. During that period NRC has maintained oversight of activities at RSI.

On November 19, 1990 the last three sources were removed from the RSI pool and shipped to DOE. Decontamination of RSI facility is expected to take at least another six months. In a meeting of the local county Commission (DeKalb County, Georgia) on November 13, 1990, the Commission voted 4 to 3 not to allow the discharge of slightly contaminated water (20 pCi/l, Cs-137) to the sanitary sewer system. Other options for the disposal of the water are currently being evaluated.

7. Navy Radiation Safety Committee

Captain John Collins, Chairman, Navy Radiation Safety Committee has been replaced in that position by CDR (Capt. Select) Fred Clements. Capt. Collins is moving on to a billet at the Naval Academy. This change is in effect at this time. The next quarterly meeting of the Radiation Safety Committee is scheduled for December 20, 1990 in Crystal City, VA. Region II will attend.

8. Florida Power and Light Company - St. Lucie

St. Lucie Unit 2 refueling outage has been extended due to repairs required in the Train B component cooling water heat exchanger. The repairs were performed to correct two small leaks in the tube sheet/shell weld joints. The root cause was identified as lack of fusion between the weld material and carbon steel shell during the fabricating process and the stresses induced during a recent retubing of the heat exchanger. The heat exchanger has been in service for over seven years and there has been no previous indication of a weld defect. The repairs were hydrostatically tested at eleven percent of its design pressure prior to returning the systems to service.

Region III
Items of Interest
Week Ending November 23, 1990

1. Point Beach Nuclear Plant

A. Bert Davis, Regional Administrator, and members of the regional and headquarters staffs met on November 19, 1990, at the Point Beach Nuclear Plant with representatives of Wisconsin Electric Power Company to review the Systematic Assessment of Licensee Performance (SALP) report for the Point Beach plant.

2. D. C. Cook Nuclear Power Plant

Dr. Carl J. Paperiello, Deputy Regional Administrator, and members of the regional staff held an Enforcement Conference in the Region III office with representatives of American Electric Power Service Corporation to discuss apparent violations identified during the recent 10 CFR 50, Appendix R, Post-Fire Safe Shutdown Inspection conducted at the D. C. Cook Nuclear Power Plant. Topics discussed were the root causes of the apparent violations, safety significance, and corrective actions, and as applicable, the programs underway to prevent recurrence of the deficiencies.

3. Meeting with Environmental Protection Agency (EPA)

Mr. C. E. Norelius, Director, Division of Radiation Safety and Safeguards, and Mr. D. Sreniawski, Project Director for Contaminated Sites, met with representatives of EPA Region VII in Kansas City, Kansas, on November 21, 1990 to discuss possible areas of cooperation between the two agencies regarding the cleanup of Westlake Landfill in St. Louis. The meeting participants generally agreed to cooperate in this endeavor, with many details remaining to be addressed. Representatives from the State of Missouri and the Department of Energy also attended the meeting. The State representatives expressed their gratification of the Federal government interest in assuring cleanup of the Westlake Landfill.

Region IV
Items of Interest
Week Ending November 23, 1990

1. Significant Meeting Notice

The Chief, Nuclear Materials and Safeguards Inspection Section, Region IV, gave a presentation on radiographer certification before the Greater Houston Section of the American Society for Nondestructive Testing on Saturday, November 17, 1990.

2. Fort Calhoun Station Manual Trip

At 4:29 p.m. CST on November 19, 1990, the Fort Calhoun Station was manually tripped from 100 percent power due to the degradation of the instrument air (IA) system. It was found that a sil-brazed joint on the 2-inch IA ring header for the turbine building had catastrophically failed and fully separated offering no restriction to loss of air from the header. At approximately 4:33 p.m., manual ball valves on each side of the leak were shut and the leak was isolated. The resident inspector was onsite and observed the licensee's response to this event. It appeared that all safety systems functioned as designed.

The IA header was repaired by 6 p.m. and normal IA pressure was restored at 6:15 p.m.

The plant is currently in hot shutdown and stable. The licensee stated that, prior to resuming criticality, it will install a modification on all similar sil-brazed joints on the turbine building IA header, which will keep the joints "seated" in the event of failure of the brazing. The licensee has previously installed this modification on the auxiliary building header.

Region V
Items of Interest
Week Ending November 23, 1990

1. Palo Verde Nuclear Generating Station

In a letter dated November 15, 1990, the licensee informed the NRC of the payment of the proposed civil penalty of \$125,000 related to emergency lighting at Palo Verde. The licensee agreed that it did not implement all of the applicable Quality Assurance commitments stated in the facility Updated Final Safety Analysis Report and that some emergency lights were not available during certain periods of time. The NRC staff will be reviewing the licensee's response and corrective actions in future inspections.

2. Fewell Geotechnical Engineering

An enforcement conference was held on November 20, 1990, at the licensee's office to review the findings related to the inspections of the licensee's radiographic operations on October 4, 23, 25, and 26, 1990. The inspections identified significant safety issues relating to failures to do radiation surveys and lack of management oversight of the safety program by the RSO and the president of the company.

ITEMS ADDRESSED BY THE COMMISSION - WEEK ENDING NOVEMBER 23, 1990

- A. STAFF REQUIREMENTS - PERIODIC MEETING WITH THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS (ACRS), 2:00 P.M., THURSDAY, NOVEMBER 8, 1990, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY to Carlyle Michelson, Chairman, ACRS dated 11/26/90

The Commission was briefed by the Advisory Committee on Reactor Safeguards (ACRS) on the following issues:

- o Essentially complete design
- o Decoupling siting and source term
- o Resolution of Generic Safety Issue B-56, diesel generator reliability
- o Containment design criteria for future plants
- o Systematic Assessment of Licensee Performance

The ACRS was represented by the following individuals:

Carlyle Michelson, Chairman
Harold W. Lewis
David A. Ward
James C. Carroll
Chester P. Siess
William Kerr
Paul G. Shewmon
Ivan Catton
J. Ernest Wilkins, Jr.

The issue of level of design detail required for certification of a standardized design was discussed, with particular emphasis given to the fact that different levels of detail were appropriate for different systems, and that whatever is required for safety evaluation must be provided. SECY-90-377 was issued on 11/8/90 and the ACRS committed to respond to the staff's recommendation in December. The Commission asked that the Committee comment on (1) what information in an application for design certification should be codified in a manner that cannot be changed without an amendment or exemption and (2) what process should be used for changing the design below that level of detail, keeping in mind the objective of encouraging standardization.

Commissioner Curtiss commented that the Committee's effort in formulating containment design criteria for future plants could become a critical path item for the passive plants and encouraged the Committee to keep this in mind in determining their schedule for completing this initiative.

The ACRS requested that it be informed of the Commission's resolution of issues in cases where the staff advises the Commission of a disagreement between it and the ACRS. The Commission agreed to indicate its position on the disagreement through its normal decision making process, such as Staff Requirements Memoranda or letters to the ACRS. In the specific case discussed at the briefing, Resolution of Generic Safety Issue B-56, "Diesel Generator Reliability" (SECY-90-340), the paper was converted to a Notation Vote paper on October 31, 1990 and the Commission decision will be documented in a Staff Requirements Memorandum upon completion of the voting process.

NRR MEETING NOTICES

November 23, 1990

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
12/03/90 1:00-3:00	None	One White Flint North Room 8B-11	Meeting with CE to discuss the use of Erbia Burnable Absorbers.	NRC/CE	L. Kopp
12/06/90 1:30-5:00	None	One White Flint North Room 8B-11	Meeting with Emergency Procedures Committee to discuss BWR Emergency Procedure Guidelines.	NRC/BWR Owners	G. Thomas
12/11/90 9:30-12:00	50-325 50-324	One White Flint North Room 14B-13	Meeting with Carolina Power & Light Co. to discuss the status of licensing actions.	NRC/CP&L	Ngoc Le
12/13/90 1:30-4:30	50-244	ABB Impell 200 South Street Waltham, MA	Meeting with Rochester Gas & Electric Corp./Impell to discuss results of the seismic model.	NRC/RG&E/IMPELL	A. Johnson
12/18/90 8:00-2:00	None	One White Flint North Room 2F-17	Meeting with EPRI to discuss recent research activities related to Bulletin 88-08.	NRC/EPRI	B. Mozafari
12/18/90 9:00	50-458	One White Flint Room 1F-22	Meeting with Gulf States Utilities to discuss detailed data and physics and transient reports.	NRC/GS	C. Abbate
12/19/90 8:30-3:00	None	One White Flint North Room 14B-11	Meeting with BWROG to update Long Term Solutions progress and information on material to be presented in Topical Report.	NRC/GE/BWROG/ ORNL	H. Richings

* 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.

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT ATTENDEES</u>	<u>NRR CONTACT</u>
01/09/90 8:30-12:00	None None	One White Flint North Room 8B-11	Meeting with BWROG on BWR Thermal HYDRAULIC STABILITY	NRC/GE/BWROG/ORNL	H. Richings

NOVEMBER 23, 1990

ENCLOSURE 0

Division 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>
11/26	12-9	Ft. St. Vrain			
11/27-28	70-143	NFS Erwin, TN	Complete ISFSI Physical Security Plan review	NRC	
12/6-7	70-371	UNC Naval Products Erwin, TN	Review physical security upgrade schedule and installation	NRC	
12/12 9:00-11:30	OWFN 1F-22		Discuss physical protection strategy during operations phase-out	NRC	C. Gaskin
01/16/91 9:00-11:30	OWFN		BR-100 Spent Fuel Ship. Cask, Thermal Analysis	NRC DOE B&W	E. Easton
			BR-100 Spent Fuel Ship. Cask, Crit. & Shield.	NRC DOE B&W	E. Easton

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>
None					

November 23, 1990

NMSS Meeting Notices

Division 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>
11/26	12-9	Ft. St. Vrain	Complete ISFSI Physical Security Plan review	NRC	C. Gaskin
11/27-28	70-143	NFS Erwin, TN	Review physical security upgrade schedule and installation	NRC	C. Gaskin
12/6-7	70-371	UNC Naval Products Erwin, TN	Discuss physical protection strategy during operations phase-out	NRC	C. Gaskin
12/12 9:00-11:30		OWFN 1F-22	BR-100 Spent Fuel Ship. Cask, Thermal Analysis	NRC DOE B&W	E. Easton
01/16/91 9:00-11:30		OWFN	BR-100 Spent Fuel Ship. Cask, Crit. & Shield.	NRC DOE B&W	E. Easton

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>
None					

NOVEMBER 23 1990

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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>
11/27-29		Tallahassee, FL	To present Mixed Waste Workshop to the state of Florida	NRC	N. Orlando
12/3-6		Knoxville, TN	To Attend DOE Workshop on Radioactive Hazardous and or MW Sludge Management	NRC DOE	M. Tokar
12/11		Germantown, MD	To participate in DOE/NRC management meeting	NRC DOE	D. Gillen
12/12		Rockville, MD	To participate in DOE/NRC Workshop on Alternative Concentration Limits in UMTRA Program	NRC DOE	S. Wastler

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>
11/28-29		Albuquerque, N	Technical Exchange on Performance Assessment with DOE and State of Nevada	NRC DOE EPA State of Nevada Affected Local Governments	M. Delligatti
12/13		OWFN 6B-11	To discuss and schedule interactions between NRC and DOE	NRC DOE State of Nevada Affected Local Governments	J. Holonich

NOVEMBER 23, 1990

ENCLOSURE 0

Office for Analysis and Evaluation of Operational Data

November 23, 1990

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
11/29		FEMA, RIII Phila., PA	To discuss date, location and scope of FFE-3	State of PA, Susquehanna, Beaver Valley, FEMA HQ. and Region II, NRC HQ and RI.	Gary Zech
12/03-07		Oyster Creek	Diagnostic Evaluation (Final Week)	AEOD/DEIIB Staff	Chris Grimes

NOVEMBER 23, 1990

ENCLOSURE 0

November 2, 1990

Region I Meeting Notices

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
12/04/90 1:30 p.m.	50-272 50-311	Region I	Management Meeting PSE&G - Salem	Selected RI Staff Members & Licensee	Swetland
12/04/90 9:00 a.m.	50-245/ 336/423	Region I	Enforcement Conference NNEC - Millstone	Selected RI Staff Members & Licensee	Haverkamp
12/10/90 9:30 a.m.	50-443/ 50-444	Region I	SALP Board Meeting PSNH - Seabrook	Selected RI Staff Members	McCabe
12/11/90 1:30 p.m.	50-247	Region I	Management Meeting Con Ed - Indian Pt. 2	Selected RI Staff Members & Licensee	Cowgill

NOVEMBER 23, 1990

ENCLOSURE 0

November 23, 1990

RII MEETING NOTICE

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>ATTENDEES/ PURPOSE</u>	<u>APPLICANT</u>	<u>NRC CONTACT</u>
11/27/90 p.m.		Waynesboro, GA	Presentation of Certificates to newly licensed operators at Plant Vogtle	Regional Administrator, Licensee management, and operators	Ebnetter
11/28-30/90		RII Office	Regional Meeting for all Senior and Resident Inspectors	Resident Inspectors, selected guest speakers, and Regional management	Reyes
12/05/90		Hollywood, AL	Com. Remick and Tech. Asst. at Bellefonte Facility for site familiarization	Commissioner, Tech. Asst., and DRS Director	Gibson
12/06/90		Athens, AL	Com. Remick and Tech. Asst. at Browns Ferry Facility for site familiarization	Commissioner, Tech. Asst., and Regional Administrator	Ebnetter
12/10/90 p.m.		Richmond, VA	Presentation of Certificates to newly licensed operators at Virginia Power	Regional Administrator, Licensee management, and operators	Ebnetter

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>
12/04/90	50-155	Site	Consumers Power Company, Big Rock Point - Exercise	Licensee, Regional Administrator and selected members of RIII staff	Norelius
12/06/90 1:00 p.m.	50-282 50-306	Region III	Northern States Power Company, Prairie Island- Management Meeting	Licensee, Deputy Regional Administrator and selected members of RIII staff	Miller
12/10/90	50-315 50-316	Site	Indiana Michigan Power Company, D. C. Cook - Commissioner Visit	Licensee, Commissioner Curtiss, Deputy Regional Administrator and selected members of RIII staff	Miller
12/11/90 1:00	50-456 50-457	Site	Commonwealth Edison Company, Braidwood - Management Meeting	Licensee, Deputy Regional Administrator and selected members of RIII staff	Miller
12/11/90	50-346	Region III	Toledo Edison Company, Davis Besse - Management Meeting	Licensee, Director, Division of Reactor Projects, and selected members RIII staff	Miller
12/11/90	50-373 50-374	Site	Commonwealth Edison Company, LaSalle - Commissioner Visit	Licensee, Commissioner Curtiss, Director, Division of Radiation Safety and Safeguards	Miller
12/12/90	50-331	Region III	Iowa Electric Company, Duane Arnold Energy Center - Routine Management Meeting	Licensee, Director, Division of Reactor Projects and selected members RIII staff	Miller
12/20/90	50-373 50-374	Site	Commonwealth Edison Company, LaSalle - Systematic Assessment of Licensee Performance	Licensee, Deputy Regional Administrator and selected members RIII staff	Miller

NOVEMBER 23, 1990

ENCLOSURE 0

NOVEMBER 23, 1990

November 23, 1990

Region IV Meeting Notice

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
12/13/90 2:00	50-498; 50-499	RIV Office	Discuss operational improvement program.	HL&P Mgmt.	A.Howell

ENCLOSURE 0

November 23, 1990

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>
12/14/90	N/A	Region V	Region V QA Managers Meeting	J. Martin DRSP/DRSS Supervisors	R. Zimmerman

NOVEMBER 23, 1990

ENCLOSURE 0