

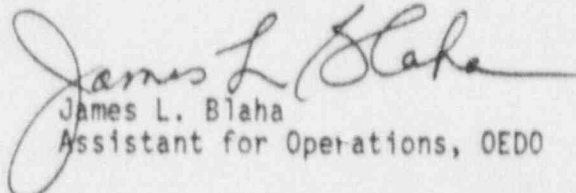
January 16, 1991

For: The Commissioners  
From: James L. Blaha, Assistant for Operations, Office of the EDO  
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING JANUARY 11, 1991

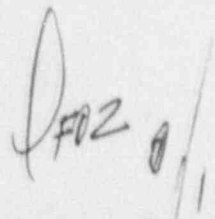
A summary of key events is included as a convenience to those Commissioners who may prefer a condensed version of this report.

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\*No input this week.

  
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JFB 0/1

HIGHLIGHTS OF WEEKLY INFORMATION REPORT  
WEEK ENDING JANUARY 11, 1991

Evaluation of Excessive Stress During Operator Requalification Examinations

As a result of concerns raised in the Regulatory Impact Survey and other industry communication with the staff, LHFB has begun an evaluation of excessive stress during operator requalification examinations. The evaluation will consist of 1) interview of licensed operators, training staff and plant management; 2) observations of requalification exams; and 3) a voluntary questionnaire of licensed operators. OMB clearance for data collection in support of this study has been requested on an expedited basis. The staff has begun initial interviews during the week of January 7, 1991, of the plant staff at Millstone 3. The study will continue for the next few months with conclusions expected in June 1991.

Information Notice On Fitness For Duty Issued

NRC Information Notice No. 90-81, entitled "Fitness for Duty", was issued December 24, 1990, to all NRC materials and non-power reactor licensees. The intent of the information notice is to inform licensees not currently subject to NRC required fitness-for-duty programs of the importance the NRC places on the drug-free workplace concept in all aspects of nuclear material usage, management, and handling. The notice was developed and coordinated by the Division of Safeguards and Transportation, NMSS, with assistance from the Generic Communications Branch, Division of Operational Events Assessment, NRR.

Amersham Corporation

Amersham Corp., a licensee in Burlington, Massachusetts, made a 10 CFR Part 21 telephone notification on January 7, 1991. The licensee reported that they had identified, on January 4, 1991, that 15 of their radiography exposure devices Model 920 may have a defective fitting. The fitting is the point of attachment for the source guide tube which allows the radiographer to direct the radioactive source from the shielded exposure device to the equipment to be exposed. The defect could prevent the secure connection between the guide tube and exposure device permitting a separation during radiography and subsequently preventing retrieval of the source which may become dislocated. Amersham Corp. reported they are contacting individual companies who have these devices, on January 8, 1991 to arrange for a check of all suspect fittings. No incidents have been reported by Amersham due to the suspect fittings. Headquarters and all regional offices have been sent a copy of the notification.

GOSSAT/GEESAT Meeting

On Wednesday, January 9, one of the periodic combined GOSSAT/GEESAT meetings took place at State Department. These are interagency coordinating groups which review USG science and technology cooperation with the Soviet Union and the Eastern European countries, respectively. The key agenda item was the issue of possible revisions or modifications of current procedures for cooperating with these countries. The State Department chairman of the meeting agreed to review all the inputs received from interested agencies. Another meeting on this subject may be convened within about one month.

Office of Nuclear Reactor Regulation  
Items of Interest  
Week Ending January 11, 1991

TVA Re-Organization

TVA has announced a re-organization of the senior executives. The entire TVA organization will be divided into three Operating Groups, each of which will be headed by a President.

The Operating Group of interest to the nuclear program will be the Generating Group, which will include all TVA nuclear, fossil, and hydroelectric generating units. The Generating Group will be further divided under a Senior Vice President, Nuclear Generation, which will include all TVA nuclear generating units that are in operation or under construction; and a Senior Vice President, Fossil and Hydro Generating.

TVA has announced that Oliver Kingsley, the current Senior Vice President, Nuclear, will be promoted to President of the Generating Group. A new Senior Vice President, Nuclear Generation will be named in the very near future.

Waterford 3

From February 13 through 22, 1991, seven individuals from the USSR will visit Waterford 3 under an exchange agreement by the World Association of Nuclear Operators (WANO). Waterford 3 personnel had visited the USSR in 1990. The USSR delegation will include the Soviet General Director of Ministry of Power Department and a management representative from the Ministry of Power. The Soviet delegation will review industrial safety, health physics, chemistry, engineering, maintenance, and operations.

Evaluation of Excessive Stress During Operator Requalification Examinations

As a result of concerns raised in the Regulatory Impact Survey and other industry communication with the staff, LHFB has begun an evaluation of excessive stress during operator requalification examinations. The evaluation will consist of 1) interview of licensed operators, training staff and plant management; 2) observations of requalification exams; and 3) a voluntary questionnaire of licensed operators. OMB clearance for data collection in support of this study has been requested on an expedited basis. The staff has begun initial interviews during the week of January 7, 1991, of the plant staff at Millstone 3. The study will continue for the next few months with conclusions expected in June 1991.

Jan 9 Meeting With BWROG on BWR Thermal-Hydraulic Stability

The staff met with the BWROG stability Subcommittee on the morning of 1/9/91 to review the status of the Long Term Solution proposals for protection of BWRs from instability events. Emphasis is now being placed on the solution option consisting of an LPRM based microprocessor system to detect and suppress oscillations. The BWROG expects to complete and submit for NRC

review a licensing topical report describing the scram set point methodology of the proposed solution options by March 1991. This will allow the staff to complete its review of the generic approach by June, although further effort will be needed during plant specific implementation.

The meeting continued in the afternoon to review the status of ATWS analyses to demonstrate that instabilities during an ATWS event do not invalidate assumptions that are the basis for the current ATWS rule. General Electric Co. reported results of the Turbine Trip with 100% Bypass transient which was expected to provide the basis for closure of the ATWS with oscillations issue by demonstrating that revised Emergency Operating Procedures (EOPs) would be effective in terminating oscillations with no unacceptable consequences. The analyses showed that large oscillations (1250% neutron flux spikes) produced by the transient were quickly terminated by prompt operator actions to reduce water level on initial indication of ATWS with oscillations. While the effect of the oscillations on peak fuel cladding temperature (1340F) was acceptable for the best estimate calculation, a parametric study on power distribution indicated that a modest increase in initial peak power (20%) would result in failure to rewet with unacceptable clad temperature escalation for the high power fuel. BWROG is concerned that this margin may be insufficient to bound uncertainties in the initial operating conditions and has established a BWROG/GE/NSAC Task Force to review the results and recommend appropriate actions. The Task Force review and probable need for additional calculations will delay the BWROG submittal for resolution of the ATWS issue, and appears likely to defeat the staff goal to close this issue in the April/May time frame.

#### Simulator Certification Status

As of the end of 1990, 36 "Simulation Facility Certification(s)" (NRC Form 474) for plant-referenced control room simulators had been submitted to the NRC by facility licensees. This represents approximately 30 percent of the 115 certifications expected. Eight utilities, representing eleven plants have requested scheduler exemptions from the March 26, 1991 deadline for simulator certification. Two additional utilities have indicated that they intend to seek scheduler exemptions. Utilities representing the remaining 66 plants are expected to submit NRC Form 474 by the deadline.

RESTART SCHEDULE  
1/11/91

<u>PLANT</u>	<u>SHUTDOWN</u>	<u>COMMISSION BRIEFING</u>	<u>PLANT RESTART</u>
BROWNS FERRY 2	9/15/84C	4/91	4/91*

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\*Commission decision prior to restart authorization.

Office of Nuclear Material Safety and Safeguards  
Items of Interest  
Week Ending January 11, 1991

Meeting on Adjusted Running Book Inventory (ARBI)

On January 8, 1991, the Division of Safeguards and Transportation hosted a meeting during which E. R. Johnson Associates staff briefed representatives from the Arms Control and Disarmament Agency, Department of State, Los Alamos National Laboratory and the International Atomic Energy Agency (IAEA) on the status of the NRC-sponsored Running Book Inventory contract. The meeting served as the forum for briefing interested parties on significant technical developments achieved during Phase II of the contract which will be completed at the end of March 1991. IAEA has expressed considerable interest in having the adjusted running book inventory approach evaluated for potential utility in achieving timeliness goals for loss detection in large reprocessing plants scheduled to come on-line in the mid-1990s. Recent developments indicate that this approach may be viable as a near-real-time accounting approach.

Information Notice On Fitness For Duty Issued

NRC Information Notice No. 90-81, entitled "Fitness for Duty", was issued December 24, 1990, to all NRC materials and non-power reactor licensees. The intent of the information notice is to inform licensees not currently subject to NRC required fitness-for-duty programs of the importance the NRC places on the drug-free workplace concept in all aspects of nuclear material usage, management, and handling. The notice was developed and coordinated by the Division of Safeguards and Transportation, NMSS, with assistance from the Generic Communications Branch, Division of Operational Events Assessment, NRR.

Meeting on Spent Fuel Basket

On January 8, 1991, the Transportation Branch staff met with representatives from Pacific Nuclear Systems, Inc., and Carolina Power and Light, to discuss a new basket design for the IF-300 spent fuel shipping cask. The new basket is intended for transport of irradiated BWR fuel assemblies with the flow channels intact. Pacific Nuclear Systems plans to submit additional information in March 1991.

Dry Spent Fuel Storage Cask Certificate of Compliance

Pacific Nuclear Fuel Services, Inc., (PNFS) has submitted to NRC the first application for a storage cask Certificate of Compliance under the new provisions of 10 CFR 72, Subparts K and L. The application with Safety Analysis Report, is for PNFS's Standardized NUHOMS Horizontal Modular Storage System for Irradiated Nuclear Fuel.

This horizontal concrete cask system provides for dry storage of spent fuel in an Independent Spent Fuel Storage Installation (ISFSI) located at a reactor site. The canistered spent fuel assemblies are transferred from the spent fuel pool to the concrete module at the ISFSI in a transfer cask. The canister is inserted into the module by means of a hydraulic ram. The NUHOMS system is

similar to the NUHOMS-24p in design which has been previously approved by the NRC. However, the new design accommodates both pressurized water reactor (PWR) and boiling water reactor (BWR) spent fuels. Canister capacity is 24 PWR or 52 BWR assemblies.

#### Adoption of the Revised Hazard Ranking System

In the Federal Register of December 4, 1990, (55 FR 51532) the Environmental Protection Agency (EPA) announced the adoption of the revised Hazard Ranking System (HRS). The HRS is the scoring system used by EPA to assess the threat associated with the release or potential release of hazardous substances. The HRS score is the primary criterion EPA uses to determine whether a site should be placed on the National Priorities List (NPL). The NPL identifies sites that warrant further investigation to determine if they pose risks to the public health or the environment. Sites on the NPL are eligible for long term remedial action financed under the Comprehensive Environmental Response, Compensation and Recovery Act (CERCLA) or Superfund. The revisions to the HRS "change the way EPA evaluates potential threats to human health and the environment from hazardous waste sites and makes the HRS more accurate in assessing relative potential risk." The revised HRS contains, for the first time, a section on scoring sites involving radioactive materials. NRC provided comments to EPA on the draft final revisions to the HRS and a review of the final rule is currently underway by the Division of Low-Level Waste Management and Decommissioning.

Office of Nuclear Regulatory Research  
Items of Interest  
Week Ending January 11, 1991

Alligator Rivers Analogue Project

The Alligator Rivers Analogue Project (ARAP) which is investigating a natural analogue of a high-level waste repository, the Koongarra uranium ore body, held a technical workshop and management meeting in Sydney, Australia at the headquarters of the Australian Nuclear Science and Technology Organisation (ANSTO). The NRC was represented by Dr. George F. Birchard of the Waste Management Branch of the Division of Engineering. Significant progress has been made in measuring, modelling and understanding the hydrological and geochemical processes that have caused the limited migration of uranium despite exposure to oxidizing ground water flowing under a combination of unsaturated and saturated conditions. These conditions are similar to those expected to affect high-level waste at Yucca Mountain, Nevada. It was observed that the chemical zones observed at the Koongarra ore body very likely are similar to those that would be observed thousands of years after disposal of HLW at Yucca Mountain.

Research at the Koongarra Ore body will be applied by the NRC staff to assessing DOE data, assumptions and models for Yucca Mountain. ARAP (Alligator Rivers Analogue Project) meeting participants included representatives of ANSTO, (Australian Nuclear Science and Technology Organisation) and CSIRO (Commonwealth Scientific and Industrial Research Organisation) (Australia), USNRC (U.S. Nuclear Regulatory Commission) and USDOE (U.S. Department of Energy) (USA), Her Majesty's Inspectorate of Pollution (U.K.), JAERI (Japan Atomic Energy Research Institute) and PNC (Power Reactor and Nuclear Fuel Development Corporation) (Japan), SKI (Swedish Nuclear Power Inspectorate) and Kemakta (Sweden) and OECD/NEA (Nuclear Energy Agency of the Organization for Economic Cooperation and Development (HQ in Paris, off shoot of Marshall Plan).



Office for Analysis and Evaluation of Operational Data  
Items of Interest  
Week Ending January 11, 1991

Diagnostic Evaluation and Incident Investigation Branch (DEIIB)

On January 4, the Oyster Creek Diagnostic Evaluation Team presented a draft report to AEOD management in preparation for the exit meeting with the licensee on January 18. On January 8, the Team Manager presented a summary of the diagnostic evaluation results at the Senior Management Meeting in Region II.

Incident Response Branch (IRB)

On January 8-9, the IRB Chief attended a Regional Emergency Management Team (REMT) Workshop at the Federal Emergency Management Agency (FEMA) Regional Center in Denton, Texas to discuss the changing international environment and the role and function of the REMTs in a national security emergency.

On January 9, IRB staff members attended a meeting of the Catastrophic Disaster Response Group to discuss amendments to the Federal Disaster Response Plan.

On January 10, the IRB Chief and staff met with representatives from FEMA, NRC, Region I, Pennsylvania Emergency Management Agency and Pennsylvania Power and Light (Susquehanna) to discuss the formation of Working Groups to prepare for the Federal Field Exercise-3 (FFE-3), now scheduled for early 1993.

Technical Training Center (TTC)

On January 9-10, the AEOD Director and DOA Division Director visited the TTC to conduct an awards ceremony for TTC employees and to receive program briefings on simulator programs, development of hardware training aids, and development and implementation of high technology training enhancements.

Preliminary Notifications

- a. PNO-I-91-1A, Northeast Nuclear Energy Co. (Millstone Nuclear Sta. Unit 3), AIT at Millstone 3 To Investigate Turbine Building Pipe Break.
- b. PNO-I-91-2, Various Sites in Camden County, New Jersey, "Staff of New Jersey Announces Investigation of Thorium Contaminated Sites in Camden County, New Jersey.
- c. PNO-I-91-3, MPI Pharmacy Services, Inc., "Nuclear Pharmacy Delivery Vehicle Accident.
- d. PNO-I-91-4, GPU Nuclear Corporation (Oyster Creek Nuclear Gen. Station), Inoperability of All Emergency Diesel Generators.
- e. PNO-II-91-01, Duke Power Company (Catawba Unit 1), Shutdown Exceeding 48-Hours.

Office of Governmental and Public Affairs  
Items of Interest  
Week Ending January 11, 1991

GOSSAT/GEESAT Meeting

On Wednesday, January 9, one of the periodic combined GOSSAT/GEESAT meetings took place at State Department. These are interagency coordinating groups which review USG science and technology cooperation with the Soviet Union and the Eastern European countries, respectively. The key agenda item was the issue of possible revisions or modifications of current procedures for cooperating with these countries. The State Department chairman of the meeting agreed to review all the inputs received from interested agencies. Another meeting on this subject may be convened within about one month.

Visit of PNC President Ishiwatari

On Thursday, January 10, Mr. Takao Ishiwatari, President of the Japan Power Reactor and Nuclear Fuel Development Corporation (PNC), accompanied by several of his senior staff, PNC Washington Office representatives, and a representative from the Embassy of Japan, met with the Chairman, Commissioners Rogers and Remick, and Robert Bernero and Robert Burnett of NMSS. NRC, under contract to PNC, is developing criteria for an air transportation package for plutonium. In all of his meetings, Mr. Ishiwatari expressed complete satisfaction with the cooperation and quality of NRC's work.

Arkansas Radiation Control Program Visit

B. J. Holt, Region III State Agreements Officer, and Joel Lubenau, State Programs, conducted a review visit of the Arkansas Radiation Control Program on January 7-11, 1991 in Little Rock, Arkansas. The purpose of a review visit is to assess the status of the State's program and to assist the State in preparing for a routine review.

California Radiation Control Program Visit

Jack Hornor, Region V State Agreements Officer, began a review visit of the California Radiation Control Program during the week of January 7-11, 1991 in Sacramento, California. The review visit will continue the week of January 14-18, 1991. Lloyd Bolling, State Programs, will assist Mr. Hornor on a portion of the visit. Carlton Kammerer, Director, State Programs, will accompany Mr. Hornor at the exit meeting scheduled for January 18, 1991. The purpose of a review visit is to assess the status of the State's program and to assist the State in preparing for a routine review.

Meetings with State of Maine Officials

Marie Miller, Region I State Liaison Officer, met with representatives from the Maine Low-Level Radioactive Waste (LLW) Authority on January 8, 1991 in Augusta, Maine. The purpose of the meeting was to discuss the status of LLW disposal siting activities. The Authority anticipates selecting candidate sites by the fall of 1991. Ms. Miller also met with the Governor's nuclear

safety advisor and the State Liaison Officer and his staff for a routine exchange of information. In addition, Ms. Miller attended a meeting sponsored by Maine Yankee for State Representative Maria Holt to discuss plant status issues.

#### North Carolina Radiation Control Program Visit

Richard Woodruff, Region II State Agreements Officer, conducted a review visit of the North Carolina Radiation Control Program on January 8-11, 1991 in Raleigh, North Carolina. The purpose of a review visit is to assess the status of the State's program and to assist the State in preparing for a routine review.

#### Emergency Preparedness Workshop Planning Meeting

Charles Hackney, Region IV State Liaison Officer, participated in a meeting with representatives from FEMA Region VI on January 10-11, 1991 in New Orleans, Louisiana. The purpose of the meeting was to make arrangements for an upcoming FEMA Region VI/NRC Region IV Emergency Preparedness Workshop to be held later in the year.

#### Utility Radiological Safety Board of Ohio Meeting

Roland Lickus, Chief, Region III State and Government Affairs, attended the Utility Radiological Safety Board of Ohio (URSB) Meeting on December 14, 1990 in Columbus, Ohio. The Board considered three resolutions to: 1) modify internal rules to enhance interaction with the public; 2) adopt a citizens advisory council to advise the URSB on nuclear power safety issues; and 3) approve URSB comments on behalf of the State supporting the NRC's proposed rule requiring nuclear power plant participation in the emergency response data system. The Board also considered the development of a URSB subcommittee to review the effectiveness of emergency warning sirens in the emergency planning zones around nuclear power plants in Ohio.

Office of Administration  
Items of Interest  
Week Ending January 11, 1991

Significant FOIA Requests Received by the NRC for 3-Day Period  
January 4 - 10, 1991

Request for a copy of the incumbent contract for NRC-33-87-216 and a copy of the RFP. (Desi Arnaiz, Computer Based Systems, Inc., FOIA-91-11)

Request for a list of formerly licensed ROs and SROs. (James Gilbert, Individual, FOIA-91-13)

Request for listings of businesses to which RS-IRM-90-215 was sent. (Lisa Righter, Bell Atlantic, FOIA-91-14)

Request for data which lists total number of inspection hours for each commercial nuclear reactor for 1987 through 1990. (Timothy Sawyer, Winston and Strawn, FOIA-91-15)

Request for a copy of the bidder's list for RS-IRM-91-186. (Sheila Brown, SRS Technologies, FOIA-91-16)

Request for six categories of documents regarding TMI. (David DeKok, Individual, FOIA-91-17)

Request for a copy of a report regarding a possible adverse experience in which a Du Pont Tc99m Generator was cited as the source of the radionuclide in 1981 or 1982. (Laura Dowling, E.I. Du Pont de Nemours and Co., Inc., FOIA-91-18)

Request for documents pertaining to any investigation of a named individual. (Scott Sleek, Washington Merry-Go-Round, FOIA-91-19)

Request for telecommunications figures in hardware and software as submitted to IRM for FY 90, 91 and 92. (Carol Barton, Washington Management Group, Inc., FOIA-91-20)

Request for separate agreement between NRC and All Star Carpet and Bedding, Inc. (Joan Estrada, Professional Carpet Service, FOIA-91-21)

Office of Information Resources Management  
Items of Interest  
Week Ending January 11, 1991

1. Software Quality Assurance Seminar

On January 9, Peter F. Barletto, a Software Quality Assurance Supervisor with Niagara Mohawk Power Corporation and Chairman of the Nuclear Utilities Software Management Group, spoke at the NRC on the topic, "Addressing The Emerging Issue of Software Quality Assurance." Approximately 30 NRC staff attended the program, which was conducted as part of the IRM series on Software Quality Assurance.

2. New ITS Training Lab Courses Offered

Two new courses will be offered during the February-March 1991 session. These are "WordPerfect 5.1 - The Basics," and "WordPerfect 5.1 - Intermediate." Current users of WordPerfect 5.0 are being encouraged to take "WordPerfect 5.1 for Users of 5.0," which was introduced last session.

Office of the Controller  
Items of Interest  
Week Ending January 11, 1991

On October 1, 1990, a Third Party Payment System (TPPS) was established at the One White Flint North imprest fund cashier. TPPS involves the use of drafts written by NRC on the Riggs National Bank account. The system was installed to reduce cash being maintained in the imprest fund by the cashier, and also allows payment of travel vouchers up to \$1,000.

Beginning next week, a staff accountant from the Travel Management Branch will be visiting Regions I thru IV, one per week, to assist in the implementation of the TPPS for use in paying vouchers (up to \$1,000) by the imprest fund cashiers. Region V will be implemented after their move.

Office of Personnel  
Items of Interest  
Week Ending January 11, 1991

Health Benefits and Trift Savings Plan Actions

The open season for Health Benefits began on November 13, 1990, and ended December 10, 1990. During this period, 184 enrollment changes in Headquarters only were processed.

The open season for the Trift Savings Plan began on November 15, 1990, and will end on January 31, 1991. To date, 320 elections have been processed for Headquarters only.

Arrivals

BECK, Lori	Office Assistant (OPFT)	RIII
CARTER, Dan	Health Physicist (PFT)	NRR
CARUSO, Ralph	Technical Assistant (PFT)	NRR
HARMON, Lee	Office Resident Assistant (OPFT)	RII
HIPP, Evelyn	Clerk (OPFT)	RIII
LOPEZ, Alfredo	Clerk (OPFT)	RIII
RAZZAQUE, Muhammad	Reactor Systems Engineer (PFT)	NRR
SHAUGHNESSY, Patrice	Word Processing Operator (PFT)	RIII

Retirements

POMS, Shirley	Fiscal Assistant (PFT)	RES
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Departures

CHRISTOPHER, Keith	Enforcement Specialist (PFT)	RI
JOHNSON, James	Clerk (OPFT)	SECY
PORTER, Sandra	Secretary (PFT)	OGC
WILLIAMS, Anjeleque	Clerk (OPFT)	OGC
WORTHINGTON, Patricia	Sr. Chemist (PFT)	RES

Office of Enforcement  
Items of Interest  
Week Ending January 11, 1990

Civil Penalties Paid

1. McCallum Testing Laboratories, Inc., Chesapeake, Virginia paid the civil penalty in the amount of \$800. The action was based on the failure to prevent loss of control of a moisture density gauge that was unsecured and in a truck that was loaned to a non-employee who left it unattended and running. The truck and gauge were stolen. (EA 90-183)
2. Baltimore Gas and Electric Company (Calvert Cliffs) paid the civil penalty in the amount of \$12,500. The action was based on a security shift supervisor suspending metal detector searches because of malfunctioning equipment and allowing employees to enter the protected area during a 15-minute period without either pat-down or hand held metal detector search. (EA 90-186)



Office Of Consolidation  
Items of Interest  
Week Ending January 11, 1991

Second Building Status

On January 9, the Director, CONS, met with GSA Regional Office staff to review and revise various provisions of the draft lease agreement for the second building pending an expected negotiation session with the developer in the following week. Continued discussions were held with GSA to provide additional cost data that must be provided to GSA before continuing the negotiations with the developer.

Region I  
Items of Interest  
Week Ending January 11, 1991

1. Amersham Corporation

Amersham Corp., a licensee in Burlington, Massachusetts, made a 10 CFR Part 21 telephone notification on January 7, 1991. The licensee reported that they had identified, on January 4, 1991, that 15 of their radiography exposure devices Model 920 may have a defective fitting. The fitting is the point of attachment for the source guide tube which allows the radiographer to direct the radioactive source from the shielded exposure device to the equipment to be exposed. The defect could prevent the secure connection between the guide tube and exposure device permitting a separation during radiography and subsequently preventing retrieval of the source which may become dislocated. Amersham Corp. reported they are contacting individual companies who have these devices, on January 8, 1991 to arrange for a check of all suspect fittings. No incidents have been reported by Amersham due to the suspect fittings. Headquarters and all regional offices have been sent a copy of the notification.

Region II  
Items of Interest  
Week Ending January 11, 1991

1. Virginia Electric and Power Company

On January 8, Region II conducted enforcement conferences with the senior managers of Virginia Electric and Power Company on their Surry and North Anna facilities.

2. Florida Power and Light Company

On January 11, Region II held a public meeting at the St. Lucie site to discuss the SALP results with FPL Management. The Regional Administrator was in attendance.

3. Duke Power Company

On January 5, during a maintenance outage, the licensee found three broken and one missing U-bolt and one missing clevis pin to the ice baskets for the Catawba Unit 1 ice condenser. Catawba Unit 2 was shutdown and a visual inspection was made of the U-bolts and clevis pins to the ice baskets in the Unit 2 ice condenser. Also, a proof torque pull test was performed on a sample of the bolts in both units and no failures were identified.

4. NFS Site Visit

On January 11, 1991, the Deputy Director, Office of Nuclear Materials Safety and Safeguards and Region II staff, visited the Nuclear Fuel Services, Inc. facility in Erwin, Tennessee. The onsite visit included a tour of the facility and discussions on the status of licensee's programs.

5. Georgia Tech Management Meeting

On January 10, the Regional Administrator, other Region II staff, and a representative from NRR met with Georgia Tech management to exchange views of licensee performance, to discuss other topics of mutual interest, and to tour the facility. Three operator licensing certificates were also handed out. Georgia Tech management welcomed the visit and stated they were in favor of doing this on an approximate annual basis.

6. US Navy Master License-Annual Appraisal

The Annual Review of the Navy Master Materials License Program was completed January 10, 1991. A full day was spent at each of the Navy's Technical Support Centers (Norfolk and Yorktown Naval Weapons Center), and the review was concluded at the offices of the Navy Radiation Safety Committee in Crystal City, Va. No violations or significant issues were found during the review.

Region III  
Items of Interest  
Week Ending January 11, 1991

1. Combustion Engineering, Hematite, Missouri

On January 8, 1991, C. E. Norelius, Director, Division of Radiation Safety and Safeguards, and selected regional staff along with C. Haughney, Office of Nuclear Material Safety and Safeguards, conducted a management meeting with Combustion Engineering to discuss their findings regarding lessons learned from the recent release of uranium hexafluoride (UF-6). The licensee described their findings and the actions to prevent further releases.

2. Perry Nuclear Plant

During the period December 31, 1990, to January 4, 1991, the licensee experienced numerous problems with the slow-closure of the inboard MSIVs. This condition was caused by incorrect "lap settings" between the "set screws" and the "yoke rods." Upon review, the licensee determined that the required "cold" adjustment of these set screws had not been accomplished. On January 1, 1991, maintenance personnel performed the "cold" adjustments on all four inboard MSIVs. On January 3, 1991, with the reactor at rated temperature and pressure, inboard MSIV 22B failed to "slow-close" and was declared inoperable at 4:30 a.m. At 11:00 a.m. inboard MSIV 22D was declared inoperable after it failed slow-closure testing. The licensee determined that the "cold" adjustments had failed to compensate for "hot" conditions. On January 4, 1991, maintenance personnel adjusted the set screws again. Both valves retested satisfactorily and were declared operational.

On January 4, 1991, the main generator was synchronized to the grid signifying completion of the licensee's second refueling outage. Total duration of this outage was 119 days.

3. Clinton Power Station

On January 4, 1991, the fuel building basement was flooded with approximately 100,000 gallons of water. The flooding was caused by a service water isolation valve being installed backwards which caused the bonnet of its associated service water flow control valve to blow off during disassembly for maintenance. The licensee entered their "flooding off-normal" procedure and took appropriate action to recover from the incident.

4. Big Rock Point Nuclear Plant

Commissioner James Curtiss and Hubert J. Miller, Director, Division of Reactor Projects, Region III, toured the Big Rock Point plant on January 7, 1991, and met with site personnel.

5. Point Beach Nuclear Plant

On January 11, 1991, Mr. Hubert Miller, Director, Division of Reactor Projects, and other staff members conducted a routine management meeting with Mr. James Zach, Senior Manager, Nuclear Engineering, and other members of the licensee staff at the Wisconsin Electric Power Company corporate headquarters in Milwaukee, Wisconsin. Items discussed included: corrective action program improvement status; QA and QC programs; vertical slice status; and licensee requalification exam schedule.

6. D. C. Cook Nuclear Plant

American Electric Power Company, the owner of the D. C. Cook Nuclear Plant, announced the appointment of Mr. Gene Fitzpatrick to the position of Vice President Nuclear, effective with the retirement on April 1, 1991, of Mr. Milton Alexich. Mr. Fitzpatrick has been Vice President and Director, Oyster Creek Nuclear Power Station.

Region IV  
Items of Interest  
Week Ending January 11, 1991

1. Arkansas Nuclear One Pre-SALP Meeting

On January 8, 1991, Mr. J. W. Yelverton, Director of Nuclear Operations, Entergy Operations, Inc., and members of his staff visited the Region IV offices and meet with the Region IV staff at the request of the licensee for the purpose of exchanging information regarding the licensee's staff assessment of their SALP performance.

2. Comanche Peak, Unit 2, Construction Restart

On January 2, 1991, construction activities on Unit 2, which is approximately 85 percent complete, were reinitiated. It is noted that the licensee suspended construction on Unit 2 in April of 1988 in order to concentrate their resources on the completion of Unit 1 which received its full-power license on April 17, 1990. Unit 2 project management established a completion schedule which included the resumption of engineering efforts in June of 1990, in order to confirm existing design configurations, review and update existing construction work packages, and develop supporting engineering documentation. Project milestones have been established which tentatively forecast the first system turnover in August of 1991, open vessel testing in January of 1992, primary plant hydrostatic testing in April of 1992, hot functional testing in July of 1992, integrated leak rate testing in September of 1992, and fuel load in January of 1993. Current Unit 2 construction staffing levels consist of approximately 300 nonmanual personnel and approximately 340 manual personnel. Unit 2 construction manpower staffing levels are anticipated to peak in the August 1991 timeframe at approximately 430 nonmanual and 1940 manual personnel.

3. Unusual Event at Sequoyah Fuels Corporation

On January 8, 1991, Sequoyah Fuels Corporation (SFC) notified Region IV of an Unusual Event (UE) during which a small amount of hydrogen fluoride (HF) was released into the Main Process Building. Two maintenance workers, dressed in acid resistant suits and supplied air, were rebuilding the drain valve on the secondary cold trap line. Although the line had been drained during the night and was under a constant vacuum while the men were working, a few ounces of a liquid HF spilled out when they removed the ball. A "smoke" quickly formed and other licensee personnel observing the work, not in protective clothing, immediately left the area and notified the control room. The maintenance workers immediately placed a vacuum hose in the valve body, but no other liquids were released. The small HF cloud quickly dissipated. The UE was declared at 0815 and terminated at 0835, when the HF threat had subsided.

The licensee reported that no workers were injured and that they will be obtaining bioassay data from workers in the area.

The licensee believes there were no offsite consequences.

4. Soviet Nuclear Safety Experts' Visit

Three representatives of the Soviet Union's nuclear safety agency (GPAN) arrived in Region IV January 11. They will spend one week in the regional office and at sites before proceeding to Region I.

Region V  
Items of Interest  
Week Ending January 11, 1991

1. San Onofre Nuclear Generating Station, Units 2 & 3

Regional Administrator John B. Martin notified Southern California Edison of two apparent Severity Level III violations by letter on January 4, 1991. Each violation involved the isolation of one train of safety-related equipment while in Mode 1 for periods exceeding the Technical Specification limits. A total of \$150,000 in civil penalties has been proposed. The licensee has publicly announced that the violations and civil penalties will not be contested.

2. Veterans Administration Medical Center in San Diego

Mr. Scarano, Director, DRSS and selected Region V staff met with the Director of the Veterans Administration Medical Center in San Diego and his staff for an enforcement conference on January 10, 1991. The subject of the meeting included the results of the follow-up inspection for the contamination spread at the VAMC and a medical misadministration.



ITEMS ADDRESSED BY THE COMMISSION - WEEK ENDING JANUARY 11, 1991

- A. STAFF REQUIREMENTS - BRIEFING ON LEVEL OF DESIGN DETAIL FOR PART 52 (SECY-90-377), 10:00 A.M., FRIDAY, DECEMBER 7, 1990, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY to James M. Taylor, EDO dated 1/9/91

The Commission was briefed by the NRC staff on the level of design detail recommended for design certification.

The Commission reiterated that the application for a design certification must contain a level of design information sufficient to enable the Commission to reach a final conclusion on all safety questions associated with the design before the certification is granted. The Commission also reiterated that ITACs are to provide reasonable assurance that a plant which references the design is built and will operate in accordance with the design certification and thus are not to be used to reach a final conclusion on any safety question associated with the design.

Chairman Carr noted that severe accident mitigation measures still need to be addressed under NEPA in either the design certification or in some preliminary rulemaking.

Additional questions and/or staff requirements may be generated as a result of the Commission voting process on SECY-90-377 and, in such case, will appear in the SRM on that paper.

JANUARY 11, 1991

NRR MEETING NOTICES

January 11, 1991

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
01/22/91 9:00-11:00	50-305	One White Flint North Room 4B-13	Meeting with Wisconsin Public Service Corp. to discuss KeWaunee steam generator mid-cycle report.	NRC/WPSC	M. Davis
01/22-24/91 8:30-5:00	None	One White Flint North Room 6B-11 (Tues. & Thurs.) Room 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
01/29/91 8:00-12:00	50-275/ 3_3	One White Flint North Room 4B-13	Meeting with Pacific Gas and Electric Company to discuss dedication of Sixth Diesel Generator at Diablo Canyon.	NRC/PG&E	H. Rood

\* 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.

ENCLOSURE 0

JANUARY 11, 1991

January 11, 1991

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 9:00-11:30		OWFN	BR-100 Spent Fuel Ship. Cask, Crit. & Shield.	NRC DOE DSW	C. Withee

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>
1/14 9:00 a.m.	70-143	OWFN 6B-9	To discuss financial assurance for decommissioning with Nuclear Fuel Service (NFS)	NRC NFS	S. Pennington
1/14 1:30 p.m.	M-53	OWFN 6B-9	To meet with Pacific Sierra Nuclear (PSNA) discuss completion of Topical Report Review and submittal of application for storage cask Certificate of Compliance	NRC PSNA	J. Roberts
1/17 10:00 a.m.	70-1100	OWFN 16B-11	Combustion Engineering - Windsor, CT, (CE), Pre Licensing meeting	NRC CE	S. Soong

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JANUARY 11, 1991

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>
1/20-22		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
2/24-28		Tucson, AZ	Present papers at WM 91	NRC	J. Greeves

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>
1/16-17		Arlington, VA Rosslyn Westpark Hotel	Nuclear Waste Technical Review Board	NRC	J. Holonich

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JANUARY 11, 1991

January 11, 1991

Office for Analysis and Evaluation of Operational Data

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
01/16		FEMA	Federal Response Subcommittee to discuss Agency review of the FRERP	NRC, Federal Agencies	Rosemary Hogan
01/17		OWFN	EPA and FEMA to discuss implementation of PAGs	AEOD, EPA, FEMA	Rosemary Hogan
01/18		Oyster Creek New Jersey	Exit Meeting with General Public Utilities	AEOD, NRR RI, GPU	Chris Grimes
01/22-23		RV	ERC Workshop	Hqts., Regional Rep.	Eric Weinstein
01/23		Hall of States	Quarterly meeting of FRPCC	AEOD, Other Federal Agencies	Lee Spessard
01/29		OWFN	State Liaison Counterpart Meeting	IRB, State Liaison Officers	Eric Weinstein
01/30		DOT	NRT Training meeting to discuss training of offsite responders to hazardous materials accidents	IRB, Federal Agencies	Rosemary Hogan
01/31		DOT	NRT Training	IRB, Federal Agencies	Rosemary Hogan
02/26		RIV	Regional Assessment	AEOD, RIV	Eric Weinstein
03/13		RII	Regional Assessment	AEOD, RII	Eric Weinstein
03/20		Operations Center	St. Lucie Exercise	Utility, State, IRB	Don Marksberry

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JANUARY 11, 1991

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>
01/29-30/91 1:30pm 9:00am	50-245 336/423	Region I	SALP Board Meeting NNEC - Millstone	Selected NRC Staff Members	Haverkamp
01/22/91 10:00 a.m.	50-387 50-388	Region I	SALP Board Meeting PPL - Susquehanna	Selected NRC Staff Members	Swetland

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January 11, 1991

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>
01/15/91 1:00 p.m.		Wash, DC	Management Meeting - TVA Watts Bar	Regional Administrator, and Licensee	Ebnetter
01/18/91 10:00 a.m.		RII Office	Enforcement Conference NFS	RA, Regional staff, and Licensee	Ebnetter
1:00 p.m.			Enforcement Conference FPC - Crystal River	RA, Regional staff, and Licensee	
01/23/91 2:00 p.m.		RII Office	Regional Awards Presentation	All Staff Members	Ebnetter
01/29/91 10:00 a.m.		RII Office	Pre-SALP Presentation by Entergy, Inc. - Grand Gulf	DRA, Regional Staff, and Licensee	Reyes
01/30/91 1:00 p.m.		RII Office	Management Meeting - Greenbriar Hospital	RA, Regional Staff, and Licensee	Ebnetter
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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JANUARY 11, 1991

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>
01/25/91 10:00 am	50-263	Region III	Northern States Power, Monticello - Management Meeting	Licensee, Director, Division of Reactor Projects, and selected members of RIII Staff	Miller
01/25/91 11:00 am	030-02764	Region III	University of Cincinnati - Enforcement Conference	Licensee, Regional Administrator and selected members of RIII Staff	Norelius
01/29-31/91		Region III	Resident Inspector Seminar	Regional Administrator, Director, Division of Reactor Projects, Resident Inspectors and selected members of RIII Staff	Miller
01/31/91 9:00 a.m.	50-331	Region III	Iowa Electric Company, Duane Arnold - Management Meeting	Licensee, Regional Administrator and selected members of RIII Staff	Davis
01/31/91 2:00 p.m.	50-295 50-304	Zion	Commonwealth Edison Company, Zion - Systematic Assessment of Licensee Performance Presentation	Licensee, Regional Administrator and selected members of RIII Staff	Miller
01/31/91 7:00 p.m.		Newbergh Heights, OH	Public Meeting to Discuss Decontamination at the Chemetron site, Newbergh Heights, OH	Licensee, Director, Division of Radiation Safety and Safeguards, and selected members of NMSS and RIII Staffs	Lickus

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JANUARY 11, 1991

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>
02/01/91 10:00 am	50-315 50-316	Region III	Indiana Michigan Power Company, D. C. Cook - Management Meeting	Licensee, Regional Administrator and selected members of RIII Staff	Miller
02/07/91	50-440 50-441	Headquarters	Cleveland Electric Illuminating Co., Perry - Management Meeting	Licensee, Regional Administrator and selected members of Headquarters and RIII Staffs	Miller

ENCLOSURE 0

JANUARY 11, 1991

Region IV Meeting Notice

January 11, 1991

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
1/17/91 1:00	--	URFO	Meeting with Petromics Co. discuss modifications of corrective action plan to incorporate an alternate concentration limit pgm.	Petromics &	C. Corbett

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January 1, 1991

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>
2/5-7/91	N/A	Denver, CO	Counterpart Meeting	R. Scarano, RV DRSS Division Directors	R. Scarano
2/13/91	50-528 50-529	Palo Verde	Palo Verde SALP meeting	J. Martin K. Perkins Appropriate Personnel	H. Wong

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