

For PDR

January 26, 1994

For: The Commissioners

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

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING JANUARY 21, 1994

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*No input this week.

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Office of Nuclear Reactor Regulation
Items of Interest
Week Ending January 21, 1994

Meeting on Development of Software Audit Tool

On January 18, 1994, staff from the Instrumentation and Controls Branch, NRR, and Human Factors Branch, RES, met with RES' contractor, the National Institute of Standards and Technology, to discuss issues and requirements for the development of a tool to be used by NRR when auditing software. RES is proposing the use of a computerized tool called Unravel to assist NRR auditors in assessing the accuracy of software proposed for use in digital instrumentation and control systems in nuclear power plants. The NRR and RES staffs are working to ensure that the proposed tool will be feasible and practical for its intended purpose.

Meeting with Mitsubishi Atomic Power Industries on Maintenance Rule

Richard Correia and Charles Petrone of the Performance and Quality Evaluation Branch met with representatives from Mitsubishi Atomic Power Industries (MAPI) and Nuclear Power Engineering Corporation (NUPEC) on January 21, 1994. The meeting focused on the Maintenance Rule (10 CFR 50.65) during which the MAPI and NUPEC representatives and the staff discussed the current status and schedule of NRC Maintenance Rule activities, and the results of the industry's verification and validation program for NUMARC 93-01, "Industry Guideline for Monitoring the Effectiveness of Maintenance at Nuclear Power Plants."

Indian Point 3

The unit has been shutdown since February 26, 1993, for the "Performance Improvement Plan (PIP)" outage. A Confirmatory Action Letter (CAL) documents the licensee's restart commitments. A revised restart schedule has not yet been issued; however, plant restart before Summer 1994 does not seem likely.

The New York Power Authority (NYPA) Situation Assessment Team commenced its inspection effort this week at the Indian Point 3 site. As a result of recent events, NYPA management came to the conclusion that the PIP had not been totally effective at correcting problems at the plant and determined that more work needed to be put into resolving and closing the management and performance issues associated with plant restart. Arnie Belis, Vice President - Finance, was assigned to lead NYPA's Situation Assessment Team, mostly comprised of consultants, to conduct inspections and assessments at Indian Point 3 with the purpose of developing and implementing a communication plan, a corrective action plan, and a process to verify effectiveness of the corrective actions. Mr. Belis and his team report directly to Bob Schoenberger, the President of NYPA (acting). The team's on site work will continue into early February.

On January 24, 1994, a meeting was held with NYPA management in the Region I office to discuss Indian Point 3's revised restart plan and work control plan. The meeting was requested by NYPA.

Oconee Unit 3 - Steam Generator Plug Status

As previously reported, eight steam generator tube plugs were found in the Oconee Unit 3 reactor vessel during a post-defueling inspection. Inspections of the two steam generators revealed 14 tube plugs missing from the lower head of the "B" steam generator, and that an additional 14 tubes showed signs of plug leakage. The "A" steam generator revealed no problems. Preliminary indications were that all of the missing and leaking plugs were installed by a single B&W crew on one specific shift. The licensee continues to look for the remaining six plugs.

On January 19, 1994, the NRC staff held a conference call with Duke Power and B&W representatives to discuss the status of the investigation of the dislodged plugs. A review of video tapes of the plug installation equipment revealed misoperation of the automatic tube plug rolling machine. The machine is to roll the plug into the tube until a specified torque value is reached. At that time a clutch-actuated valve shuts which isolates the air pressure to the rolling tool. A separate proximity switch senses the rotation of the shaft which drives the roller. When this switch senses no rotation for three seconds (which would occur when the clutch-actuated valve shuts), the proximity switch isolates air to the tool to allow its removal from the tube. B&W believes that this switch misoperated, resulting in early termination of the torquing process, and thus loose tube plugs.

Since January 1992, B&W has used this tool to install steam generator plugs in nine plants. These plants are: Arkansas Units 1 and 2, Crystal River Unit 3, Davis-Besse, Oconee Units 1, 2, and 3, Summer, and TMI Unit 1. B&W is reviewing the video tapes for each of these plants to determine whether other plug installations may be faulty. This review is scheduled to be completed by January 21, 1994. Approximately 60-75% of the plug installations for the nine plants have been reviewed, with only one additional plug indicating inadequate torque. This plug was in the Oconee Unit 2 "B" steam generator upper tube sheet. The licensee has determined that continued operation with this plug condition is justified based on its location in the upper tube sheet. In addition, the tube was removed from service based on indication of degradation within the area of the tube support plate, minimizing the consequences of a tube break in this area.

Each tube plug which received inadequate installation torque will be removed and new plugs installed. B&W has modified the tool to require manual isolation of air to the tool, rather than the automatic isolation from the proximity switch. Procedure enhancements and training upgrades for the technicians will also be completed prior to tube plug installation. NRC will closely monitor the actions by both the licensee and B&W in resolving this issue. On January 25, 1994, NRC will meet with the B&W Owners Group to discuss actions related to this issue.

Currently, Oconee Units 1 and 2 are operating at 100% power.

Office of Nuclear Material Safety and Safeguards
Items of Interest
Week Ending January 21, 1994

Discussion with Representatives from the Kurchatov Institute

The Regulatory and International Safeguards Branch (FRIB) staff have had recent discussions with representatives of Russia's Kurchatov Institute (KI) regarding the establishment of a Material Control and Accounting (MC&A) system in Russia. On January 19, 1994, an FRIB staff member participated in a meeting at DOE Headquarters with KI and American Technical Institute (ATI) officials to discuss an MC&A system under development by KI under ATI project management and "seed money" funding. The purpose of this meeting was to present this project to U.S. Government Safe and Secure Dismantlement (SSD) MC&A Subgroup members, and to solicit SSD funds support for this endeavor. The MC&A Subgroup members briefed the KI and ATI officials on the anticipated MC&A program to be discussed with Russian government (GAN and MINATOM) officials next month (February 14-18, 1994).

On January 20, 1994, the Nuclear Regulatory Commission participated in a meeting with Dr. Ponomarev-Stepnoy of the KI. Dr. Ponomarev-Stepnoy presented a document summarizing the Kurchatov/ATI project. A commitment was made to review this document and provide comments to the Kurchatov Institute. NRC is exploring funding sources for support of Russian regulatory officials through Kurchatov Institute, independent of ATI involvement.

Uranium Recovery

Meeting with Representatives of Atlas Corporation regarding Moab Decommissioning:

At the request of the Atlas Corporation, of Moab, Utah, staff from the Division of Low-Level Waste Management and Decommissioning and the Uranium Recovery Field Office met on January 13, 1994, with the licensee and its contractor Canonie, to discuss the staff's requests for technical information previously sent to Atlas. Representatives from the National Park Service, the U.S. Geological Survey, the Environmental Protection Agency, the State of Utah, and the Grand County Council were also present. The discussions centered on the staff's requests for information on faulting and seismic evaluations, settlement of the pile, categorization of the radiological nature of the tailings and background, and potential for disruption of the pile from movement by the Colorado River. Atlas and Canonie indicated that they understood the staff's request and would comply with the time schedule of January 29, 1994, for many of the responses. For those requiring more time, Atlas will inform the staff of the anticipated submittal date in its January 29, 1994 letter.

Meeting with the State of Utah on Uranium Recovery Issues

Staff from the Division of Low-Level Waste Management and Decommissioning, the Uranium Recovery Field Office, and Region IV State Programs met with representatives of the State of Utah's, Division of Radiation Control and Attorney General's office. The purpose of the meeting was to discuss recent

concerns raised by the Utah Radiation Control Board (URCB) on amendments issued by the staff to the Umetco White Mesa Mill in Blanding, Utah. These amendments permitted Umetco to dispose of in-situ waste and process alternate feed material. Several members of the URCB were concerned that the staff had issued the amendment without an accompanying environmental assessment (EA) since it met the categorical exclusion provisions of 10 CFR 51.22. At the meeting the staff explained the Nuclear Regulatory Commission process for including public participation in its licensing decisions. The State of Utah discussed its process for allowing public participation, and described several meetings it had with Umetco to discuss the potential for Umetco to, on its own, hold more public meetings and to issue newsletters for interested members of the public. In addition, Utah expressed the potential for it to become an Agreement State.

Meeting with the Department of Energy on Formally Utilized Sites

On January 19, 1994, staff from the Division of Low-Level Waste Management and Decommissioning and Office of State Programs met with representatives of the Department of Energy (DOE) to discuss the Formerly Utilized Sites Remedial Action Program (FUSRAP). FUSRAP, which was initiated in 1974 under the Atomic Energy Act (AEA), requires DOE to identify and clean up contaminated sites used in the early years of the nation's atomic energy program. DOE is considering disposal of some FUSRAP waste, most of which is 10 CFR 11e(2) byproduct material, at commercial disposal facilities and issued a request for procurement in November 1993 requesting bids by August 1994. Commercial facilities eligible to bid would have to be licensed by the Nuclear Regulatory Commission or an Agreement State to dispose of 10 CFR 11e.(2) byproduct material. In addition to commercial facilities, several mill licensees have expressed interest to DOE on disposing of the FUSRAP material in existing tailings impoundments. DOE briefed NRC staff on the FUSRAP program and the strategy for contracting for disposal. NRC staff discussed licensing of such disposals, potential scheduling problems due to resource availability, and considerations associated with disposal in tailings impoundments such as schedules established to meet 40 CFR Part 192, Subpart T requirements. At the close of the meeting, DOE agreed to review activities on FUSRAP, and let the NRC know what bidders had licenses or would need license amendments to be able to accept FUSRAP material. In addition, DOE agreed to provide the NRC with a priority status of all programs presently facing the NRC. These include FUSRAP, disposal of the Monticello site waste at the Umetco White Mesa mill, and Uranium Mill Tailings Radiation Control Act Title I site reviews.

Office of Nuclear Regulatory Research
Items of Interest
Week Ending January 21, 1994

Hydrogen Combustion in Presence of Igniters During Steam Condensation

The first test to study the hydrogen combustion phenomena in rapidly condensing steam environments and in the presence of an ignition source (glow plug igniters) was conducted in the SURTSEY Test Facility at Sandia National Laboratories on January 12, 1994. Six experiments with both well-mixed and stratified hydrogen will be performed. The objective of the experiments is to determine if energetic forms of combustion are possible when originally inerted combustion mixtures undergo steam condensation by water sprays. These test simulate postulated severe accident scenarios applicable to CE System 80+, where following power recovery and subsequent availability of spray systems lead to steam condensation in the containment and simultaneous increase in the relative concentration of hydrogen.

The SURTSEY vessel was instrumented, sealed, and inerted with saturated steam at 52 psia. Hot air was then added to a concentration of approximately 24 mole %. Heated hydrogen was added to achieve a concentration of approximately 4 mole %. The gases were well mixed using fans installed inside the SURTSEY vessel. The temperature and pressure prior to operation of the spray were approximately 140°C and 68 psia. The glow plug igniters were activated, and the spray system was turned on and operated for 19 minutes. The flow rate and the temperature of the spray water were 25 gpm and 50°C. (simulating one train of the CE Sys 80⁺ containment spray).

Final temperature and pressure in the SURTSEY vessel was approximately 93°C and 25 psia. The pressure curve showed no significant pressure increase during the spray down. However, analysis of background and post-test gas grab samples showed that hydrogen concentrations decreased from 13.5% to 9.4%. This signified that hydrogen combustion occurred. The gas data, along with lack of any significant pressure increase during the burn and condensation events, confirmed the staff position that benign hydrogen deflagration occurred with no noticeable pressure loads on the SURTSEY vessel. It should be noted that this test was terminated after about 19 minutes due to depletion of the water supply to the spray. The 2nd test was conducted on January 19, 1994, with the temperature of the spray water reduced to 10°C to ensure that a de-inerted condition is established. Although gas sample data is not yet available, it was evident from instrument and video observation during the test that hydrogen burned was benign as the steam was condensed. The 3rd test of this series will be conducted on approximately January 27, 1994, with higher initial steam concentration.

Office for Analysis and Evaluation of Operational Data
Items of Interest
Week Ending January 21, 1994

Response to Northridge Earthquake

On January 17 and 18, AEOD staff responded to the FEMA Emergency Information Coordination Center (EICC) as part of the Federal response to the Northridge Earthquake. The NRC, representing Emergency Support Function #13, provided information on the status of the nuclear power plants (San Onofre and Diablo Canyon) and the materials licensees in the Los Angeles area. NRC Region V coordinated with FEMA Region X to ensure accurate and timely communications concerning the nuclear facilities was maintained. Additionally, on January 18, the NRC was represented at a meeting of the Catastrophic Disaster Response Group (CDRG). This meeting provided a forum for updating and coordinating activities concerning the Federal response to the earthquake. The NRC was not requested to provide any specific support as a result of this meeting.

Coordination Meeting with the Department of Energy FRMAC Management Team

During the week, a member of the IRB staff met with the Federal Radiological Monitoring and Assessment Center (FRMAC) Evaluation and Assessment Work Group to discuss the ground monitoring procedures being developed as part of the FRMAC response to a radiological accident. Finalized procedures concerning monitoring techniques should be developed within the next quarter.

Preliminary Notifications

- a. PNO-I-94-005, Haddam Neck 1, Sequential (Unrelated) Unusual Events Declared at Connecticut Yankee.
- b. PNO-I-94-006, Salem 1, 2, PJM Grid Stability Concerns.
- c. PNO-III-94-02, University of Cincinnati, Medical Misadministration Involving Leaking Iodine-125 Seed.
- d. PNO-III-94-03, St. Rita's Medical Center, Reported Iodine-131 Misadministration.
- e. PNO-III-94-04, Fermi 2, Public Exit Meeting in Newport, Michigan, Concerning NRC AIT Findings on Fermi 2 Turbine Generator Failure (Final Update).
- f. PNO-IV-94-002, Department of the Air Force, Brooks Air Force Base, Texas, Therapeutic Misadministration.
- g. PNO-V-94-001, San Onofre 2, 3, Southern California Earthquake.

Office of Administration
Items of Interest
Week Ending January 21, 1994

Center for Nuclear Waste and Regulatory Analyses Award Fee

A letter was issued to the Center for Nuclear Waste and Regulatory Analyses (CNWRA) on January 8, 1994, establishing an award fee in the amount of \$316,673 for evaluation period twelve. This award was made in conjunction with NRC's contract for the CNWRA to perform research in support of the Agency's high level waste program. This amount represents five percent of the total estimated costs less cost of facilities capital for that period. This rating reflects an overall performance by the CNWRA in the excellent range.

Significant FOIA Requests Received by the NRC For 4-Day Period of January 14 - January 20, 1994

Request for records relating to the Timex Corporation of Connecticut. (Reed Rubinstein of Levy & Droney, P.C., FOIA-94-23)

Request for a summary of non-compliance statistics for reactors licensed by the NRC, by year and severity level, for the years 1992 and 1993. (Winthrop Hayes, American Nuclear Insurers, FOIA-94-24)

Request for minutes of the Senior Management Meeting held on January 11-13, 1994. (Laura Armstrong of Winston & Strawn, FOIA-94-25)

Request for records related to planned or unplanned radiation emissions or nuclear accidents at the Pilgrim nuclear power plant between 1980 and 1993. (Andrea Altieri, FOIA-94-26)

Request for information on the number of nuclear devices in the Peoples Republic of China. (David Winfrey, FOIA-94-27)

Request for specified records regarding Dayton X-Ray, Inc. of Ohio. (Chris Cottrill, FOIA-94-28)

Request for records relating to the Petrotoomics Mining Facility in Wyoming. (Jeffrey Segal of Selman, Breitman & Burgess, FOIA-94-29)

Request for copies of "Notices of Enforcement Discretion" that have been issued since January 1993. (Karen Unnerstall of Newman & Holtzinger, P.C., FOIA-94-30)

Request for copies of the annual or field inspection report results for 1983 through 1993 for Alaska Industrial X-Ray, Inc., C.T.I. Alaska, Inc., and Century Inspection, Inc. of Alaska. (Donald Lockman, Testing Institute of Alaska, Inc., FOIA-94-31)

Office of Information Resources Management
Items of Interest
Week Ending January 21, 1994

Nuclear Power Experience and the Operating Plant Experience Code
Demonstration

On January 14, 1994, the Library staff arranged a demonstration of two updated databases, Nuclear Power Experience (NPE) and Operating Plant Experience Code - 3 (OPEC-3). The demonstration was attended by Library staff and two staff members from the Office of Nuclear Reactor Regulation (NRR). Currently, the Library, NRR, the Office for Analysis and Evaluation of Operational Data (AEOD), Regions I and III, and the Technical Training Center (TTC) have access to NPE a database of nuclear power experience based on Licensee Event Reports (LER). OPEC-3 is an analytical database of Nuclear Power Experience that is based on LERs and Monthly Operating Reports submitted to NRC. The Library will contact NRR, AEOD, the Regions and TTC to determine their requirements for the OPEC-3 database.

Computer Virus

On January 19, 1994, the AUTOS (Agency Upgrade of Technology for Office Systems) help desk reported that a virus was identified on a PC (personal computer) located in One White Flint North. Using F-prot and the IBM VIRSCAN programs, it was determined that the machine was infected with the STONED virus. The F-prot software was used to remove the virus from the machine and to restore the master boot sector on the C drive. Several floppy disks were also checked but none were infected. The machine is located in an open area accessible by anyone wanting to use it.

Office of Personnel
Items of Interest
Week Ending January 21, 1994

NRC Mentoring Program Training Sessions Conducted

On January 18, 1994, three mentoring training sessions were conducted for the mentors of NRC's Mentoring Program. The sessions covered program goals, benefits to mentors, program ground rules, coaching and counseling techniques, and roles of both the mentor and mentee. On January 19, 1994, a full-day training session was conducted for the mentees. This session included program goals, benefits to mentees, program ground rules, and self assessments. Mary Fillmore, Director, Changingwork, Inc., conducted the sessions.

Arrivals

DUDLEY, Noel	SR. STAFF ENGINEER (PFT)	ACRS
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Retirements

RAMIREZ, Raymond	SR. OPERATIONS ENGINEER (PFT)	NRR
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Departures

DICKENS, Chad	CLERK (STAY-IN-SCHOOL) (OPFT)	OP
JOHNSON, Wayne	REACTOR ENGINEER (PFT)	RV
KONWINSKI, Gary	PROJECT MANAGER (PFT)	RIV

Office of Enforcement
Items of Interest
Week Ending January 21, 1994

Significant Enforcement Actions

A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$187,500 was issued on January 21, 1994 to Vermont Yankee Nuclear Power Corporation. This action was based on the violations identified as a result of the follow-up of nuclear fuel handling incidents and the inoperability of the alternate cooling tower. The fuel handling violations were caused by failure to detect and correct widespread procedure noncompliance during the movement of nuclear fuel. The violations have been characterized as a Level III problem. A civil penalty of \$87,500 has been proposed after 25% mitigation from the base civil penalty of \$50,000 for corrective actions and escalation of 100% for the multiple examples of procedure noncompliance. The inoperability of the alternate cooling tower was caused by failure to detect and correct the buildup of silt in the cooling tower basin to above the service water system suction inlet. The violation has been characterized as a Severity Level III violation. A civil penalty of \$100,000 has been proposed after 50% mitigation from the base civil penalty of \$50,000 for identification, escalation of 50% for failure to implement prompt and comprehensive corrective actions, and escalation of 100% for failure to act after prior opportunities to identify the silting problem. (EN 94-004)

A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$250 was issued on January 19, 1994, to H. C. Nutting Company, Detroit, Michigan for one Severity Level III violation associated with an event on June 7, 1991, in which a nuclear moisture density gauge was left unattended and was run over by a scraper. The violation involves the failure of the authorized user to keep licensed material under constant surveillance and control. (EN 94-003)

By EN 93-099 dated October 4, 1993, the Commission was notified of the intent of OE to issue a Notice of Violation and Proposed Imposition of Civil Penalty (Notice) in the amount of \$5,000 to Indiana University School of Medicine for a violation involving a failure to implement required objectives of the medical quality management program and a resulting teletherapy misadministration. The licensee responded to the Notice in a letter dated October 29, 1993. After careful consideration of the licensee's response, the staff has concluded that the violation did occur as stated and that the severity level and civil penalty amount were appropriately assessed in the Notice. Accordingly, an Order Imposing a Civil Penalty in the amount of \$5,000 was issued January 18, 1994. (EN 93-99A)

Office of Consolidation
Items of Interest
Week Ending January 21, 1994

Second Building Status

During the week, snow and ice forced cancellation of various activities including evaluation of ergonomic seating at the Franconia, Va. warehouse and shipment of Transwall demountable walls scheduled for Thursday, January 20. A computer board short in the freight elevator controls on the previous weekend caused a backup of Haworth furniture deliveries early in the week which was eliminated by Wednesday, January 19. OMNI stripped out the old plywood sheeting in the freight elevator and replaced it with new material.

At the weekly progress meeting on January 19, Lerner's representative and OMNI's representative presented an analysis of the status of work on the punchlist items which showed that OMNI had worked on about a third of the identified items needing repair or correction as of January 14.

On January 18, the TWFN Team met to discuss project status and pending issues.

Office of State Programs
Items of Interest
Week Ending January 21, 1994

Central Interstate LLRW Commission Meeting

Charles Hackney, Region IV State Liaison Officer, attended the Central Interstate Low-Level Radioactive Waste (LLRW) Commission Mid-Year Meeting on January 20, 1994 in Little Rock, Arkansas. The Commission conducted a number of routine matters, received status reports on the development of a disposal facility in Butte, Nebraska and considered several export/transport application actions.

Wisconsin Radiological Emergency Planning Meeting

Roland Lickus, Region III State Liaison Officer, attended the tenth annual Wisconsin Radiological Emergency Planning County Directors' Meeting on January 20-21, 1994 in Manitowoc, Wisconsin. The meeting was attended by Federal, State, local government and utility emergency planning officials for the purpose of reviewing emergency planning issues in Wisconsin.

Office of International Programs
Items of Interest
Week Ending January 21, 1994

Visit of Nelson Sievering, IAEA

Ambassador Nelson Sievering, the new U.S. governor to the International Atomic Energy Agency, met on January 19 with Commissioners he missed in a December visit to NRC. The resident Ambassador to UN Agencies in Vienna, John Ritch, III, also met with NRC Commissioners and the EDO before reporting to his post in Vienna. Discussions with both new Ambassadors focussed on strengthening the Safeguards system, the International Nuclear Safety Convention and other nuclear safety issues at the IAEA.

CONGRESSIONAL HEARING SCHEDULE

No. 49

OCA ASSIGNMENT	DATE & PLACE	TIME	WITNESS	SUBJECT	COMMITTEE
Keeling	01/24/94 192 DSOB	10:00	Strobe Talbott	Aid to the Republics of the FSU	Senators Leahy/McConnell Foreign Operations Senate Appropriations
Keeling	01/25/94 2172 RHOB	10:00	Strobe Talbott	U.S. Policy Toward the Newly Indep States of the FSU	Reps. Hamilton/Gilman House Foreign Affairs
Kim	01/25/94 106 DSOB	9:45	DOE, HHS, DOD, DVA, Researchers, Participants	Radiation Experimentation	Senators Glenn/Roth Senate Governmental Affairs
Gerke	01/26/94 2261 RHOB	9:30	Markup	H.R. 2721, Fedl Employee Fairness Act	Reps. Owens/Ballenger Select Educ & Civ Rights House Education and Labor
Combs	02/01/94	10:00	TBA	Environmental Risk Assessment/EPA Bill	Reps. Synar/Hastert Env, Ener, & Natl Resources House Government Operations
Gerke	02/01/94 311 CHOB	10:00	TBA	Restructuring the Fedl Workforce	Del. Norton/Rep. Morella Comp & Emp Benefits House Post Off & Civil Service
Kim	02/02/94 2237 RHOB	2:00	TBA	Radiation Experimentation	Reps. Bryant/Gekas Admin Law & Govt Relations House Judiciary
Combs	02/08/94 366 DSOB	9:30	Greta Dicus	Uranium Enrichment Corp Nominees	Senators Johnston/Wallop Senate Ener & Natural Resources
Combs	02/18/94 Cheyenne Wyoming	TBA	NRC	Agreement State Program	Senators Lieberman/Simpson Clean Air & Nuc Regulation Senate Env & Public Works
Madden	Late Feb	TBA	NRC	Oversight of NRC's User Fee Program	Senators Lieberman/Simpson Clean Air & Nuc Regulation Senate Env & Public Works

OFFICE OF CONGRESSIONAL AFFAIRS
ITEMS OF INTEREST
WEEK ENDING JANUARY 21, 1994

JANUARY 21, 1994

ENCLOSURE 0

JANUARY 21, 1994

Callahan	03/01/94	TBA	OTA, GAO, Colorado, Ohio	Fedl Nuclear Facilities Act	Reps. Lehman/Vucanovich Energy & Mineral Resources House Natural Resources
Callahan	03/08/94	TBA	DOE, NRC, EPA, Defense Nucl Facil Safety Board	Fedl Nuclear Facilities Act	Reps. Lehman/Vucanovich Energy & Mineral Resources House Natural Resources
Keeling	03/09/94 2167 RHOB	9:30	TVA, NRC	TVA's Nuclear Program	Reps. Borski/Inhofe Investigations & Oversight House Publ Works & Transp
Madden	03/17/94	10:00	*NRC	NRC's FY95 Appropriation	Reps. Bevill/Myers Energy & Water Development House Appropriations
Madden	March	TBA	Markup	S. 1165, S. 1162 (2.206 Judicial Review, NRC's Legis Pkg & Authorization	Senators Baucus/Chafee Senate Env & Publ Works

Other upcoming hearing possibilities by the Clean Air & Nuclear Regulation Subcommittee, for which dates have not been set: Low-Level Waste Compacts--including a field hearing in California; Nuclear Medicine. Congress is scheduled to reconvene on Tuesday, January 25, 1994.

*A letter of invitation to this hearing has been received.

ENCLOSURE 0

Region I
Items of Interest
Week Ending January 21, 1994

1. RMC Enforcement Conference

The Division of Radiation Safety and Safeguards held an enforcement conference with RMC Calibration Services Inc. on January 18, to discuss apparent violations associated with their move from Philadelphia, PA, to Wilmington, DE, and with the receipt of material and licensed activities without obtaining prior NRC approval or having the appropriate NRC license. RMC Calibration Services Inc. is the present owner of the material. On February 3 an enforcement conference is scheduled with the previous owner of the material, RMC Consultants, for the purpose of understanding their involvement regarding the transfer of ownership of the material to an unapproved recipient without NRC approval.

Region II
Items of Interest
Week Ending January 21, 1994

1. Department of the Air Force (Region IV licensee)

On January 13, 1994, the licensee notified Region IV that a 3.9 curie source of Iridium-192 in an Omnitron 2000 High Dose Rate (HDR) afterloader unit failed to retract automatically from the patient. This resulted in a misadministration. The misadministration occurred at Keesler Air Force Base, Biloxi, Mississippi, which is in Region II. When the source did not retract after the prescribed treatment time, the HDR unit alarm and treatment room alarms immediately alerted staff. The medical staff entered the room, removed the source from the patient and retracted the source into the unit. A team of inspectors from Region II, Region IV and NMSS reviewed the circumstances for the event and licensee followup actions from January 18-20, 1994. A representative from FDA reviewed the event with the NRC team. The NRC has a medical consultant reviewing the case. The State of Mississippi was notified.

2. Carolina Power and Light Company

On January 19, the Regional Administrator and members of the Region II and NRR staffs conducted a public meeting at the Brunswick site to discuss the licensee's readiness for Unit 1 startup.

3. Visits by the Chairman

On January 20 and 21, respectively, the Regional Administrator accompanied the Chairman on a tour of the Tennessee Valley Authority's Watts Bar facility and Duke Power Company's Oconee Nuclear Station.

4. Georgia Power Company

On January 21, the Deputy Regional Administrator, accompanied by members of Region II and NRR staffs, was at Plant Hatch to present the latest SALP results to representatives of the Georgia Power Company. Following the SALP presentation, a public meeting was held with local officials in attendance.

Region III
Items of Interest
Week Ending January 21, 1994

1. University Of Cincinnati

On January 14, 1994, the licensee reported a medical misadministration involving an iodine-125 brachytherapy treatment. On January 7, 1994, sixteen iodine-125 seeds ranging from 10 to 30 millicuries each were implanted into the brain of a 30 year old male patient. Following the explant procedure on January 14, 1994, iodine-125 and thallium-201 contamination was found in the surgical room and in the bathrooms used by the patient. (The patient received thallium-201/technetium-99m scans prior to implant and explant) The maximum contamination level of 73000 dpm/100 cm² was found in surgery on a pan containing the explanted seeds.

Region III dispatched two inspectors to the university on January 15, 1994. Preliminary findings indicate that at least one seed was damaged by a staple used to secure the catheter containing the seeds in place during the implant procedure. Based on radiation measurements made by the licensee and confirmed by NRC inspectors, contamination was limited to a surgical room and two bathrooms. The licensee is in the process of decontaminating these areas. Direct radiation surveys (using a sodium iodide detector) of hallways adjacent to the surgical room and the rooms occupied by the patient during the implant period, a CT scanning room, and a visitor lounge, confirmed radiation levels were no greater than background. Preliminary evaluations, indicate the uptakes of the patient's attending physicians, a radiation safety technician, a brachytherapy technologist and one of the three visitors were less than minimum detectable activity (one nanocurie).

2. Clinton

On January 20 and 21, 1994, the Deputy Regional Administrator, the Director, Division of Reactor Projects, and others from Region III visited the site and met with the licensee to present the SALP 12 Report.

Region IV
Items of Interest
Week Ending January 21, 1994

1. South Texas Project (STP) Operational Readiness Assessment Team (ORAT)
Inspection Exit Meeting

The ORAT completed its second week of inspection activities at STP on January 21. This second inspection period began January 12, 1994, and was preceded by an earlier inspection during the week of December 6, 1993. The purpose of the inspection was to perform an independent assessment of the readiness of the plant to restart and return to power operations. The Director, Division of Reactor Inspection and Licensee Performance and members of his staff, in addition to the Regional Administrator and Region IV staff members, attended the exit meeting, which was open to public observation.

Region V
Items of Interest
Week Ending January 21, 1994

1. Earthquake

On January 17, 1994, an earthquake measuring 6.6 on the Richter scale caused wide spread damage in the vicinity of Northridge, CA. Although the quake was felt at the San Onofre Nuclear Generating Station, located 79 miles from epicenter, no damage was detected. Region V contacted materials licensees in the area. The Veterans Administration Medical Center in Sepulveda was evacuated due to severe damage but no radiological problems have been identified. Region V has coordinated with the State of California and is not aware of any radiological problems resulting from the earthquake.

Office of the Executive Director for Operations
Items of Interest
Week Ending January 21, 1994

Proposed Rule to be Signed by EDO

On January 19, 1994, the Executive Director for Operations approved publication of a proposed rule that would amend 10 CFR Part 19 and 20, to delete the term "Controlled area," revised the definitions of "Unrestricted area," and "Occupational dose," clarify for whom radiation protection training is required, and make it clear that when licensees are required to notify the NRC of incidents involving exposure of identified individuals, they must also notify the individuals. These changes will correct minor matters and omissions which have surfaced as licensees prepare to implement the rule. These changes will facilitate implementation of the new rule, but will have no adverse impact on public health and safety, and will impose little new or additional burden on licensees.

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

January 14, 1994

NRR Meeting Notice

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRR Contact</u>
02/01/94 10:00-11:00	50-361 50-362	One White Flint North Room 10-B-11	To discuss Southern California Edison's real-time risk calculator designed to evaluate the impact on the core damage frequency of removing systems and/or components from operation at San Onofre, Units 2 and 3.	NRR/SCECO	M. Fields (301) 504-3062
02/02/94 10:00-12:00	50-155	One White Flint North Room 6-B-13	To discuss Big Rock Point decommissioning issues.	NRR/CPCO	L. Olshan (301) 504-3018
02/03/94 1:00-4:00	50-244	One White Flint North Room 16-B-11	To discuss conversion and adoption of the new revised Standard Technical Specifications for the Ginna Nuclear Power Plant.	NRR/RG&E	A. Johnson (301) 504-1497

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January 21, 1994

NMSS Meeting Notices

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
02/1-2 6:00 a.m.- 5:30 p.m.	N/A	Yucca Mt. Las Vegas, NV TBD	NRC/DOE Erosion	NRC DOE State of Nevada and local governments	C. Abrams (301) 504-3403
2/2 1:00 p.m.	70-27	One White Flint North 11555 Rockville Pike Rockville, MD Room 1F-5	Meeting to discuss renewal of license and combining B&W Navy and B&W LTC licenses	NRC Babcock & Wilcox (B&W) Naval Nuclear Fuel Div.	E. Flack (301) 504-2405
02/3 8:00 a.m.- 5:00 p.m.	N/A	Las Vegas, NV TBD	Exploratory Studies Facility Meeting	NRC DOE State of Nevada and local governments	C. Abrams (301) 504-3403
02/24 9:00-4:00	N/A	One White Flint North 11555 Rockville Pike Rockville, MD Room 1F7-1F9	NRC/DOE Quality Assurance Meeting	NRC DOE State of Nevada and local governments	P. Brooks (301) 504-3465

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January 21, 1994

RES Meeting Notices

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
1/31/94	N/A	Oregon State University Corvalis, OR	Thermal Hyrdraulic Loop Construction	T. King OSU and Purdue participants	T. King
1/31-2/2/94	N/A	NIST Gaithersburg, MD	Workshop to discuss research on performance and modeling of concrete for LLW disposal	States/Compacts DOE Foreign Organizations - CEA (France) - Nagra (Switzerland) National Labs	J.Philip
2/9/94 10:00 - 5:00	N/A	Holiday Inn Crowne Plaza Rockville, MD	Discuss options for addressing certain State concerns about proposed environmental review requirements for License Renewal (10 CFR Part 51)	-NRC Staff -State Staffs -NUMARC -Licensees -Members of the Public	D.Cleary
2/15/94 10:00 - 5:00	N/A	Holiday Inn O'Hare Rosemont, IL	Discuss options for addressing certain State concerns about proposed environmental review requirements for License Renewal (10 CFR Part 51)	-NRC Staff -State Staffs -NUMARC -Licensees -Members of the Public	D.Cleary
2/17/94 10:00 - 5:00	N/A	Holiday Inn Parwick Centre Chicopee, MA	Discuss options for addressing certain State concerns about proposed environmental review requirements for License Renewal (10 CFR Part 51)	-NRC Staff -State Staffs -NUMARC -Licensees -Members of the Public	D.Cleary

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Office of State Programs Meeting Notices

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/Applicant</u>	<u>SP Contact</u>
2/7-3/11/94	NA	Oak Ridge, TN	5-Week Health Physics Course	States	D. Sollenberger
2/7/94	NA	Columbus, OH	Ohio URSB Meeting	State Officials	R. Lickus
2/8-10/94	50-335 50-389	Hutchinson Island, FL	St. Lucie EP Exercise	EP Officials	R. Trojanowski
2/9/94	NA	Rockville, MD	License Renewal Workshop	State Officials	S. Droggitis
2/14-18/94	NA	Austin, TX	Texas Radiation Control Program Review	State	R. Doda
2/15/94	NA	Rosemont, IL	License Renewal Workshop	State Officials	S. Droggitis/R. Lickus
2/17/94	NA	Chicopee, MA	License Renewal Workshop	State Officials	S. Droggitis/M. Miller
2/22-23/94	NA	Rockville, MD	Compatibility Workshop	States & Interested Parties	C. Maupin
2/23-25/94	NA	Augusta, ME	Maine Radiation Control Program Follow-up Review	State	C. Gordon

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ENCLOSURE 1

January 21, 1994

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>
02/01/94 10:00 a.m.	50-272 50-311	Region I	Enforcement Conference on failure to Follow Work Procedures	Selected NRC Staff Members and Licensee	JWhite
02/04/94 1:30 p.m.	50-247	Region I	To discuss Inspection findings documented in Inspection Report 50-247/93-17	Selected NRC Staff Members and Licensee	LNicholson
02/08/94 10:00 a.m.	50-387 50-388	Region I	Management Meeting to discuss Power Uprate	Selected NRC Staff Members and Licensee	JWhite

*Note: This meeting had previously been scheduled for January 27, 1994.

02/10/94 10:00 a.m.	50-443	Region I	Emergency Preparedness Working Meeting	Selected NRC Staff Members and Licensee	JRogge
02/15/94 10:00 a.m.	50-245/ 50-423/ 50-336 & 50-213	Region I	Discuss Training Dept. Changes, Open Training Issues from previous Inspections and Licensed Operator Testing Methods	Selected NRC Staff Members and Licensee	LDoerflein

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Region II Meeting Notice

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
01/26/94 1:00 p.m.	70-1113	RII Office	Open Enforcement Conference - General Electric Nuclear Fuel Plant	DRA, RII Staff and Licensee	Reyes
01/27/94 6:00 p.m.	50-328 50-339 50-280 50-281	Richmond, VA	Presentation of Certificates to newly licensed operators at VEPCO	Dir. of DRS, Operators, and Licensee	Merschhoff
02/01/94 p.m.	50-348 50-349	Columbia, AL	Presentation of Certificates to newly licensed operators at APC - Farley	RA, RII Staff, Operators, and Licensee	Ebnetter

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Region III Meeting Notice

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees Applicant</u>	<u>NRC Contact</u>
2/10/94	50-282	Site	Consumer Power Co. Palisades Site Visit	Regional Administrator Selected Staff	Grant
2/15/94	50-282	Site	Chairman's Visit to Palisades	Regional Administrator	Martin
2/15/94	50-254	Site	Commonwealth Edison Company - Quad Cities SALP	Deputy Regional Administrator Selected Staff	Greenman

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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>
2/3/94 1:00	50-382	Site	Discuss safe shutdown risk & 3/94 refueling outage	Entergy/Waterford-3	Stetka
2/9/94 10:00	50-8681	URFO	Review detection monitoring system, implementation of ground-water protection standards & point of compliance, characterization of tailings impoundment and leak detection system, and subsurface geology as it controls effluent migration.		

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