

PDR

December 27, 1990

For: The Commissioners

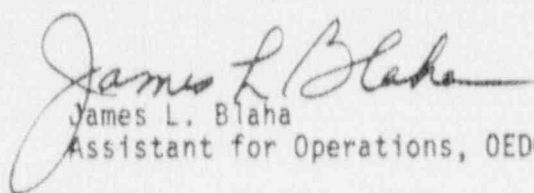
From: James L. Blaha, Assistant for Operations, Office of the EDO

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING DECEMBER 21, 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.


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 492-1703

HIGHLIGHTS OF WEEKLY INFORMATION REPORT

Week Ending December 21, 1990

International Atomic Energy Agency (IAEA) Inspection at the B&W Facility

On December 14, 1990, an IAEA team initiated an announced inspection at the B&W Fuel Company in Lynchburg, Virginia. The team audited the facility ledger, weighed and performed nondestructive measurements on pellets and sampled pellets for destructive analysis.

Receipt of Site Characterization Analysis Comment Responses

On December 14, 1990, the U.S. Department of Energy (DOE) submitted their responses to the Division of High-Level Waste Management (HLWM) relative to the staff's previously expressed concerns of the DOE Site Characterization Analysis (SCA). Overall, the HLWM staff identified 198 concerns which were classified as either objections, comments, or questions. In its letter, DOE stated that its responses were focused on ways of improving the site characterization program rather than revising the information contained in its SCP. The staff will review the SCA responses to determine acceptability.

Fall 1990 Combined Federal Campaign Closes with Record-Breaking Results

The Fall 1990 CFC closed with NRC's contribution exceeding all previous records. Last year's unprecedented contribution of \$242,000 was surpassed, with this year's contribution totalling approximately \$260,000.

Seabrook

The Seabrook full-participation exercise was completed on December 13, 1990. No weaknesses were identified in the licensee's response. FEMA has completed a preliminary review of the observations provided by over 130 observers and presented these findings at a public meeting in Seabrook on December 17, 1990. Although preliminary, none of the problems identified have been classified by FEMA as deficiencies.

Office of Nuclear Reactor Regulation
Items of Interest
Week Ending December 21, 1990

Palisades

Steam Generator Replacement Project (SGRP)

Weld examination (RT) of the primary coolant system cold leg piping continued throughout last week. Identifications on the RT examinations, initially thought to be imperfections in the "cap welds", have proven to exist at various locations through the depth of the weld (including several imperfections at the weld root). Manual "stick" weld repairs are ongoing on six of the eight cold leg welds. These repairs will cost the utility approximately two weeks of critical path putting them about 10 days behind schedule.

A conference call was held on Friday afternoon, December 14, 1990, to discuss the issue. Representatives from NRR (Projects and Materials & Chemical Engineering), Region III (Projects and DRS), Consumers Power Company Management, and Palisades and Bechtel technical staff participated. The imperfections do not appear to indicate a lack of fusion, but rather, porosity in the new weld material. Root cause determinations are progressing. Two possible causes are insufficient gas supply during the welding process and impurities from the base material.

Containment Liner Welding

The weldments required for the repair of the steel liner plate cut-out were found to have defects, such as slug inclusions and high porosity at localized areas. Spot radiography of the welding was expanded to 100% as a result of these problems. Defective weldments were subsequently repaired and accepted by the authorized inspector. The concrete backing for the liner was successfully placed last week.

Update of Washington Public Power Supply System Plans for Washington Nuclear Plant, Units 1 and 3 Licensing and Hearing Process

The Washington Public Power Supply System (the Supply System) informed the staff of an update to their plans for potential restart of the licensing and hearing processes for Washington Nuclear Plant (WNP) Units 1 and 3. In an October 18, 1990 meeting, the Supply System indicated that they were investigating the possibility of restarting the licensing and hearing processes to reduce the associated uncertainties on WNP 1 and/or 3 before restarting construction activities. The Supply System indicated by a telephone call on December 13, 1990 that they were scaling back their plans because of budgetary considerations. They currently plan to identify and pursue the 20 or so existing or new issues for each plant that have the most impact on potential licensing or cost of constructing the WNP Units 1 and 3.

The Supply System envisions this program as lasting over a two to three year period and would request NRR review of the identified issues. They will identify topics and schedules for submittals to NRR as soon as possible after

approval of the associated budgets for this work. The Supply System plans to (1) present this option and associated budget requirements to their Board and Bonneville Power Administration on the week of December 17, 1990, (2) seek approval for the rest of the fiscal year in late January, and (3) seek preliminary approval for the rest of the program in April and final approval in June. This effort is in response to the Northwest Power Planning Council's request to reduce the uncertainties associated with the option of producing electrical power from WNP Units 1 and/or 3.

Nonpower Reactor Operator Requalification Examinations

On December 12 and 13, 1990, the Operator Licensing Branch (LOLB) conducted a pilot nonpower reactor requalification examination at the Armed Forces Radiobiological Research Institute's (AFRRI) TRIGA reactor facility. Written and operating examinations were administered to four Senior Reactor Operators (SROs) and were graded concurrently and independently by the LOLB examiner and the facility. All individuals passed both portions of the examinations as graded by the facility and the NRC. The licensed operator requalification training program was rated as satisfactory.

Offsite EP for Pilgrim

The Chief, Emergency Preparedness Branch, attended a meeting in Boston, Massachusetts on December 19, 1990 involving the Commonwealth of Massachusetts, the Boston Edison Company, and the Director of FEMA, Region I. The purpose of the meeting was to discuss the status of issues related to FEMA self-initiated review of offsite EP for Pilgrim.

Meeting with French SCSIN

On December 13 and 14, 1990, DST met with representatives of the French SCSIN and exchanged information on the following topics: Loss of RHR System during Shutdown; Boron Dilution Accidents during Shutdown; Probabilistic Risk Evaluations for Shutdown, Low Power Operating Conditions, and Severe Accident issues. DST's presentation covered the overall staff plan for addressing shutdown/low power issues and progress to date; with emphasis on the assessment of Loss of RHR and Boron Dilution accident sequences, and the RES/BNL PRA shutdown PRA for Surry. DST also provided a summary of results to date from inspection of licensee actions in response to Generic Letter 88-17 (Loss of Decay Heat Removal). The SCSIN representatives reviewed the results of their Probabilistic Safety Assessment (PSA) and provided the staff with a copy of the PSA report and also provided draft companion documents, which address Loss of RHR and Boron Dilution sequences in more detail.

DST also discussed the role of safety goals and the severe accident actions described in SECY 90-016. The staff made it clear that the SECY 90-016 along with the Commission SRM comprise the agency position on these issues. At the end of the meeting it was agreed that at the next meeting; a) further discussions (including calculational results, operating experience) will be held regarding loss of RHR and reactivity insertion events, and b) severe accidents/containment response, including bypass issues, will be further pursued for evolutionary designs.

RESTART SCHEDULE
12/21/90

<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 December 21, 1990

International Atomic Energy Agency (IAEA) Inspection at the B&W Facility

On December 14, 1990, an IAEA team initiated an announced inspection at the B&W Fuel Company in Lynchburg, Virginia. The team audited the facility ledger, weighed and performed nondestructive measurements on pellets and sampled pellets for destructive analysis.

Technical Support Coordinating Committee (TSCC) Meeting

On December 18, 1990, C. W. Emeigh participated in a TSCC meeting at the Department of State. The purpose of the meeting was to review the fundamental structure of the United States (U.S.) Support Program to the International Atomic Energy Agency (IAEA), including the roles of the TSCC; International Safeguards Program Office (ISPO), Brookhaven National Laboratory; and the contractors who perform the selected tasks. Overall program management by the TSCC, administrative and technical support responsibilities of ISPO and interactions with the IAEA project officers and contractors were the principal topics of discussion. The conclusions of the review will be documented in a paper that describes the management and administration responsibilities within the U.S. Support Program.

Meeting on Source Changer

On December 13, 1990, Transportation Branch staff met with Source Production and Equipment Company (SPEC) to discuss changes in weight for the Model No. SPEC C-1 source changer. The source changer is designed to facilitate replacement of sources in radiographic devices. SPEC intends to submit an application which addresses the change in weight, fabrication details and tolerances for source changers.

Shipment of Irradiators

Nordion International, Inc. (Nordion) markets self-contained, dry source storage, irradiators (containing Type B quantities of radioactive material) in the United States from its facility in Canada. In a meeting on December 12, 1990, Nordion inquired whether National requirements have changed in a way which would allow domestic shipment of irradiators under a revalidated Competent Authority Certificate. Nordion was advised that revalidated Competent Authority Certificates are valid only for import and export. This situation leaves licensees without a means for domestic transport for Nordion irradiators. In some instances, irradiators have been shipped from one location in the United States to Canada and then from Canada to a different location in the United States under a revalidated Competent Authority Certificate. Nordion was advised that an application for a certificate of compliance for irradiators that are marketed in the United States should be submitted. On December 18, 1990, Nordion advised staff by telephone that applications for their irradiators would be made beginning in January 1991.

Meeting on Model No. BR-100 Spent Fuel Cask

On December 12, 1990, Transportation Branch Staff met with B&W Fuel Company and Department of Energy to discuss the Model No. BR-100 spent fuel cask. The Model No. BR-100 is being developed for the transport of spent fuel under the Nuclear Waste Policy Act. The Model No. BR-100 is a rail cask with a capacity of 21 pressurized water reactor (PWR) fuel assemblies or 52 boiling water reactor (BWR) fuel assemblies. The meeting focused on the thermal analysis of the package and the design of the impact limiters. An application is expected to be submitted to NRC in the spring of 1992.

Interim Report of DOE Type B Investigation Group

The staff has recently received, and is distributing to appropriate individuals within the agency, copies of the Department of Energy's (DOE) report DOE/ORO-914 entitled, "Interim Report of the DOE Type B Investigation Group -- Cesium-137: A Systems Evaluation, Encapsulation to Release at Radiation Sterilizers, Inc., Decatur, Georgia," dated July 1990. The exact cause of the leak of cesium-137 is not known. When these continuing studies are completed, the DOE Investigation Group intends to issue a final report.

Rocketdyne Division, Rockwell International Corporation, Canoga Park, California

The Rocketdyne license has been transferred from the Division of Industrial and Medical Nuclear Safety to the Division of Low-Level Waste Management and Decommissioning for oversight of the decommissioning activities. Rocketdyne is currently decommissioning its facility.

Nuclear Fuel Services, Erwin, Tennessee

A Nuclear Material Safety and Safeguards staff member visited the Nuclear Fuel Services (NFS) site in Erwin, Tennessee to assist a Region II evaluation of a Nuclear Criticality Safety incident in the scrap plant and to attend a management presentation on the NFS Performance Improvement Program (PIP) on Criticality Safety. Criteria for restart of the scrap plant was discussed with NFS.

Title I ACL Workshop

On December 12, 1990, the Division of Low-Level Waste Management and Decommissioning and the Uranium Recovery Field Office, Region IV, jointly, sponsored a workshop on Alternate Concentration Limits (ACLs) at inactive uranium mill tailings sites regulated under Title I of the Uranium Mill Tailings Radiation Control Act of 1978 (UMTRCA). The workshop was designed to provide information and solicit input on the methodology used to review ACL applications at Title I sites. Representatives from DOE, the States, Title II licensees, EPA, and associated consulting firms were in attendance. The staff will issue and distribute to all participants a meeting summary in the near future.

High-Level Waste Interactions Scheduling Meeting

On December 13, 1990, staff from the Division of High-Level Waste Management (HLWM) met with representatives from the Department of Energy (DOE). The

purpose of the meeting was to discuss and schedule interactions between January and May 1991, and to identify potential interactions beyond May 1991. At the meeting, six interactions were scheduled covering (1) exploratory shaft facility design alternatives and site characterization activities, (2) the Staff Technical Position (STP) on seismic hazards investigations, (3) radionuclide retardation testing and modelling, (4) revisions to the procedural agreements between the staff and DOE, (5) the STP on repository design thermal loads, and (6) a discussion of lessons learned from the Waste Isolation Pilot Project experience led by DOE's Office of Civilian Radioactive Waste Management and DOE's Office of Environmental Restoration and Waste Management.

Receipt of Site Characterization Analysis Comment Responses

On December 14, 1990, the U.S. Department of Energy (DOE) submitted their responses to the Division of High-Level Waste Management (HLWM) relative to the staff's previously expressed concerns of the DOE Site Characterization Analysis (SCA). Overall, the HLWM staff identified 198 concerns which were classified as either objections, comments, or questions. In its letter, DOE stated that its responses were focused on ways of improving the site characterization program rather than revising the information contained in its SCP. The staff will review the SCA responses to determine acceptability.

Office for Analysis and Evaluation of Operational Data
Items of Interest
Week Ending December 21, 1990

Emergency Response Exercise - Fitzpatrick

On December 19, Branch Chief for IRB and Headquarters staff provided support to Region I during an emergency response exercise at Fitzpatrick. Transmittal of ERDS data was received during the exercise.

On December 20, Branch Chief for IRB and staff provided a tour and briefing of the Operations Center to visitors from UKNII.

Participation at IEEE Standard 500 Working Group Meeting

Pat O'Reilly, Trends and Patterns Analysis Branch, participated in the December 12-13, 1990 meeting of the IEEE Standard 500 Working Group, which was held in Phoenix, Arizona. The Working Group is responsible for preparing the 1991 revision of IEEE Standard 500. This standard is a major source of generic failure data for electrical, electronic, and sensing components used in probabilistic risk assessments (PRAs) and reliability studies.

BWR Mode Switches

An engineering evaluation of BWR mode switch events was published as AEOD/EE90-10. The dominant deficiencies observed in the 22 LER reviewed were poor identification of the switch stop and poor contact make-up on the gang switches. Fifteen of the 22 events occurred with type SB-1 mode switch. It was recommended that an information notice be issued to alert licensees to the deficiencies observed in these older switches.

Preliminary Notifications

The following Preliminary Notifications were issued during the past week.

- a. PNO-II-90-78A, Tennessee River Scrap Company, Calvert City, Kentucky, Potentially Contaminated Scrap Shipment.
- b. PNO-IV-90-44, Fort Calhoun Station, Omaha Public Power District, Docket Number. 50-285, RCS Leakage (.3gpm) Through CEDM 9.
- c. PNO-I-90-104, Yankee Atomic Electric Company, Yankee Nuclear Power Station, Rowe, Massachusetts, Docket No. 50-29, Potential Strike By The Onsite Security Force.

Office of Administration
Items of Interest
Week Ending December 21, 1990

Significant FOIA Requests Received by the NRC for 5-Day Period
December 14 - 20, 1990

Request for records relating to the NRC staff analysis report of low-level radioactive waste storage issues. (Lynn Moorer, Concerned Nebraska Citizens, FOIA-90-560)

Request for specified memoranda. (Ophelia Williams, J/R/A Associates, FOIA-90-561)

Request for a copy of SECY-83-221. (Ophelia Williams, J/R/A Associates, FOIA-90-562)

Request for records pertaining to the 1990 NRC review of the Nebraska radiation control program for agreement materials. (Lynn Moorer, Concerned Nebraska Citizens, FOIA-90-563)

Request for a copy of the mailing list to the Emergency Telecommunications Systems solicitation. (John Bridgers, TechMedia Corporation, FOIA-90-564)

Request for records relating to L. Ron Hubbard's book, "All About Radiation." (Stanley Doyle, Church of Scientology of California, FOIA-90-567)

Request for copies of COMKC-90-19 and records relating to guidance on the proposal to decommission the Shoreham nuclear power plant. (James McGranery of Dow, Lohnes & Albertson, FOIA-90-568)

Office of Information Resources Management
Items of Interest
Week Ending December 21, 1990

1. National Archives and Records Administration Decides Not to Delegate
Additional Disposition Authority to Agencies

On May 2, 1990, Office of Information Resources Management (IRM) staff attended a meeting at the National Archives and Records Administration (NARA) to discuss the feasibility of delegating authority for establishing retention periods for nonpermanent records to individual agencies. NARA has notified IRM of its decision to retain this authority because delegation would not result in an overall improvement in the Federal records disposition program. The NARA will continue to evaluate and retain final authority on all agency requests for retention periods for temporary records.

2. Shared Information Network (SINET) Enhancement

SINET enhancements, including the new security system (SINSEC), the new sign-on screen, and the Main Menu system were placed in production on Monday, December 17, 1990.

Office of Personnel
Items of Interest
Week Ending December 21, 1990

Training Staff Briefs Offices About Developmental Opportunities

During the last two weeks, Pete Goldman, the Associate Director for Employee Development and Training, along with members of the Organizational Development and Training (ODT) staff delivered presentations on training opportunities available at NRC. The use of the Individual Development Plan (IDP) was also discussed with managers and supervisors in the Office of Administration, the Office of Nuclear Material Safety and Safeguards, and the Office of Nuclear Regulatory Research.

Fall 1990 Combined Federal Campaign Closes with Record-Breaking Results

The Fall 1990 CFC closed with NRC's contribution exceeding all previous records. Last year's unprecedented contribution of \$242,000 was surpassed, with this year's contribution totalling approximately \$260,000.

Recruitment Efforts Continue

Representatives from Region II conducted interviews at North Carolina State in Raleigh, NC, on November 30, 1990. Eighteen students expressed interest in NRC, and sixteen were recommended for further interviews.

Representatives from NMSS and Region IV conducted interviews at the BPI Tech Fair in Orlando, FL, on December 3 and 4, 1990. Seventy-eight individuals were interviewed, and fifty-one were recommended for further interviews.

Arrivals

GARLAND, June	Secretary (PFT)*	OP
KABIR, Tanzeena	Administrative Intern (OPFT)**	IRM
PRICE, Richard	Technical Intern (PFT)	NRR

NOTE: * Effective date - Monday, December 17, 1990
** Christmas Hire

Departures

KEEBLER, Angela	Voucher Examiner (PFT)	RI
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Region I
Items of Interest
Week Ending December 21, 1990

1. Maine Yankee

Maine Yankee experienced primary-to-secondary leakage from #1 Steam Generator and was shut down on December 17, 1990. Leakage monitored from #1 Steam Generator had the following trend:

0.48 gpd	Monthly average for September 1990	(gpd - gallon per day)
0.89 gpd	Monthly average for October 1990	
0.78 gpd	Monthly average for November 1990	
0.95 gpd	Daily average on December 1, 1990	
2.0 gpd	Daily average on December 13, 1990	
5.6 gpd	Daily average on December 14, 1990	

200.0 gpd Daily average on December 17, 1990 (Rapid shutdown initiated -
Tech Specs limit 216 gpd)

1500-2000 gpd during shutdown on December 17, 1990

The unit is shut down for investigation of tube leak (scheduled for 12/20), eddy current inspection of selected tubes and other corrective action.

2. Seabrook

The Seabrook full-participation exercise was completed on December 13, 1990. No weaknesses were identified in the licensee's response. FEMA has completed a preliminary review of the observations provided by over 130 observers and presented these findings at a public meeting in Seabrook on December 17, 1990. Although preliminary, none of the problems identified have been classified by FEMA as deficiencies.

Region II
Items of Interest
Week Ending December 21, 1990

1. International Visitors

On December 17 - 19, F. Brookes and I. Petty of the United Kingdom were in the Region II Office to discuss the inspection process with members of the staff and to observe the Vogtle SALP presentation.

2. Georgia Power Company

On December 18, the Regional Administrator; the Director, Division of Reactor Projects, and other selected members of the Regional and Headquarters staffs presented the Vogtle SALP results in a public meeting at the site.

On December 20, Commissioner Rogers, accompanied by the Deputy Regional Administrator, tour the Georgia Power Company's Plant Hatch.

3. Carolina Power and Light Company - Brunswick

On December 19, the Regional Administrator, the Deputy Division Director of Reactor Projects, and other selected members of the Regional and Headquarters Staffs presented the Brunswick SALP results in a public meeting at the site.

4. Entergy Operations, Inc. - Grand Gulf

On December 18, 1990, following an increase in vibration on the B Recirculation Pump to about 20 mils, a controlled reactor shutdown was initiated. A low reactor water level scram occurred at about 17 percent power while changing feedwater flow to the startup level controller (not related to pump problem). The plant was taken to cold shutdown to investigate the cause of the vibration.

Testing of the motor with the pump uncoupled has not identified the cause of the vibrations. Current plans are to complete alignment checks and additional testing of the motor bars for cracks before disassembling the pump.

Disassembly of the pump is required and an estimated 10 days would be required to replace the pump internals (a shaft failure occurred on this pump in 1989; however, the characteristic of these vibrations are different from the vibration measured during the 1989 failures).

5. NFS

Nuclear Fuel Services, Erwin, TN, resumed operation of the plant's high-enriched uranium scrap recovery facility on December 19. Operations were suspended on November 30 following discovery that 395 gms of U-235 had been inadvertently transferred to the waste water treatment plant. The

licensee's investigation revealed several personnel, procedural, and hardware (valve placement and operations) factors which probably contributed to the inadvertent transfer. Restart of the facility was authorized on December 18 after confirming that the licensee's immediate corrective actions had been implemented.

6. Hatch ALARA Team Inspection Results

Hatch projects a high collective dose this year (approximately 1575 person-rem) resulting from increased radiation levels (two to three times normal) in the Unit 1 Drywell and Reactor Building at shutdown. The dose rate increase appears to result from the changes in the primary system chemistry as a result of hydrogen injection. This resulted in a coating on the surfaces of the reactor coolant system with increased levels of activation products. A similar increase in dose rates after hydrogen injection was noted at Brunswick this fall and at a other BWRs using hydrogen injection. Hatch plans to install a system to decontaminate the recirculation pipes prior to the next Unit 1 outage to save 400-500 person-rem per outage. In addition, Hatch may increase the hydrogen injection rate to up to 45 scfm as a protective measure for the reactor vessel internals. This will increase significantly the dose rate from nitrogen 16 in the primary coolant during operation.

Region III
Items of Interest
Week Ending December 21, 1990

1. American Radiolabeled Chemicals, Inc. (ARC)
St. Louis, Missouri

The first inspection of ARC since the license was reissued was conducted on Monday, December 17, and Tuesday, December 18, 1990, and the Regional Administrator toured the site and attended the exit interview on December 18. Conditions at ARC showed significant improvement and appeared to have justified the actions by the NRC to reinstate the license on a two-year basis with enhanced NRC oversight.

2. Callaway Nuclear Power Station

The Regional Administrator visited the Callaway Nuclear Power Station on Wednesday, December 19, 1990. He met with the Resident Inspectors, toured the site, met with senior licensee management, and participated in a ceremony commemorating six years of commercial operation of the plant.

3. Combustion Engineering

On December 19, 1990, two Region III inspectors were dispatched to the Combustion Engineering facility located in Hematite, Missouri, to review the licensee's actions following a December 18, 1990 incident involving a uranium hexafluoride release within the licensee's facility. The inspectors' review of the licensee's survey results and internal deposition analysis, to date, revealed that no contamination was detected outside of the building where the release occurred and that exposures of individuals involved with the event appear to be below regulatory limits. Radiation surveys performed by the inspectors were in agreement with the licensee's results, thus confirming no offsite contamination. In addition to the radiation surveys, the inspectors also collected soil, water and vegetation samples around the facility. These samples will be analyzed by Region III.

The licensee's investigation into the root cause analysis of the event is ongoing. Arrangements are currently being made by Region III to meet with the licensee in early January to discuss the licensee's investigation and corrective actions into the event. Until the investigation is completed and corrective actions have been implemented and reviewed by the Region and NMSS, the sampling procedure being conducted when the event occurred will not be resumed.

A detailed inspection to review other aspects of the event is being planned by Region III.

4. Zion Nuclear Power Station

Mr. John Zwolinski, Assistant Director for Region III Reactors, NRR, and Mr. William Forney, Deputy Director, Division of Reactor Projects, Region

III, and other NRC staff members met with licensee and management at the Zion Station on December 10, 1990, for discussions and a plant tour.

5. Byron Nuclear Power Station

Mr. Richard Barrett, Director, Project Directorate III-2, NRR, and other staff members met with licensee management at the site on December 20, 1990, for discussions and a plant tour.

6. LaSalle Power Station

A. Bert Davis, Regional Administrator; and Hubert J. Miller, Director, Division of Reactor Projects, and members of the NRC staff met with Bide Thomas, President of Commonwealth Edison Company and his staff on December 20, 1990, to present the SALP 9 report for the LaSalle Station.

7. Palisades Nuclear Plant

Problems developed in the cold-leg restoration welds for the new steam generators. A "narrow-gap" welding process was being used which is not in common use in the U.S., but has been used in Europe; the welding at Palisades was subcontracted to the German firm Kraftwerk Union (KWU). Porosity, incomplete fusion and other indications developed in cold-leg welds. Substantial weld excavations and manual repair welding were required, which altered the "narrow-gap" geometry. NRR and Region III are closely monitoring the licensee's repair activities.

Region IV
Items of Interest
Week Ending December 21, 1990

1. South Texas Project, Unit 2 (STP-2)

With STP-2 operating at 100 percent power, the licensee declared an unusual event at 12:20 p.m. (CST) on December 20, 1990, when a fire was discovered in the vicinity of the No. 1 bearing of the main turbine. The fire was extinguished within minutes with the use of dry chemicals. The licensee discovered smoldering, oil-soaked lagging, as well as a charred security lighting cable and a welding cable which was located beneath the No. 1 bearing.

The unusual event was terminated at 3:40 p.m. after the oil-soaked lagging was removed. Unit 2 operated at 100 percent power throughout the event, and there were no indications of abnormal plant parameters. The licensee is continuing to investigate the cause of the fire.

2. Omaha Public Power District Visit

Fred Petersen, President and Bill Jones, Vice President - Nuclear, visited on December 20, 1990, with the Regional Administrator and other Region IV management to discuss the results of recent studies regarding future plans of Fort Calhoun.

Region V
Items of Interest
Week Ending December 21, 1990

1. San Onofre Nuclear Generating Station (SONGS)

The Regional Administrator visited the San Onofre site on December 18-19. During this visit he interviewed several operators, shift superintendents, and members of management regarding recent events at San Onofre 2 and 3. His visit also included a meeting with Mr. John Bryson, recently appointed as Chairman of the Board for Southern California Edison.

ITEMS ADDRESSED BY THE COMMISSION - WEEK ENDING DECEMBER 21, 1990

A. STAFF REQUIREMENTS - AFFIRMATION/DISCUSSION AND VOTE, 10:00 A.M., THURSDAY, DECEMBER 13, 1990, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY to James M. Taylor, EDO dated 12/19/90

I. SECY-90-387 - Final Rule, Part 20 - Revised Standards for Protection Against Radiation

The Commission, by a 4-0 vote, approved for publication in the Federal Register the revised 10 CFR Part 20 on Standards for Protection Against Radiation with the attached changes. This rule will become effective 30 days after publication. Licensees may, however, defer implementation of this rule until January 1, 1993.

Attachment:
Not included

DECEMBER 21, 1990

NRR MEETING NOTICES

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
01/08/91 1:00-5:00	50-219	One White Flint North Room 10B-13	Meeting with GPU Nuclear Corp. on on Oyster Creek Nuclear Station.	NRC/GPUN	A. Dromerick
01/09/91 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
01/10/91 9:00-12:00	None	One White Flint North Room 10B-13	Meeting with GE to discuss fuel failure status.	NRC/GE	S. Wu
01/10/91 10:30-12:00	50-293	One White Flint North Room 12B-11	Meeting with Boston Edison Co. to brief NRC on current and future licensing actions.	NRC/Pilgrim	R. Eaton
01/15/91 11:30-3:00	50-348 50-364	One White Flint North Room 10B-9	Meeting with Alabama Power Co. regarding the Joseph M. Farley Nuclear Plant, Units 1 and 2.	NRC/APC	A. Hoffman
01/16/91 9:00	50-333	One White Flint North Room 10B-11	Meeting with The Power Authority of the State of New York for the James A. Fitzpatrick Nuclear Power Plant.	NRC/NYPA	D. LaBarge
01/16/91 1:30-3:30	None	One White Flint North Room 10B-13	Meeting with B&W on the fuel rods with advanced cladding design in reactor lead test assemblies.	NRC/B&W	T. Attard
01/17/91 9:30-12:00	50-325 50-324	One White Flint Room 14B-13	Meeting with Carolina Power & Light Co. regarding the Brunswick Nuclear Plant, 1&2.	NRC/CP&L	N. Le

ENCLOSURE 9

DECEMBER 21, 1990

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT ATTENDEES</u>	<u>NRR CONTACT</u>
01/22/91 01/23/91 01/24/91 8:30-5:00	None	One White Flint North Room 6B-11(Tues.& Thurs.) 2F-21(Wed.)	Meeting with NUMARC to discuss the resolution of NRC staff comments on the Industry Reports for BWR Reactor Pressure Vessel & BWR Reactor Vessel Internals.	NRC/NUMARC	R. Parkhill, Sr.
01/23/91 9:00-4:00	50-336	One White Flint North Room 2F-17	Meeting with Northeast Utilities to discuss the Millstone 2 Steam Generator Replacement program.	NRC/NEU	G. Vissing

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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>
01/16/91 9:00-11:30		OWFN	BR-100 Spent Fuel Ship. Cask, Crit. & Shield.	NRC DOE B&W	C. Withee

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					

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					

ENCLOSURE 0

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>
1/8		St. Louis, MO	To attend TCC Meeting	NRC	J. Surmeier
1/21-25		Raleigh, NC	To Participate in the Health Physics Society Meeting	NRC	J. Greeves
1/23-25		San Diego, CA	To Attend and Participate in the LLW Forum Meeting	NRC	P. Lohaus

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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>
01/09/91 1:00 p.m.	50-442/ 50-444	Seabrook, NH	SALP Management Mtg. PSNH - Seabrook	Selected RI Staff Members & Licensee	Ebe McCabe
01/15/91 9:30 a.m.	50-245/ 336/423	Region I	Enforcement Conference NNEC - Millstone Unit 2	Selected RI Staff Members & RI Staff	Haverkamp

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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>
01/04/91 10:00 a.m.		RII Office	Management Meeting w/Alabama Power Company Farley	Licensee, Regional Administrator, Regional Staff	Reyes
01/08/91 10:30 a.m.		RII Office	Enforcement Conference VEPCO - Surry	Deputy RA, Regional staff and Licensee	Milhoan
01/11/91 8:00 a.m.		Jensen Beach, FL	SALP Presentation - St. Lucie	Regional Administrator, Regional and NRR staff, Licensee	Ebnetter
01/15/91 8:30 a.m.		Watts Bar site	Routine Meeting with G. Kingsley	Regional Administrator	Ebnetter
01/18/91 1:30 p.m.		RII Office	Enforcement Conference FPC - Crystal River	RA, Regional staff, and Licensee	
01/29/91 10:00 a.m.		RII Office	Pre-SALP Presentation by Entergy - Grand Gulf	RA, Regional Staff, and Licensee	Reyes
01/31/91 1:00 p.m.		RII Office	Pre-SALP Presentation by Duke Power Company - Catawba	RA, Regional Staff, and Licensee	Reyes

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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>
01/07/91	50-155	Big Rock Point	Site Visit	Commissioner Curtiss, Director, Division of Reactor Projects and selected members of RIII staff	Miller
01/11/91 10:00 am	50-266	Point Beach	Wisconsin Electric Power Company - Management Meeting	Licensee, Director, Division of Reactor Projects and selected members of RIII staff	Miller

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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>
1/8-9/91		Region II	J. Martin attending Sr. management meeting in Region II	J. Martin	J. Martin
1/17/91	50-344	Trojan	Portland General Electric Management Meeting	J. Martin R. Zimmerman R. Bevin, NRR Appropriate Personnel	P. Morrill

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