

For PPR

March 17, 1993

For: The Commissioners
From: James L. Blaha, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING MARCH 12, 1993

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*No input this week.

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WEEKLYINFOREPT PDR

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for Valeria A. Wilson
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Office of Nuclear Reactor Regulation
Items of Interest
Week Ending March 12, 1993

Browns Ferry

Browns Ferry, Unit 2 is in day 41 of a scheduled 119-day outage. The current critical path is fire protection upgrades. Other outage activities that are close to the critical path include control room design upgrades and motor-operated valve testing (i.e., GL 89-10). Ongoing outage activities include preparation for reactor water cleanup system pipe replacement, diesel generator maintenance, installation of the hardened wetwell vent, control rod drive replacement, and installation of a new plant computer.

TVA management and the NRC staff met on March 10 to discuss the recent Browns Ferry reorganization that moved the Nuclear Licensing personnel under the QA/QC manager. The newly combined organization will be called "Browns Ferry Nuclear Assurance & Licensing," which will report to the corporate TVA office. In this meeting, TVA also informed the staff that efforts are being made to pull back the Unit 2 outage duration to 100 days instead of 119. With both Sequoyah units shut down for an indefinite period of time, TVA management at Browns Ferry has been challenged by corporate to return Unit 2 to service as quickly as possible.

Brunswick Units 1 and 2

After reviewing the overall status of activities, the licensee has determined that it will not be ready to restart Unit 2 until April 23 or 26, 1993. The ORAT inspection has, thus, been changed to March 29 through April 9, 1993.

On March 7, 1993, shutdown cooling was lost for approximately 96 minutes on Unit 2 when a maintenance technician removed a fuse in the process of setting a clearance for future work. The clearance was being conducted to isolate the reactor inboard sample valve. However, the wrong fuse was pulled causing the isolation of the residual heat removal inboard isolation valve. No significant heatup of the reactor coolant occurred because of the low decay heat rate from the extended shutdown (1.3°F. in 1.6 hrs).

The licensee has indicated that it will off-load the Unit 1 core on April 15, 1993, and begin its refueling outage. The licensee has determined that it is more advantageous to merge the fall refueling outage into the present outage.

Fire Barrier Test for Comanche Peak Unit 2

The Plant Systems Branch observed a Thermo-Lag 36" cable tray fire endurance test at Omega Point Laboratories in San Antonio, Texas, on March 4, 1993. The barrier did not burn through, the hose stream test did not damage the barrier, and the cables did not appear damaged under visual inspection and meggar testing. The test acceptance criteria included a maximum temperature rise of 250°F above ambient. The following preliminary temperature results were observed:

**Texas Utilities Fire Barrier Testing for Comanche Peak Unit 2
(Conducted March 4, 1993, at Omega Point Laboratories)**

Thermocouple locations	Average Temperatures in °F (Ambient: 68 °F)	Maximum Temperatures in °F (Ambient: 68 °F)
Power cable	241	277
Control cable	210	224
Instrmt cable	217	240
Front tray rail	244	285
Rear tray rail	247	292

Scheme 15-1 - 36" Cable Tray¹

NUMARC Thermo-Lag Testing Delay

NUMARC has notified the Plant Systems Branch that construction of Thermo-Lag fire barriers, originally scheduled for March 22, 1993, will be delayed until at least late April. The delay was caused in part by a need to restructure the program because licensees are backing out of a direct support role following receipt of a subpoena on Thermo-Lag. NUMARC still plans to allow several weeks for NRC review of their test program before starting construction of fire endurance test specimens. Ampacity tests are also planned by NUMARC for later in the test program.

Meeting with BWROG on Stability Solution 1-D

A meeting was held on March 4, 1993, with the BWR Owners Group (BWROG) on the 1-D long term solution (LTS) for BWR instabilities. This LTS is applicable to Duane Arnold (DA), Vermont Yankee (VY), Monticello and Fitzpatrick, which are plants with tight inlet orifices and consequently low probability of regional oscillations. The BWROG presented results of analyses of exclusion region boundaries and the detect and suppress action of the existing flow based average power range monitor scram. They have developed a "fixed" critical power ratio/oscillation-magnitude correlation to be used with the detect and suppress protection analyses. Staff comments indicated some concern with the

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ENCLOSURE A

¹Covered with 1/2" nominal Thermo-Lag panels with longitudinal, vertical, and bottom joints reinforced with stress skin and trowel grade material (no stitching); cure time - 3 days.

use of the correlation for regional oscillations for using extrapolation too far from the data. The staff also wanted further information on the procedures for the (FABLE) calculations used to provide the region exclusion boundaries. The protection analysis results, which were presented for DA and VY (extremes of the group) indicated wide margin to safety limit maximum critical power ratio for core wide oscillations. For regional oscillations: (1) for DA there is large margin to occurrence of oscillation, but protection by scram if they should occur only for oscillation beginning above the 113 percent flow control line (FCL); (2) for VY there is large margin to oscillations only above the 100 percent FCL but there is protection throughout the exclusion region. The protection analysis was based on 95/95 probability/confidence parameters for the core wide oscillations but only 50/50 for regional oscillation because of the low probability of such oscillation. The staff indicated some doubt about the acceptability of the 50/50 approach. The BWROG indicated that the future schedule for I-D milestones would include answers to NRC questions and new results, probably at a meeting by April 15; complete analysis and draft plant specific topical reports by June 15; and complete submittal of all topical reports by August 15, 1993.

Office of Nuclear Material Safety and Safeguards
Items of Interest
Week Ending March 12, 1993

Audit of the Civilian Radioactive Waste Management System Management and Operating Contractor (CRWMS M&O) Las Vegas Office, Support of the Yucca Mountain Site Characterization Project

On March 1-8, 1993, quality assurance (QA) staff of the Division of High-Level Waste Management (HLWM) observed a QA audit of the CRWMS M&O performed by the U.S. Department of Energy, Office of Civilian Radioactive Waste Management (OCRWM), in Las Vegas, Nevada, and at the Nevada Test Site. The audit was also observed by representatives from the State of Nevada; CRWMS M&O Vienna, Virginia office; and OCRWM Office of QA. The audit evaluated the adequacy of the CRWMS M&O Las Vegas office QA program in seven QA programmatic areas to determine whether it meets the requirements and commitments imposed by the OCRWM.

The HLWM observers determined that the audit was effective. A number of deficiencies were identified by the audit team, some of which are related to deficiencies identified in the recent audit of the CRWMS M&O Vienna, Virginia office. The segregation of similar deficiencies into Corrective Action Requests for tracking, root cause analysis, and correction is still being evaluated by the Nuclear Regulatory Commission staff. However, the deficiencies identified do not appear to be significant in terms of the overall CRWMS M&O QA program. The NRC staff agrees with the audit team's preliminary conclusion that, except for the specific deficiencies identified, the CRWMS M&O QA program is being adequately implemented at this time.

Quality Assurance Inspection

On March 1-4, 1993, the Transportation Branch staff conducted a quality assurance inspection at Nuclear Containers, Inc. (NCI), in Elizabethton, Tennessee. The inspection focused on quality assurance in the design and fabrication of Nuclear Regulatory Commission-certified packaging. The inspection team identified a number of nonconformances with regulatory requirements, particularly in the areas of fabrication records, materials traceability, and special process control. In response to the findings, NCI informed the staff that they have voluntarily suspended activities in order to thoroughly investigate root causes of inspection findings. NCI's actions were acknowledged in a confirmatory action letter. Preliminary findings were discussed with company representatives at the exit meeting.

Meeting with Ukrainian State Committee for Nuclear and Radiation Safety

On March 9, 1993, Transportation staff met with the Ukrainian State Committee for Nuclear and Radiation Safety to discuss assistance to the Ukraine in developing a regulatory system for the transportation of radioactive materials. The assistance program is being funded by the Agency for International Development and is expected to begin around October 1, 1993.

Briefing for Senate Staff

On March 10, 1993, representatives of the Offices of Nuclear Material Safety and Safeguards, Nuclear Reactor Regulation and Congressional Affairs, met with Congressional staff members. Topics of discussion included the design basis threat for radiological sabotage and power reactor physical protection requirements based on that design threat. Hearings, relating to the vehicle intrusion at Three Mile Island, are anticipated in the near future.

Nuclear Fuel Services, Inc. (NFS) - Erwin, Tennessee

On March 4, 1993, staff from the Division of Fuel Cycle Safety and Safeguards met with NFS representatives to discuss the license amendment application dated January 26, 1993, regarding the proposed process for downblending high-enriched uranium (HEU) into low-enriched uranium (LEU). The LEU will be used in the fabrication of light-water reactor fuel. The meeting focused on the establishment of limiting conditions for the downblending operation in the license. These include nuclear criticality safety and operating limits, the safe staging of HEU prior to downblending, and environmental qualification of safety-related equipment. The staff also discussed the review schedule for several other amendment applications associated with the proposed downblending operation. During the week of March 15, the staff intends to visit NFS' Erwin facility to review the licensee's draft limiting conditions for downblending.

Short Notice Random Inspection Test

On March 3-5, 1993, as part of a Program of Technical Assistance to Agency Safeguards (POTAS) task, the International Atomic Energy Agency (IAEA) conducted a Short Notice Random Inspection Test at the Westinghouse Electric Corp., Columbia, South Carolina. The IAEA team extracted the UF_6 cylinder receipts and the finished assembly shipments data from the "mailbox" to be verified with the INFCIRC/288 report. The team qualitatively and quantitatively measured randomly selected UF_6 cylinders to verify the Operator's declared inventory values. The team also measured and verified the U_{235} contained in randomly selected assemblies. The IAEA team did not encounter any problems during the test.

Kazakhstani Delegation Visit to the U.S.

On March 10, 1993, representatives of the Nuclear Regulatory Commission and the Department of Energy (DOE) briefed a visiting Kazakhstani delegation on national systems of material control and accounting (MC&A) and physical protection. The Kazakhstani delegation was invited to Washington by Major General Burns to discuss U.S.-Kazakhstan cooperative programs under the auspices of the Safe and Sure Dismantlement (SSD) initiative. During the briefing, the Kazakhstani delegation was encouraged to give special attention to establishing national MC&A and physical protection systems and putting them in place at the earliest possible time. They were told that the U.S. government considers the establishment of national systems for MC&A and physical protection to be a very important mechanism for safeguarding nuclear material and nuclear facilities for the purpose of preventing the spread of nuclear weapons. The U.S. representatives discussed the goals of national MC&A and

physical protection systems and the major components of such systems. Also discussed were the U.S.-proposed cooperative activities and the immediate next steps that the U.S. and Kazakhstan should be pursuing towards a bilateral agreement in the technical area of MC&A and physical protection. The Kazakhstani delegation showed interest in the briefing and stated that they would review the briefing material.

Meeting with Representatives of the Scrap Steel Industry

On March 5, 1993, representatives of the scrap steel industry met with Nuclear Regulatory Commission staff and a representative of both the Pennsylvania Department of Environmental Resources and Conference of Radiation Control Program Directors (CRCPD) to discuss the disposition of Electric Arc Furnace (EAF) dust contaminated with cesium-137 (^{137}Cs). The EAF dust from scrap steel smelting is a hazardous waste because it contains elevated concentrations of cadmium, lead, zinc, and other metals. The dust is produced in melting scrap steel and may inadvertently become contaminated by ^{137}Cs if a sealed source or device containing ^{137}Cs is included in the feed for the melt. Such contamination events happen at several facilities in the U.S. each year and each event generates large volumes of contaminated dust containing up to 10,000 pCi/gm or more of ^{137}Cs during clean-out of baghouses that collect the EAF dust. After remediating the processing facility, the representatives believe that concentrations of ^{137}Cs in the dust rapidly return to background concentrations present in feed material in the melt due to fallout from atmospheric testing of nuclear weapons. The scrap steel industry representatives inquired about regulatory options for allowing recycle of the contaminated dust as a hazardous waste to recover the metals content or disposal of dust that is too contaminated to recycle. The representatives intend to send a letter to NRC requesting a determination on whether NRC would regulate background concentrations of ^{137}Cs in the dust. The representatives are also interested in pursuing facility-specific approaches for obtaining approval from NRC or involved States to treat or dispose of dust contaminated at levels above background. The steel industry also conducted similar meetings with the Environmental Protection Agency (EPA) and Department of Energy. NRC will coordinate the review and respond to the letter, once received, with the Agreement States, EPA, and the CRCPD.

Volume and Activity of Low-Level Radioactive Waste Disposed of at Commercial Low-Level Waste Disposal Sites Increased in 1992

Staff has recently received low-level radioactive waste (LLW) disposal data for 1992 from the Department of Energy's National Low-Level Waste Management Program. The volume of disposed LLW increased from approximately 1.4 million ft^3 in 1991 to approximately 1.7 million ft^3 in 1992. The activity of the LLW increased from approximately 800,000 curies in 1991 to approximately one million curies in 1992. No explanation was provided for the cause of these increases.

Office of Nuclear Regulatory Research
Items of Interest
Week Ending March 12, 1993

Revision 4 to Regulatory Guide 1.28

The proposed revision to Regulatory Guide 1.28, "Quality Assurance Program Requirements -- Design and Construction" would, among other things, update the reference to ASME NQA-1, "Quality Assurance Program Requirements for Nuclear Facilities," from the 1983 Edition with 1983 Addenda to the 1989 Edition with 1991 Addenda, would expand the scope of the regulatory guide to include modifications made at operating plants, decommissioning, and guidance for the procurement and dedication of commercial grade items.

Regulatory Guide 1.28 was noticed for public comment in the Federal Register on December 15, 1992. The public comment period expired on February 8, 1993. A total of 12 comments were received. Work is underway to evaluate and resolve each of the comments.

NUMARC Workshop on Implementation of Part 20

A staff member from the Radiation Protection and Health Effects Branch participated with NRR management and staff in the NUMARC workshop on implementation of Part 20, "Standards for Protection Against Radiation," in Baltimore, MD, on March 10, 1993. The purpose of the workshop was to provide a forum for discussion of issues and licensee concerns related to implementation of the revised rule. The RES representative provided information on several of the regulatory guides issued to provide guidance in implementation of the rule.

Office for Analysis and Evaluation of Operational Data
Items of Interest
Week Ending March 12, 1993

Diagnostic Evaluation and Incident Investigation Branch (DEIIB)

On March 10-12, the South Texas Project (STP) Diagnostic Evaluation Team (DET) held its first team meeting. Presentations were given by NRR, AEOD, and Region IV. The DET continues its preparation work for the STP diagnostic evaluation. The first week of onsite evaluation is to begin on March 29-April 9. The DET will then return to Headquarters for two weeks of in-office evaluation and planning for the third week of onsite evaluation efforts schedule for April 26-30.

Incident Response Branch (IRB)

On March 8, IRB staff presented a training course on Emergency Response at Emmitsburg, Maryland.

On March 11, IRB staff met with members of a Ukrainian delegation for an initial meeting on Ukrainian priorities: 11-Incident Response Center and 12-Incident Reporting System.

During the past week, IRB staff participated in numerous meetings of work groups related to the Federal Response Planning Task Force.

During the past week, IRB staff members participated in a conference on National Radiological Emergency Preparedness in San Diego, California.

Technical Training Center (TTC)

From February 1 to March 12, 1993, the first group of Ukrainian SCNRS assignees associated with Ukrainian Priority 2 (Establishment of Regulatory Training Program) completed a 6-week assignment for technical briefings and training at the TTC. This assignment is the initial phase of the implementation plan for Ukrainian Priority 2 (Establishment of Regulatory Training Program) as negotiated during a meeting in Kiev during November 1993. The Ukrainian delegation consisted of Vladimir Frolov (Head of the Nuclear Power Plant (NPP) Personnel Licensing Inspectorate, SCNRS Inspectorate Organization), Alexander Koretsky (Chief, Technical Inspection Department, SCNRS Inspectorate Organization), Valentina Stovbun (Head of Staff Division, SCNRS Headquarters Organization), Nikolai Koba (Chief Inspector, Khmeinitzky NPP, SCNRS Inspectorate Organization), Valery Lomakin (Chief Nuclear Technology Expert, SCNRS Scientific and Technical Center Organization), and Oleg Guzerchuk (Interpreter, SCNRS Headquarters Organization). The subject matter discussed during training and briefings of the first delegation (and projected for the second delegation) included training and qualification programs for NPP personnel, training and qualification programs of NRC personnel (with emphasis on inspector training), recruitment and development programs for NRC technical staff, methodology of NRC technical training programs, content of major elements of the NRC technical training program, use of training aids in the technical training program, fundamentals of inspection (relevant elements of the Fundamentals of Inspection and Inspecting for

Performance Courses and overviews of the NRC inspection program), and a description of the operator licensing program (10 CFR 55, organization of NRC operator licensing, training and qualification of NRC examiners, preparation and implementation of license exams, and use of examiner standards). All of these briefings were conducted by TTC staff.

The second group of Ukrainian SCNRS assignees associated with Ukrainian Priority 2 is scheduled for a 4-week assignment at the TTC beginning May 24, 1993. This group will include personnel from the SCNRS Inspectorate Organization and the SCNRS Scientific and Technical Center Organization. Briefings and training planned for the second group at the TTC and then to a larger portion of the overall SCNRS staff in September 1993 in Kiev are currently projected to encompass a subset of topics covered with the first group of assignees.

The training and briefings during the first year of Priority 2 (Establishment of Regulatory Training Program) are focused on laying the ground work on which to provide the technical assistance necessary for the SCNRS to establish a regulatory training program that makes sense within the Ukrainian system and constraints. Related activities include the acquisition of hardware and software to put in place the training devices necessary to support SCNRS inspectors (within the Kiev area) and operator license examiners.

During the past week the TTC Technical Assistant attended the Enlarged Halden Group Meeting on Man-Machine Systems Research in Gol, Norway. The TTC Technical Assistant and Kjell Barmsnes made a joint presentation on "The Use of PICASSO in the Development of a Classroom Simulation Application." PICASSO is the Picture Assembling Software tool developed by the OECD Halden Reactor Project. Mr. Barmsnes, an employee of the Halden Reactor Project, is currently assigned to the TTC through a cooperative agreement between NRC and the Halden Reactor Project. He is working directly with the TTC Technical Assistant and TTC Simulator Engineers on several projects involving the use of PICASSO for simulator or high performance computing (workstation-based) applications.

Reactor Operations Analysis Branch (ROAB)

An Accident Sequence Precursor (ASP) program AEOD/ORNL interface meeting was held at ORNL on February 25, 1993, to review the ASP program. ORNL expects to provide the draft 1992 ASP annual NUREG report approximately May 15, 1993. AEOD plans to circulate the draft ASP event analyses to NRR project managers and to the affected utilities. General comments on the ASP analyses will be sought, but more importantly, specific comments will be invited on the correctness of assumptions made in the analyses concerning factual information such as equipment configurations and capabilities at the plants during the events. ORNL is also searching 1982 and 1983 LERs which were not previously reviewed to find, analyze, and document precursor events. Lastly, a three-person group of outside experts is being contracted by ORNL to review and provide oversight of the ASP process, and methods.

Preliminary Notifications

- a. PN1-9314, Philadelphia Electric Company (PECO) (Peach Bottom Atomic Power Station, Unit 2), Media Attention As A Result of Unit 2 Reactor Scram With High Pressure Coolant Injection System Initiation.
- b. PNO-II-93-008, Tennessee Valley Authority (Sequoyah 1, 2), Forced Outage of Unit 2 Greater Than 72-Hours.
- c. PNO-II-93-009, Tennessee Valley Authority (Bellefonte 1, 2), Reactivation of Completed Activities.
- d. PN39308B, Ingham Medical Center, Lansing, Michigan, Iodine-131 Incident (Update).
- e. PN39311, Riverside Methodist Hospital, Columbus, Ohio, Brachytherapy Misadministration.
- f. PN39312, Consumer Power Company (Palisades Nuclear Power Plant), Crane Problem During Dry Run For Spent Fuel Storage Cask.
- g. PN39314, Commonwealth Edison Company (Dresden 3), Turbine Damage Caused By Foreign Objects.
- h. PN39315, Michigan State University, East Lansing, Michigan, Carbon-14 Contamination of Cyclotron Building.
- i. PN39315A, Michigan State University, East Lansing, Michigan, Carbon-14 Contamination of Cyclotron Building (Update).
- j. Public Service Co. of Colorado (Ft. St. Vrain 1), Transportation Accident-Low Waste Shipment.
- k. PNO-IV-93-008A, Public Service Co. of Colorado (Ft. Saint Vrain 1), Transportation Accident-Low Waste Shipment (Update).
- l. PNO-IV-009, Idaho State University, Pocatello, Idaho, Management Control Concerns At Research Reactor.

Office of Administration
Items of Interest
Week Ending March 12, 1993

Surplus Property Sale

Personnel from the General Services Administration and the Division of Contracts and Property Management will conduct a sealed bid public sale of surplus property at the NRC warehouse. Bid closing for the 392 items, mostly telecommunications and ADP equipment, is March 12, 1993.

Repair of OWFN Marble Panels

GSA has budgeted \$2 million to repair the marble panels at OWFN and to recaulk the entire building. The Division of Contracts and Property Management (DCPM) is working with GSA regarding the overall project schedule. GSA expects to have all work completed by the end of November 1993. DCPM will also issue a Purchase Order to facilitate an interim repair of the deteriorated caulk until the permanent repair is completed.

Contract Award

A contract for "Laboratory Testing of NRC Urine Specimens and Quality Control Sample" was awarded to Northwest Toxicology, Inc., on March 9, 1993. This contract provides support to the Division of Security's Drug Testing Program. The laboratory will test and analyze NRC employee/applicant urine specimens in accordance with the Drug Testing Program requirements.

Secure Communications

On March 8, 1993 the Division of Security received approval from the National Security Council for the inclusion of NRC in the WASHFAX network. WASHFAX is a secure fax system used primarily by the Intelligence Community. SEC is coordinating with the Defense Information Systems Agency, Kestrel Associates Incorporated (the contractor) and IRM to finalize the system installation/operation.

Significant FOIA Requests Received by the NRC For 5-Day Period of March 5 - March 11, 1993

Request for a copy of a staff 'position paper' dated January 8, 1993 from Gus Lainas to Ellis Merschoff regarding TVA's quality assurance program for the Watts Bar nuclear power plant. (Dave Airozo, Inside NRC, FOIA-93-131)

Request for records pertaining to the clean up of waste materials at the Atlas Mill located in Moab, Utah. (Scott Groene, Southern Utah Wilderness Alliance, FOIA-93-132)

Request for records relating to a 1990 misadministration at the Tripler Army Medical Center in Honolulu. (Dave Davis, The Plain Dealer, FOIA-93-133)

Request for seven categories of records regarding the petition of Oregon and Washington for rulemaking on the classification of high-level radioactive

waste at defense processing facilities. (Nickolas Facaros, The Seamless Web, FOIA-93-134)

Request for records regarding the use of nuclear material by the U.S. Navy at the former St. Albans, New York Naval Hospital. (Stephen Kraut, Department of Veterans Affairs, FOIA-93-135)

Request for copies of the license applications and amendments for the licensed held by the Michigan Chemical Corporation's facility. (Rita Vassilakis, Environment & Infrastructure, FOIA-93-136)

Request for records regarding the Safety Analysis Report on the Calvert Cliffs nuclear power plant. (Kemp Houck, Atoms & Waste, FOIA-93-138)

Request for three categories of records regarding licensees in the State of North Carolina. (Rocky Rosen, The Herald Sun Newspapers, FOIA-93-139)

Request for information regarding any relationship between radiation exposure and lymphoma and chronic lymphocytic leukemia. (Candace Robertson, FOIA-93-141)

Request for a copy of certain completed NRC mail surveys from 10 CFR Part 31 general licensees in non-Agreement States. (Glenn Carlson, Attorney, FOIA-93-142)

Request for copies of specified records from the University of Michigan. (David Rheingold, The Michigan Daily, FOIA-93-144)

Request for copies of licenses or permits for containment of radioactive materials and waste storage of radioactive materials granted to the City of Detroit, Michigan. (David Rheingold, The Michigan Daily, FOIA-93-145)

Request for information pertaining to the facsimile units located in the NRC. (Paula Domenici, Canon, U.S.A., Inc., FOIA-93-148)

Request for copies of the records provided in response to FOIA-92-602. (Kenneth Manne of Newman & Holtzinger, P.C., FOIA-93-149)

Request for a listing of records from 1983 to the present, provided for the NRC by outside contractors which were never published as final reports with contractor number NUREG/CR-xxxx. (Marvin Resnikoff, Radioactive Waste Management Associates, FOIA-93-150)

Office of Information Resources Management
Items of Interest
Week Ending March 12, 1993

American College of Nuclear Physician's Concerns with the Information Collections Contained in the Clearance Extension, 10 CFR Part 35, Medical Use of Byproduct Material

The request for Office of Management and Budget (OMB) review and approval to extend the clearance for 10 CFR Part 35, "Medical Use of Byproduct Material," submitted to OMB for approval on December 29, 1993, is being closely scrutinized by OMB because of comments submitted by the American College of Nuclear Physicians (ACNP). Consequently, OMB notified IRM of its need for an additional 30 days to complete its review. ACNP's comments focus heavily on the burden estimate, which it believes is too low and should also include the burden incurred by Agreement States to regulate medical use of byproducts. A copy of the ACNP's comments, faxed to IRM by OMB, has been circulated to staff of the Designated Senior Official for Information Resources Management, the Office of the General Counsel and the Office of Nuclear Material Safety and Safeguards with suggestions that staff begin preparing a response to ensure more timely resolution of the concerns.

Forms Automation

The forms automation committee chose "Elite" as the vendor to supply automated forms. The first 25 forms the committee chose have been automated by Elite. Some of these forms include: NRC 530 (Request for Microcomputer or Network System Upgrade and Software), NRC 400 Part 1 and Part 2 (Request for Procurement Action), NRC 466 (Property Pass), SF 52 (Request for Personnel Action), SF 171 (Application for Employment), NRC 89 (Photo Badge Request), and NRC 238 (Request for Telecommunication Services). The second 25 forms are being automated and should be received by the end of this month. The next step is to set up a pilot program to work out any software problems that may occur within the NRC's Local Area Network (LAN) environment before going agencywide with the product.

Office of Personnel

The final backbone equipment is being put in place this week (fileserver, print servers, printers, and a router card) to pave the way for the actual workstation installation at the Office of Personnel in the Woodmont building. This effort starts March 15, 1993, and is scheduled to conclude April 1, 1993. Wiring problems are scheduled to be resolved this week by the Telecommunications Branch.

Office of Personnel
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Interagency Advisory Group Committee on Development and Training Attended

Peter Goldman and Eileen Mason attended the March 10 meeting of the Interagency Advisory Group Committee on Development and Training (IAG/CODAT) sponsored by the Office of Personnel Management. Discussions included designing and implementing skill clinics; workforce literacy testing; a Federal occupational and career information system available to Federal employees; and implementation of two new OPM-proposed rulemakings concerning training needs assessments and executive, management, and supervisory development.

Arrivals

MCQUIGHAN, Karen V.	OFFICE AUTOMATION ASSISTANT (PFT)	NMSS
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Departures

None

Office of Enforcement
Items of Interest
Week Ending March 12, 1993

Significant Enforcement Actions

1. A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$5,000 was issued on March 3, 1993 to Washington Public Power Supply (WNP-2). This action was based on the licensee's failure to ensure that licensed material transported outside the confines of its plant met the DOT regulations in 49 CFR Parts 170 through 189. Specifically, the radiation level at the surface of the package was 260 mR/hr which exceeded the 200 mR/hr limit (EN 93-014)
2. A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$6,875 was issued on March 10, 1993, to Community Hospital South, Indianapolis, Indiana. This action was based on 20 violations that collectively represent a Severity Level III problem in the control of the licensee's radiation safety program. The base civil penalty was increased 175% because the NRC identified all of the violations (+ 50%), the licensee's corrective actions were not comprehensive (+ 25%) and the licensee had prior opportunities to identify and correct many of the violations (+ 100%). (EN 93-015)
3. This is to inform the Commission that a Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$3,800 was issued on March 10, 1993 to Rhoda Cobin, M.D., Midland Park, New Jersey. This action was based on: (1) failure to have on hand a portable radiation measurement survey instrument capable of measuring dose rates over the range 1 mR/hr to 1 R/hr, which is classified as a Severity Level III violation; and (2) failure to repair or replace the dose calibrator when the accuracy and constancy error exceeded 10 percent, and administering therapy doses of iodine-131 to patients even though the dose as determined by the reading on the dose calibrator exceeded the prescribed dose by more than 10 percent, which is classified in the aggregate as a Severity Level II problem. (From all available evidence, including that generated by the Office of Investigations, the NRC staff has concluded that the dose calibrator reading was incorrect and that no misadministrations actually occurred.)

Since the physician has admitted that she was aware of the underlying regulatory requirements, the Severity Level classifications take into consideration the fact that these violations were willful. The physician voluntarily suspended licensed activities between February 1992 and January 1993 in order to correct the program weaknesses and apparent violations, and has agreed, for a period of one year, to have independent audits of NRC licensed activities conducted on a quarterly basis by an qualified consultant who will issue a report directly to the NRC staff. (EN 93-016)

4. This is to inform the Commission that a Confirmatory Order Modifying License (Effective Immediately) was issued on March 9, 1993 to Radiation Oncology Center at Marlton, Marlton, New Jersey. Under the terms of the Order, the licensee may not receive or use any NRC-licensed material pending further action by the NRC. This action is based on an NRC inspection that identified a lack of oversight of the radiation safety program by the radiation safety officer. The RSO, who is also the physician/authorized user, and the staff demonstrated a lack of knowledge of the license conditions and the routine and emergency operating procedures for high dose rate after-loader (HDR) therapy. The licensee appears to be affiliated with Oncology Services Corporation (OSC), the there are similarities between the weaknesses observed at the licensee's facility and the weaknesses observed at OSC's facilities which resulted in the suspension of OSC's licensed activities using HDR's. (EN 93-017)

Civil Penalty Paid

Indiana Michigan Power Company (DC Cook) paid the civil penalty in the amount of \$37,500. The action was based on a violation that resulted from one of the unit's emergency diesel generators being inoperable for a period of time in excess of that allowed by the Technical Specifications. The emergency diesel generator was rendered inoperable by an insufficient amount of lube oil. Licensee personnel had earlier recognized the oil leak that eventually led to the operability problem but for a number of reasons failed to fix the leak or take compensatory actions to offset its effect. (EA 92-252)

Office of Consolidation
Items of Interest
Week Ending March 12, 1993

Second Building Status

During the week, the base-building work reached 90 percent completion with approximately 100 workers on-site. The spreading of top soil on the plaza area continued. A concrete ramp was installed at the connection on the P1 level between the OWFN garage and the TWFN corridor through the auditorium mezzanine. Inside the building drywall finishers, elevator installers, and mechanical, plumbing and electrical contractors were working on upper floors.

On March 8, the prospective bidders on the interior build-out toured the building with the developer's representatives and GSA and NRC representatives.

On March 9, the Director met with GSA representatives to discuss the status of all change orders to the base-building work.

On March 10, at a weekly Progress Meeting, GSA and NRC representatives presented notes and comments on the construction drawings to DBI, the interior design contractor, and LDE, the electrical, plumbing and mechanical contractor. Other topics addressed included HVAC design criteria, strategy for obtaining permits for occupancy, contractual separation of cabling and communications work from tenant build-out contract, revisions to plans for corridor link between OWFN and TWFN at the P1 Level, and accessibility issues in the ASLBP hearing room.

On March 12, Office staff made a design presentation to ACRS Members covering the design concept, furniture and finishes for the ACRS meeting room, and subcommittee room.

Office of State Programs
Items of Interest
Week Ending March 12, 1993

Nuclear Medicine Course

State Programs sponsored a course entitled "The Medical Use of Radionuclides for State Regulatory Personnel" on March 8-12, 1993 in Oak Ridge, Tennessee. The class consisted of nineteen students from State radiation control programs, one from the NRC and one from the Atomic Energy Control Board of Canada. Lloyd Bolling, State Programs, served as the course coordinator.

NREP Conference

The third National Radiological Emergency Preparedness Conference was held on March 9-11, 1993 in San Diego, California. The purpose of the conference was to provide a forum for individuals professionally involved in offsite radiological preparedness in the areas of emergency management and radiological health. Federal, State, local and utility officials participated in the conference. Frank Congel, Director, Division of Radiation Safety and Safeguards, NRR, gave a luncheon speech on March 10. Dean Kunihiro, Region V State Liaison Officer, and Robert Trojanowski, Region II State Liaison Officer, participated in the conference. Mr. Trojanowski participated in a session on the impact of Hurricane Andrew on Turkey Point. Other NRC participants included Richard Cooper, Director, Region I Division of Radiation Safety and Safeguards, on the FFE-3 and Eric Weinstein and John Jolicoeur, Office for Analysis and Evaluation of Operational Data, on the ERDS computer program.

Subcommittee on Water Resources Meeting

Maria Lopez-Otin, Federal Liaison, attended the March 10, 1993 meeting of the Subcommittee on Water Resources (SWR). The SWR members discussed and approved the outline of the upcoming report on water research national strategy. Additionally, there were also two presentations: one on the water research program of the Agriculture Research Service and the other on the Office of Science and Technology Policy (OSTP). This latter presentation is of interest to the NRC because OSTP manages the work of the Federal Coordinating Council on Science, Engineering and Technology (FCCSET), and its Director chairs FCCSET. In this regard, it appears that the OSTP will be given the added responsibility for the space program and will be known as the Office for Science, Space and Technology. Ms. Lopez-Otin will be briefing the appropriate FCCSET principals in the near future.

Office of International Programs
Items of Interest
Week Ending March 12, 1993

Foreign Visitors

Dr. Dan Litai, Head, Licensing Division, Israeli Atomic Energy Commission (IAEC), met with NRC staff representatives on Monday, March 8. He discussed with OIP staff, the steps required for renewal of the NRC-IAEC regulatory information exchange arrangement; with NRR and RES staff, NRC's new seismological siting criteria for nuclear power plants; and, with NMSS and OSP staff, the qualification of inspectors and radiological service personnel. The current five-year term of the NRC-IAEC arrangement ends in June, 1983. The IAEC would like to renew the arrangement during a visit to Washington later in the summer.

Dr. Yoshiyuki Nakashima of the Japanese Nuclear Safety Research Association met with AEOD on March 10 to discuss emergency management, especially post-emergency recovery activities. He also toured the NRC Operations Center.

CONGRESSIONAL HEARING SCHEDULE

No. 11

OCA ASSIGN- MENT	DATE & PLACE	TIME	WITNESS	SUBJECT	COMMITTEE
Keeling	03/18/93 406 DSOB	9:30	NRC	Nuclear Power Plants and Terrorism	Senators Lieberman/Simpson Clean Air & Nuc Regulation Senate Environment & Publ Works
Madden	04/21/93 2362 Rayburn	10:00	NRC	FY94 Appropriations	Reps. Bevill/Myers Energy & Water Development House Appropriations
Combs	04/22/93 342 DSOB	9:30	NRC	Medical Misadmini- strations	Senators Glenn/Roth Senate Governmental Affairs

Office of Congressional Affairs
ITEMS OF INTEREST
Week Ending March 12, 1993

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Region I
Items of Interest
Week Ending March 12, 1993

1. Management Meeting With Envirocare of Utah, Inc.

On Tuesday, March 9, 1993, a representative of Envirocare of Utah, Inc., made a presentation to regional staff concerning the capabilities of this corporation in the radioactive waste burial area. Potential assistance to sites listed on the Site Decommissioning Management Program for final disposal of radioactive and mixed waste was discussed.

2. Susquehanna

Chairman Selin visited the Susquehanna facility on Wednesday, March 10, and met with utility management. A principal topic was the financial status of PP&L and related concerns. The Chairman then toured the facility. Later in the day, Chairman Selin held a press conference. Several articles have appeared in the local press concerning the TMI security event and related NUMARC security initiatives. Following the press conference, the Chairman addressed an ANS conference in Allentown, PA.

Region II
Items of Interest
Week Ending March 12, 1993

1. Carolina Power & Light Company

On March 8, C. Dietz, Vice President, Robinson Nuclear Project, CP&L, was in the Region II Office to discuss switchyard work activities.

2. National Radiological Emergency Preparedness Conference

On March 9 - 12, the Regional State Liaison Officer participated in a "Hurricane Andrew" panel discussion with representatives of the Florida Power and Light Company and officials of the State of Florida at the National Radiological Emergency Preparedness Conference being held in San Diego, California.

3. Tennessee Valley Authority

The Augmented Team Inspection (ATI) exited on March 11, 1993. A press conference was conducted by the ATI Team Leader following the exit. Preliminary findings of the ATI indicate that responsibility for the Erosion/Corrosion program was fragmented between the site and corporate. Ten locations on Unit 1 would require replacement to allow the Unit to operate for one month. The licensee determined that the best approach is to take Unit 1 to cold shutdown. Unit 1 will remain in a forced outage until its refueling outage commences on April 2, 1993. This will allow the licensee to focus its resources on Unit 2. An outage of approximately forty days is predicted for the repairs to be completed on Unit 2 and to return it to service.

4. Quarterly Press Conference - Huntsville, Alabama

On March 12, the Regional Administrator held a news conference in Huntsville, Alabama to discuss current NRC regulatory initiatives and concerns and answered questions reporters had about the facilities regulated by the NRC in Alabama and elsewhere.

5. Babcock & Wilcox Company - NNFD

On March 12, representatives of B&W Naval Nuclear Fuel Division were in the Region II Office to attend an enforcement conference regarding the circumstances surrounding multiple apparent violations in the criticality safety program at the facility (Raschig Rings, NCS controls and criticality safety audit corrective actions). The conference was not open to the public.

Region III
Items of Interest
Week Ending March 12, 1993

1. Dresden Nuclear Power Station

The Dresden Oversight Team (DOT) led by Mr. T. O. Martin, Acting Director, Division of Reactor Safety, made its fifth visit to the Dresden Station on March 9, 1993 thru March 12, 1993. The DOT focused on programs and actions taken by Commonwealth Edison Company to improve plant performance. An open exit meeting with the licensee was conducted March 12, 1993, with Mr. A. Bert Davis, Region III, as the senior NRC representative present.

2. Commissioner Curtiss Visit to Enrichment Facility

On March 10, 1993, Commissioner Curtiss visited the Department of Energy Uranium Enrichment Facility at Portsmouth, Ohio. He was accompanied by the Regional Administrator, RIII; Regional Administrator RV; Director, Fuel Cycle Safety and Safeguards, NMSS; and other staff members.

3. Michigan State University

On March 10, 1993, two Region III radiation specialists were dispatched to Michigan State University in response to a reported contamination incident involving carbon-14. The licensee discovered the contamination on March 9, 1993 during routine surveys within its cyclotron building. Surveys conducted within the building revealed maximum levels up to 4,000,000 disintegrations per minute (dpm) with an average in the range of 10000 dpm to 20000 dpm. Surveys of personnel within the building identified contamination on approximately 12 pairs of shoes and one pair of overalls worn by a janitor. Those garments have been confiscated by the licensee.

Following the initial identification of the contamination it was determined that the source of the contaminant was a 10 millicurie carbon-14 source which had been used in the past as a target for the cyclotron. This source, which apparently was damaged, was handled by a visiting researcher from Lawrence Berkeley Laboratories (a D.O.E. contractor) during a visit to Michigan State University during the later part of February 1993.

The researcher apparently became contaminated while handling the source and as such transferred the contamination to other areas in the building which he had frequented. On March 3, 1993, the researcher left the Michigan area and returned to California. Surveys conducted by Lawrence Berkeley Laboratories health physics staff identified contamination on the individual's personal belongings (i.e. paperwork, shoes, car seat). Levels were reported to be approximately 40000 dpm. Members of Berkeley staff and the State of California also performed surveys of the individual's home and discovered low level contamination on additional personal belongings including a sweater, mittens and travel bags. All

of the individual's contaminated belongings have been taken by Berkeley Laboratories.

The researcher provided an itinerary from his trip to Michigan identifying private residences where he had stayed as well as airline and rental car information. The licensee has contacted the private residences, rental car agency and airline and has initiated radiation surveys. Health Physics staff from the Universities of Michigan and Minnesota are assisting the licensee in the conduct of the radiological surveys. NRC staff will also be performing independent radiological surveys. It is anticipated that the surveys will be finished by March 12, 1993.

A public exit meeting was conducted with the licensee on the afternoon of March 12. A Region III Section Chief was present for that meeting.

4. Fermi Nuclear Plant

On March 8, 1993, the Director, Division of Reactor Projects; Acting Director, Division of Reactor Safety; and members of their staffs, met with the Assistant Vice President and Manager of Nuclear Production, Detroit Edison Company, and members of the Fermi 2 staff to discuss pending reorganization initiatives and plant-related activities.

5. LaSalle Nuclear Power Station

On March 11, 1993, the Director, Division of Reactor Projects visited the site and accompanied the resident inspector on a site tour. Following the tour a management meeting was held with the site vice president and members of his staff. The topics of discussion were equipment reliability, source term reduction, and personnel errors.

Region IV
Items of Interest
Week Ending March 12, 1993

1. Dept. of the Army - William Beaumont Army Medical Center
(Open Enforcement)

An enforcement conference was held on March 9, 1993, at the NRC Region IV office, to review the findings related to a routine unannounced inspection conducted at the licensee's facility on January 28-29, 1993. The conference focused on the licensee's apparent lack of management oversight of the radiation safety program. This enforcement conference was open to public observation in accordance with the Commission's trial program published in the Federal Register.

2. Enforcement Conferences with South Texas Project

On March 8, 1993, Region IV conducted two enforcement conferences with the licensee of the South Texas Project (STP), Houston Lighting and Power (HL&P). The first conference, conducted in the morning, involved violations that identified the failure of the licensee to perform proper self-verification of their licensed activities. The second conference, conducted in the afternoon, involved violations that identified the failure of the licensee to properly enter Technical Specification Limiting Condition for Operation 3.0.3 and to provide accurate information to the NRC.

3. Commissioner Curtiss' Visit with State of Texas Officials and
to South Texas Project

Commissioner Curtiss, accompanied by Region IV's Deputy Regional Administrator and State Liaison Officer, visited with Texas State officials March 11, 1993. Meetings were held with the Chief, Bureau of Radiation Control; Texas Department of Health; Director, Industrial and Hazardous Waste Division; Texas Water Commission; General Manager, Texas Low-Level Radioactive Waste Disposal Authority; and the Governor's Advisor on Low-Level Radioactive Waste.

Commissioner Curtiss and his Technical Assistant, accompanied by the Deputy Regional Administrator, the Regional State Liaison Officer, and the Senior Resident Inspector, were at the South Texas Project Electrical Generating Station March 12, 1993. The Commissioner met with site personnel and toured the site.

Region V
Items of Interest
Week Ending March 12, 1993

1. Region V is administering a Requalification Examination at the Palo Verde Nuclear Generating Station March 8 through March 26, 1993. The examination is scheduled to fully examine forty-five individuals and is the largest NRC requalification examination scheduled to date. Revision seven to the Examiner Standards is being used for this examination.
2. Region V is administering initial license examinations to licensed operator applicants at WNP-2. Six reactor operator and three senior reactor operator candidates are being examined. Revision seven to the Examiner Standards are being used for these examinations.
3. A Resident Inspector's meeting was held in the Region on March 8-10, 1993. Among other topics, Sexual Harassment and Ethics training for the staff was conducted by the Office of Personnel and OGC.

March 12, 1993

NRR Meeting Notice

MARCH 17 1993

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRR Contact</u>
3/23/93 9:00-11:00	50-255	One White Flint North Room 1F-5	To discuss anchor bolt analyses issues at Palisades.	NRC/CPCo	A. Masciantonio
3/23/93 10:00	50-220	One White Flint North Room 12B-11	To discuss differences in methodology used for summing condensation oscillation loads in Nine Mile Point Unit 1 torus shell materials.	NRC/NMPC	D. Brinkman
3/23/93 8:30-5:00 3/24/93 8:30-4:00	669	Sandia National Laboratory Albuquerque, New Mexico Building 823, Room 4255	To discuss outstanding issues from the draft safety evaluation report for EPRI passive plant designs and discuss implementation methods for revised reactor accident source terms.	NRC/SANDIA/EPRI	J. Wilson
3/23-24/93 9:00-4:30	52-003	Westinghouse Science and Technology Center Churchill, PA (3/23) Westinghouse Energy Center Monroeville, PA (3/24)	To discuss details of the AP600 containment testing program, including facility design, test and analysis plans, and testing schedules.	NRC/WESTINGHOUSE	F. Hasselberg
3/23/93 1:00-3:00	50-250 50-251	One White Flint North Room 13B-9	To discuss proposed license amendment relating to facility staff qualification at Turkey Point Units 3 and 4.	NRC/FPL	L. Raghavan
3/24/93 9:00-4:00	50-334 50-412	One White Flint North Room 1F-19	To discuss plans to revise emergency action levels for Beaver Valley Power Station, Units 1 and 2.	NRC/DLC/NUMARC	G. Edison

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NRR Meeting Notice

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MARCH 12, 1993

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/Applicant</u>	<u>NRR Contact</u>
3/25/93 1:00	50-390 50-391	One White Flint North Room 1F-19	To discuss technical issues for Watts Bar, Units 1 and 2, regarding application of ASME Code Case N-480 (addressing pipe wall thinning), and TVA's proposed resolution of accumulator cladding crack problems (described in NRC Inspection Report 50-390/93-02).	NRC/TVA	P. Tam
3/30/93 9:00-11:00	50-255	One White Flint North Room 1F-19	To discuss proposed wind tunnel tests for determining dispersion factors at Palisades Nuclear Power Plant.	NRC/CPCo	A. Masciantonio
4/2/93 8:30	50-390 50-391	One White Flint North Room 2F-17	To discuss the staff's technical concerns about traceability of safety-related materials at Watts Bar, Units 1 and 2.	NRC/TVA	P. Tam
4/6/93 8:30	50-416	One White Flint North Room 4B-13	To discuss Entergy's calculational methodology used to recalculate the design basis LOCA dose analysis at Grand Gulf Nuclear Station.	NRC/EOI	P. O'Connor
4/6/93 10:00	50-335 50-389	One White Flint North Room 1F-5	To discuss current issues at Turkey Point and St. Lucie.	NRC/FP&L	J. Norris

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March 12, 1993

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>
3/17-19	70-364	Crown Plaza Rockville, MD	To discuss technical issues regarding renewal of B&W Parks Township SNM-414 license	NRC Region I Science Application	K. McDaniel
3/22	N/A	OWFN, Rockville, MD	Staff from NRC, the Defense Logistics Agency, MD Department of Environment and Anne Arundel County will meet to discuss the remediation of the property adjacent to the Curtis Bay Depot	NRC DLA MD-DOE Anne Arundel County	J. Austin
3/22-23	N/A	St. Paul, Minn	To inspect Independent Spent Fuel Storage Installation Prairie Island site and discuss Tech Specs	NRC	F. Sturz
3/22-25	N/A	Dallas, TX	To Participate in the Enhanced Participatory Rulemaking workshop on radiological criteria for decommissioning w/RIV	NRC EPA Environmental Organizations Licensees Concerned Private Citizens	M. Weber
3/22-25	N/A	San Diego, CA	To meet w/Southern CA Edison Co. re: the Decommissioning of the San Onofre Unit I site	NRC RV Licensee	L. Bell

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NMSS Meeting Notices (continued)

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
3/31-4/1	N/A	Yucca Mt. Site Facility, Nevada	On-Going Activities at Yucca Mt. and Exploratory Studies Facility (ESF) Activities Discussion	NRC DOE State of Nevada and local governments	C. Abrams
4/12-14	N/A	King of Prussia, PA	To Participate in the Enhanced Participatory Rulemaking workshop on radiological criteria for decommissioning w/RI & Visit the Watertown Arsenal SHDP Site	NRC EPA Environmental Organizations Licensees Concerned Private Citizens	M. Weber
4/28-30	N/A	Atlanta, GA	To Participate in the Enhanced Participatory Rulemaking workshop on radiological criteria for decommissioning w/RIII	NRC EPA Environmental Organizations Licensees Concerned Private Citizens	M. Weber
5/31-6/5	N/A	St. Louis, MO	To attend the Third Int'l Conference on Case Histories in Geotechnical Engineering	NRC Other Federal Agencies Industry Public	D. Rom

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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>
3/17-19/93	N/A	Grenoble/ Cadache, France	CEA/NRC Cooperative Agreement, PHEBUS Board Meeting	NRC, CEA, CEC, NUPEC, AECL	F.Eltawila
3/23-24/93	N/A	Dallas, TX	Enhanced Participatory Workshop on Radiological Criteria for Decommissioning	NRC, EPA States, Local Governments, Citizen Groups, Industry	D.Cool F.Cameron,
3/5-7/93	N/A	Paris, France	Proposed OECD Consortium on Russia RASPLAV facility	OECD Membe	B.Sheron
4/19-23/93	N/A	Vienna, Austria	Safety Principles for the Design of Future Nuclear Power Plants	NRC/USA IAEA/Austria	T. King

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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>NRC Contact</u>
3/22-26/93	NA	Denver, CO	Colorado Radiation Control Program Review	State	R. Doda
3/22-4/2/93	NA	Salem, OR	Oregon Radiation Control Program Review	State	J. Hornor
3/31/93	NA	Philadelphia, PA	FEMA Exercise Scheduling Meeting	FEMA	R. Trojanowski
4/5-9/93	NA	Denver, CO	Colorado Radiation Control Program Uranium Mill Review	State	R. Doda
4/15/93	NA	Jackson Hole, WY	Northwest LLW Compact	LLW Officials	D. Kunihiro
4/19-23/93	NA	Murfreesboro, TN	Inspection Procedures Course	States	J. Myers
4/22-23/93	NA	Los Angeles, CA	CAL RAD Forum	LLW Generators	D. Kunihiro

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March 12, 1993

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>
03/22/93 1:00 p.m.	50-333	Oswego, NY	NYPA presentation of the FitzPatrick Self Assess- ment Programs	Selected NRC Staff Members and Licensee	Eselgroth
03/24/93 10:00 a.m.	030 08702	Region I Mercy Catholic Medical Ctr.	Enforcement Conference to discuss numerous violations identified during Inspection conducted February 23-24, 1993	Selected NRC Staff Members and Licensee	Dwyer
04/08/93 2:00 p.m.	50-271	Region I	Meeting to discuss Manage- ment Changes Vermont Yankee Nuclear	Selected NRC Staff Members and Licensee	Kelly

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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>
3/23-3/25	-- --	RIII	Resident Inspector Seminar	Regional Administrator Selected Staff	Greenman
3/26/93	-- --		Pre-Brief for NRR Screening Meeting (SMM)	Regional Administrator	Davis
3/31/93-4/1/93	50-186	Columbia, MO	Visit to University of Missouri	Commissioner Rogers Deputy Regional Administrator Selected Staff	Miller
4/6/93	-- --	Detroit, MI	International Exercise	Deputy Regional Administrator Selected Staff	Miller
4/7/93	50-255	Site	Consumers Power Company Big Rock Point - Site visit, tour and routine management meeting.	Regional Administrator Selected Staff	Greenman
4/8/93	-- --	Springfield, IL	Visit to Illinois Department of Nuclear Safety	Commissioner Curtiss John B. Martin, Regional Administrator, RV	Lickus
4/9/93	-- --		Visit to Dresden	Commissioner Curtiss Deputy Regional Administrator Selected Staff	Miller

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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>
3/25/93 11:00	50-498;499	RIV	Enforcement Conference	HL&P	T.Stetka
4/8/93 9:00	50-285	Blair, NE	SALP meeting on site.	Omaha Public Pwr District	P. Harrell

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Region V Meeting Notices

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees Applicant</u>	<u>NRC Contact</u>
3/30-31/93	N/A	Concord Hilton	DRP Counterpart Meeting	DRP Division Directors	K. Perkins

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