

For ADR

November 29, 1989

For: The Commissioners
From: James L. Blaha, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING NOVEMBER 24, 1989

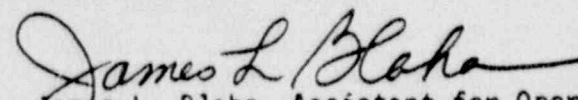
A summary of key events is included as a convenience to those Commissioners who may prefer a condensed version of this report.

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*No input this week.

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HIGHLIGHTS OF WEEKLY INFORMATION REPORT

WEEK ENDING NOVEMBER 24, 1989

Fermi--Settlement Agreements

In a letter dated November 9, 1989, Detroit Edison Company (DECo) identified a settlement agreement that, while DECo still concludes that the intent was never to restrict employee access to the NRC, they believe that language in this settlement agreement could be construed to be restrictive. DECo had originally completed their review of settlement agreements and responded to the NRC on July 21, 1989, indicating that no restrictive agreements had been identified. The recent Department of Labor decision to strike language from the Polizzi settlement agreement, however, prompted DECo to initiate a rereview of all their agreements and this review identified this one agreement as potentially restrictive.

As in the case of the other potentially restrictive settlement agreements, the staff intends to follow the same process and write the affected party to ascertain whether the language in the settlement agreement restricted the communication of potential safety issues to the NRC. Senator Breaux has a copy of this settlement agreement.

Division of High-Level Waste Management Quality Assurance Observation Audit

The Division of High-Level Waste Management (HLWM) staff observed a U.S. Department of Energy (DOE) audit of the Los Alamos National Laboratory (LANL) from November 13-19, 1989 to gain confidence that DOE and LANL are properly implementing the requirements of their QA programs. LANL is responsible for nuclide migration, geochemistry, mineralogy, and petrology studies on the Yucca Mountain Project. The HLWM staff found that the programmatic portion of the DOE audit that covered quality assurance (QA) program was effective. With respect to the LANL QA program, the DOE audit team identified four main areas of deficiency: (1) the QA training program; (2) audits and surveillances (including the corrective action program); (3) technical reviews; and (4) procedures (insufficient guidance, completeness and adequacy). The staff will issue a report detailing its findings within the next 30 days.

Favorable LLW Disposal Site Areas Presented to the North Carolina LLW Management Authority

Chem-Nuclear Systems, Inc., recently presented four "favorable site areas" for low-level waste disposal in North Carolina to the State's Low-Level Radioactive Waste Management Authority. The site areas have been selected for further study by Chem-Nuclear, which is the contractor to the Authority for site selection and the design, construction, and operation of the facility, which by state law must be operational by 1993. The candidate areas, which will undergo on-site pre-characterization studies within the next three months, are in Richmond County, Rowan County, Union County, and an area straddling the Wake County/Chatham County lines near the Shearon Harris Nuclear Power Station.

Meeting with Pennsylvania on Status of Limited Agreement

Representatives from OGC, NMSS, Region I and SLITP met with Thomas Gerusky, Director of the Pennsylvania Bureau of Radiation Protection, and members of his staff on November 20, 1989 at NRC Headquarters. They discussed the status of Pennsylvania's application for a limited agreement with the NRC for the regulation of LLW. Pennsylvania anticipates submitting a draft application for NRC staff review in early 1990.

Office of Nuclear Reactor Regulation
Items of Interest
Week Ending November 24, 1989

Ferri--Settlement Agreements

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Watts Bar Nuclear Plant, Unit 1

A meeting was held on November 17, 1989 in Rockville, Maryland between the NRC staff and TVA to discuss the cable damage issue at the Watts Bar Nuclear Plant. TVA stated that extensive root cause determination studies confirmed that the cable damage is due to cable pullbys in conduits. As part of the corrective action, TVA plans to assess approximately 7600 conduits, to establish 'threshold' pull tensions. Using conservative assumptions, TVA will develop sidewall bearing pressures during pullby's for different conduit size and lengths.

This information will be used for tracking cables into low, moderate, and high risk categories for cable replacement. At the end of the meeting the NRC staff stated that it needs to review the complete documented information which forms the basis of this program. Upon receiving the information, the staff will complete its review and issue a safety evaluation.

Piping and Support Issues at Palisades

A meeting was held between the staff and the licensee for a follow-up discussion of the resolution of Palisades' piping and support issues. In response to the discrepancies identified during the NRC audit, the licensee presented the basis for the plant restart as well as programmatic actions to be taken post restart. At the end of the meeting, the staff provided the licensee with the following restart criteria:

- (1) Provide problem definition and outline of the program plan with acceptable schedules for resolution.

- (2) Complete reevaluation and modifications, if necessary, of approximately 500 supports for the short term part of the plan and approximately 1700 supports for long term part. Also include pertinent portions of piping stress evaluations.
- (3) Provide Bechtel's program plan, including procedure and schedule.
- (4) Address the status and QC records of 4,580 anchor bolts which were included in the IEB 79-02 program.
- (5) Provide deposition of the staff's comments generated during the previous audit.

In addition, the staff also provided, in a follow-up telephone conference, its comments on the operability criteria provided by the licensee during the meeting. Currently, the staff is awaiting a licensee submittal which will include the program plan as well as a revised operability criteria.

Technical Specifications Branch

On Monday, November 20, 1989, the Technical Specifications Branch held a public meeting to discuss the definition of operability, support system operability, and allowed outage times as related to existing technical specifications, as well as the Technical Specifications Improvement Program. A typical electrical power system was used to illustrate the subjects. Thirty-five members of the public and nuclear industry attended the meeting. The meeting was well received by all the attendees.

NTOL AND RESTART SCHEDULE
11/24/89

I. Schedule for NTOL plants:

<u>PLANT</u>	<u>LOW POWER AUTHORZTN</u>	<u>INITIAL CRITI- CALITY</u>	<u>COMMISSION BRIEFING</u>	<u>FULL POWER AUTHORZTN</u>
COMANCHE PEAK 1	1/90E	1/90E	2/90E	3/90E
SEABROOK	5/26/89C	6/13/89C	1/90E	1/90E

II. Schedule for RESTART plants:

<u>PLANT</u>	<u>SHUTDOWN</u>	<u>COMMISSION STATUS BRIEFING</u>	<u>NRC RESTART DECISION</u>	<u>PLANT RESTART</u>
BROWNS FERRY 2	9/15/84C	4/90E	5/90E	5/90E
NINE MILE POINT 1	12/19/87C	1/90E	1/90E	1/90E

Office of Nuclear Material Safety and Safeguards
Items of Interest
Week Ending November 24, 1989

SAFEGUARDS

Domestic

UF₆ Overpack Conference

During November 14-15, 1989, a representative of the Domestic Safeguards and Regional Oversight Branch, Division of Safeguards and Transportation, attended and participated in a panel at the 21-PF-1 Overpack Conference, sponsored by the Department of Energy (DOE) and Martin Marietta Energy Systems at the Portsmouth Gaseous Diffusion Plant in Piketon, Ohio. The purpose of the conference was to discuss problems and develop solutions relating to the use and maintenance of the Department of Transportation's (DOT) Spec 21-PF-1 overpacks which are used worldwide for the shipment of 30 inch cylinders of enriched uranium hexafluoride, including shipments from the two DOE enrichment plants in Portsmouth, Ohio and Paducah, Kentucky. Although many of the overpacks are used under the authorization of DOT regulations as a DOT specification package, many are used under the authorization of three NRC certificates-of-compliance.

Transportation

Meeting - RCC Package

On November 16, 1989, the Transportation Branch staff met with representatives from Westinghouse Electric Corporation to discuss changing the authorized contents of the RCC package. The RCC package is used to transport fresh fuel from fuel fabrication facilities to reactors. The Westinghouse Corporation has requested approval to ship fresh fuel assemblies with increased U-235 enrichment.

HIGH-LEVEL WASTE MANAGEMENT

Division of High-Level Waste Management Quality Assurance Observation Audit

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LOW-LEVEL WASTE MANAGEMENT

State of Washington's Intent to Submit a Petition for Rulemaking

The State of Washington expressed their intent to submit a petition for rule-making in a November 17, 1989 letter to Chairman Carr. The petition would address NRC's approach to classifying high-level and "incidental" wastes. The State indicated that they expect to submit their petition by January 1, 1990. The State also indicated that this action is a result of the classification of high-level wastes as it relates to DOE's double-shell tank wastes at Hanford.

Texas LLW Authority Designates Preferred Disposal Site

The Board of Directors of the Texas Low-Level Radioactive Waste Disposal Authority designated a site near Fort Hancock in Hudspeth County as the preferred site for a disposal facility on November 16. By state law, the Authority must issue a report showing the basis for its decision and hold a public hearing in the county. The hearing is scheduled for March, to be followed by a final Board order in May 1990. Although the Board anticipates its decision to be challenged by El Paso County officials, it continues to expect to have a site operating by January 1993.

Favorable LLW Disposal Site Areas Presented to the North Carolina LLW Management Authority

Chem-Nuclear Systems, Inc., recently presented four "favorable site areas" for low-level waste disposal in North Carolina to the State's Low-Level Radioactive Waste Management Authority. The site areas have been selected for further study by Chem-Nuclear, which is the contractor to the Authority for site selection and the design, construction, and operation of the facility, which by state law must be operational by 1993. The candidate areas, which will undergo on-site pre-characterization studies within the next three months, are in Richmond County, Rowan County, Union County, and an area straddling the Wake County/Chatham County lines near the Shearon Harris Nuclear Power Station.

Office of Nuclear Regulatory Research
Items of Interest
Week Ending November 24, 1989

Containment Performance and Protection from Radiation

HPME/DCH Research Program

The NRC has been supporting an extensive research program on high pressure melt ejection (HPME) and direct containment heating (DCH) over the past several years. This research has greatly increased our basic knowledge of the HPME and DCH phenomena. However, at this time, in conjunction with implementing the revised Severe Accident Research Program (SARP) plan, we are reviewing our research in this area with respect to our ability to resolve this issue. As a part of this reevaluation on where future research efforts on severe accident issues relevant to high pressure scenarios should be focused, we are conducting a workshop to be held at the Marriott Hotel in Annapolis, Maryland on December 18 and 19, 1989, to solicit technical assessments and views from researchers and industry representatives.

Office for Analysis and Evaluation of Operational Data
Items of Interest
Week Ending November 24, 1989

Division of Operational Assessment (DOA)

On November 17, the NRC Palo Verde Diagnostic Evaluation Team Leaders met with Arizona Public Service Company's Executive Vice President, William F. Conway, at the Palo Verde site. This meeting marked the end of the team's first trip to the Phoenix area. During the 2-week site visit the team members attended working-level meetings, witnessed work in progress, and reviewed various documents. In addition, team members conducted interviews at the Palo Verde site, Corporate Headquarters in Phoenix, and the Nuclear engineering Department's offices off-site in Deer Valley.

Currently, the team is evaluating information obtained during the first trip and preparing for its second trip to the Phoenix area scheduled to begin December 3.

On November 17, the Incident Response Branch's Project Manager for the Emergency Response Data System (ERDS) and EI International Inc.'s Project Manager met with NUMARC to discuss generic ERDS implementation issues such as the current implementation schedule, system configuration control, and State interface activities. The meeting provided NUMARC with a better understanding of NRC's ERDS program.

On November 21, the AEOD Director, DOA Director, and IRB staff members attended a meeting of the Federal Radiological Preparedness Coordinating Committee (FRPCC). A working session of all the major radiological response agencies was scheduled at NRC to develop a draft revision to the Federal Radiological Emergency Response Plan (FRERP) to reflect lessons learned in the past few years. The Environmental Protection Agency (EPA) indicated that they plan to publish a revised Protective Action Guide Manual that will include the previous guidance on plume pathway and ingestion pathway actions and the latest recovery/reentry guidance. This is the course of action suggested by the NRC some months ago. The status of the planning for the next Full Federal Exercise (FFE-3) scheduled for 1992 was reviewed. Other items discussed included the Federal Response to GALILEO, Hurricane Hugo, and the Loma Prieta earthquake, and the Health Effects Advisory Group. The next meeting of FRPCC is scheduled for January 17, 1990.

Preliminary Notification

The following Preliminary Notifications were issued during the past week.

- a. PNO-I-89-91, Mallinckrodt, Inc., Diagnostic Imaging Services, Docket No. 030-20537, Vehicular Accident Involving Radiopharmaceuticals.
- b. PNO-I-89-92, Syncor, Inc., Docket No. 030-30648, Theft And Accident Of Vehicle Involving Radiopharmaceuticals.
- c. PNO-II-89-77, Alabama Power Company, Farley 1 and 1, Docket Nos. 50-348 and 50-364, Storm Damage And PCB Spill In Electrical Switchyard.

- d. PNO-III-89-74, Wisconsin Electric Power Company, Point Beach Units 1 & 2, Hand Exposure From Fuel Fragment.
- e. PNO-III-89-75, Commonwealth Edison Co., Byron Unit 2, Docket No. 50-455, Termination Of Reactor Startup.
- f. PNI-III-89-76, Consumers Power Company, Palisades, Docket No. 50-255, AIT Investigating Valve Malfunctions.
- g. PNO-IV-89-64, Louisiana Power & Light Company, Waterford 3, Docket No. 50-382, Fire At Secondary Side Connections Of Unit Auxiliary Transformer.
- h. PNO-V-89-66, Desert Good Samaritan Hospital, Agreement State Licensee, Agreement State Medical Diagnostic Misadministration.
- i. PNO-V-89-67, Arizona Nuclear Power Project, Palo Verde Unit 1, Docket No. 50-528, Stuck Fuel Assembly While Refueling.
- j. SLITP-89-01, Bayou Steel Company, Non-Licensee, Steel Furnace Melts Cesium Source.

Office of Governmental and Public Affairs
Items of Interest
Week Ending November 24, 1989

State, Local and Indian Tribe Programs

Texas LLW Authority Designates Fort Hancock as Preferred Site

The Board of Directors of the Texas Low-Level Radioactive Waste Disposal Authority designated Fort Hancock in Hudspeth County as the preferred site for a LLW disposal site. The unanimous vote sets into motion a series of hearings and further analyses that will culminate in a final Board order in May of 1990. The Authority expects to have the site operating by January, 1993.

Cal Rad Forum 7th Annual LLW Conference

On November 19-20, Dean Kunihiro, Region V State Liaison Officer, attended the California Radioactive Materials Forum 7th Annual Conference, "Low-Level Waste Disposal Progress and Problems" Tempe, Arizona. This year's conference focused on progress in the California LLW program and the remaining problems, including management and disposal of mixed waste. An application for a LLW disposal facility license is being reviewed by the California regulatory authorities. Commissioner Curtiss was a featured speaker on "NRC/EPA Relations in the Regulation of Matters Nuclear." Richard Bangart, Director of LLW Management and Decommissioning, NMSS, gave a report on current NRC issues in LLW management and disposal and participated in a panel discussion on "Prospects for a Federal Solution to the Problems of Dual Regulation of Commercial Mixed LLW by Administrative or Congressional Action."

Meeting with Pennsylvania on Status of Limited Agreement

Representatives from OGC, NMSS, Region I and SLITP met with Thomas Gerusky, Director of the Pennsylvania Bureau of Radiation Protection, and members of his staff on November 20, 1989 at NRC Headquarters. They discussed the status of Pennsylvania's application for a limited agreement with the NRC for the regulation of LLW. Pennsylvania anticipates submitting a draft application for NRC staff review in early 1990.

International Programs

Annual U.S. Support Program Review Meeting

From November 6-10, C. Breskovic participated in the annual U.S. support program review meeting at the IAEA in Vienna, Austria. At the time of the meeting program funding for 1990 was estimated to be \$6.5 million, a decrease of \$200 K from the previous year. This amount would be barely sufficient to fund current tasks and not allow for new tasks, of which 25 were presented. Funding decisions by the U.S. for the year 1990 will be made in February 1990 when the Technical Support Program Coordinating Committee (TSCC) meets at the Department of State.

During the week of November 13 Mr. Breskovic held informal discussions with various staff members of the IAEA safeguards division. In particular, he discussed the use of zero-knowledge proof techniques in IAEA safeguards verifications at large bulk handling facilities. The head of a section responsible for bulk handling plants in Japan expressed great interest in the concept and will propose a feasibility study to be conducted under the U.S. support program.

Office of Administration
Items of Interest
Week Ending November 24, 1989

Significant FOIA Requests Received by the NRC for 4-Day Period
November 17 - 22, 1989

Request for records regarding a March 17, 1987 memorandum to Bob Martin from Dick Bangart regarding the Atlas Corporation. (John Darke, FOIA-89-498)

Request for records related to documenting the number of hours NRC staff spent on inspections of the Seabrook nuclear power plant. (Robin Read, Employees Legal Project, FOIA-89-500)

Request for records between the Office of the Governor of New Hampshire and the NRC concerning the Seabrook nuclear power plant between January 1983 and January 1989. (Robin Read, Employees Legal Project, FOIA-89-501)

Request for records related to groundwater chemistry and tracking program of New Hampshire Yankee for the Seabrook nuclear power plant. (Robin Read, Employees Legal Project, FOIA-89-502)

Request for (1) list of material licensees inspected by Region III between January 1, 1989 and September 1989; (2) list of medical licensees inspected by RIII between January 1, 1989 and September 1989; and (3) inspection reports, field notes, and quality assessments of material and medical licensees inspected between January 1, 1989 and September 1989. (Barry Smith of Ross and Smith, FOIA-89-504)

Request for records from September 15, 1986 through December 31, 1988 regarding Pro Techniques II, Pro Technics International or Spectra Tek Services. (Delbert Hicks, R/A Services, Inc., FOIA-89-505)

Request for information regarding an application by Mr. Stephen Beck, Lake County Carbon or American NuKem to incinerate waste. (Patti Avise, PAHLS, FOIA-89-506)

Request for records regarding a September 25, 1989 radiation exposure incident at TMI. (David DeKok, The Patriot, FOIA-89-507)

Office of Information Resources Management
Items of Interest
Week Ending November 24, 1989

1. Microform Subscriptions

A survey of user requirements for Information Handling Services microforms was conducted and resulted in the discontinuation of two subscriptions, one of which was the File Center's copy of the FSAR, at an annual savings of \$22,394. The total cost for microform subscriptions for FY 1990 is \$171,114.

2. Agency Upgrade of Technology for Office Systems (AUTOS)

A pre-proposal conference for AUTOS was conducted on November 20, 1989. The Source Evaluation Panel answered vendors' questions when possible and deferred others. The transcript and a written response to questions will be sent to vendors by the Division of Contracts and Property Management.

Office of the Controller
Items of Interest
Week Ending November 24, 1989

The Congress passed the Deficit-Reduction Bill on November 21. It is our understanding that the Bill will (1) reduce the FY 1990 Gramm-Rudman-Hollings Sequester from 5.3 percent to 1.7 percent (for NRC from \$23.6 million to about \$7.6 million); and (2) increase total NRC user fees from 33 percent to 45 percent in FY 1990. It is also our understanding that the President will sign the Bill.

Office of Personnel
Items of Interest
Week Ending November 24, 1989

Arrivals

Sharon Little, Secretary (PFT), NRR
Eric Reber, Health Physicist (PFT), PI
Sheryl Villar, Chief, WPS (PFT), RI
William Slover, Reactor Engineer (PFT), RIII
Laban Coblentz, Radiation Specialist (PFT), RV

Retirements

Glen Madsen, Reactor Inspector (PFT), RIV
Robert Everett, Section Chief (PFT), RIV

Office of Small and Disadvantaged Business Utilization and Civil Rights
Items of Interest
Week Ending November 24, 1989

OSDBU/CR Represented During Student Visit

On November 22, 1989, a representative from the Office of Small and Disadvantaged Business Utilization and Civil Rights served as a resource person during a visit of students from Gaithersburg Intermediate School. The theme for the roundtable discussions was "Role Models for the 21st Century," and resource persons functioned as mentors for the group. Among other topics, mentors discussed the mission and functions of the NRC, the importance of good education, and prerequisites for succeeding in the work place.

Office of Enforcement
Items of Interest
Week Ending November 24, 1989

Civil Penalty Paid

Public Service Company of New Hampshire (Seabrook) paid the civil penalty in the amount of \$50,000. The action was based on the failure to promptly trip the reactor when a reactor trip criterion set forth in a test procedure was exceeded during a startup test. (EA 89-158)

Region I
Items of Interest
Week Ending November 24, 1989

1. Response to Materials Transportation Events

On November 16, 1989, Region I was advised of a vehicular accident involving a nuclear pharmacy delivery van in Chester, Pennsylvania. The vehicle was carrying over 400 millicuries of radio-pharmaceuticals. The injured driver was transported to a nearby hospital. Local and state responders and the licensee, Mallinckrodt, surveyed the scene for radiation; no levels above background were found. Region I personnel responded and performed confirmatory surveys of the driver, his personal belongings and areas of the hospital where he was taken. No radiation levels in excess of background were identified. A confirmatory survey by Region I personnel of the delivery vehicle also found no radiation levels above background. All of the radioactive material was recovered and returned to Mallinckrodt.

A second incident involved the theft and subsequent accident involving a vehicle carrying expended radiopharmaceuticals in Stamford, Connecticut. The theft took place some time prior to 4:30 a.m. on November 19, 1989; the stolen vehicle was involved in an accident prior to 3:00 p.m. that same day. The driver fled the scene after the accident. Fire department personnel responding to the accident found packages bearing radioactive materials labels and called the owner, Syncor, Inc. The Region I Duty Officer, who was also the cognizant Section Chief, provided technical assistance to the Stamford response units. The licensee and the State of Connecticut dispatched personnel who surveyed the vehicles and packages and found no radiation levels in excess of background. All of the packages were accounted for and returned to Syncor.

Region II
Items of Interest
Week Ending November 24, 1989

1. Georgia Power Company

On November 21, the Hatch SALP Board convened with NRR in attendance.
On November 22, the Vogtle SALP Board convened with NRR in attendance.

2. Visit from EG&G

On November 21, representatives from EG&G/INEL were in the Region II Office to interview various personnel to determine Regional PRA needs.

Region III
Items of Interest
Week Ending November 24, 1989

1. Callaway County Nuclear Plant

The Regional Administrator; the Director, Division of Reactor Projects; the Deputy Director, Division of Reactor Safety; and members of Region III staff met with Union Electric Company on November 16, 1989, for a routine periodic management meeting. During the meeting, the licensee presented an overview of recent operational events, a proposed licensee initiated SSOMI, recent INPO evaluation results, and goals and objectives for 1990.

2. Point Beach Nuclear Plant

On November 20, 1989, the Director, Division of Reactor Projects, the Director, Division of Reactor Safety, members of the Region III staff, and representatives from NRR (by telecon) met with Wisconsin Electric Company in the Region III Office to discuss the enforcement discretion granted on November 7, 1989, concerning the station batteries and other plant items of interest. The enforcement discretion allowed Unit 1 to continue operating with two station batteries technically inoperable. Region III issued the enforcement discretion memos on November 20, 1989.

Unit 2 will conclude its 15th refueling outage this week.

3. Zion

On November 22, 1989, the Zion "0" Diesel Generator, emergency power for the 2A Service Water pump, was declared inoperable after failing a surveillance test. The 2B service water pump was already inoperable for maintenance. As a result, the licensee requested discretionary enforcement for the relief of Unit 2 Technical Specification (TS) 3.8.7.c, Service Water System, which requires the unit to be placed in Hot Shutdown within 4 hours if two trains of the ESW system can not be made operable. Relief was granted by the Regional Administrator, to allow four hours for the licensee to perform a surveillance test on the 2B service water pump to return it to operability.

4. Byron Nuclear Power Station

On November 21, 1989 the licensee aborted startup from an eight day unscheduled maintenance outage when they identified an unexpected deviation in the Estimated Criticality Point (ECP). A second restart resulted in the reactor reaching criticality before the Estimated Critical Configuration (ECC) rod height. ECC was calculated at 150 steps on bank "D" and criticality was achieved at 60 steps on bank "D". Resident Inspectors reviewed the licensee's evaluation of the deviation, witnessed the startup and observed that additional supervision and administrative controls were implemented in the approach to criticality.

5. Byron Nuclear Power Station

On November 17, 1989, the licensee identified a problem with the main feedwater check valve. The main feedwater check valve serves as a backup to feedwater isolation and is not part of containment isolation. A check of one of the feedwater check valves revealed that the valve was stuck in the open position. It was determined that the root cause of this problem was applicable to all the feedwater check valves. Upon investigation, it was discovered that several of Byron's feedwater check valves were slightly open. It was determined that this slightly open condition is normal for this valve with no dp applied.

The mechanism causing the sticking of the valve in the full open position has been identified as due to differential expansion coupled with unfavorable machining tolerances of a guide bushing. The valve was dismantled and favorable clearances established. All four valves on the unit are considered operable. At the next opportunity, the remaining three valves will be dismantled and clearances adjusted to the optimum conditions. The other units affected will be treated in a similar manner. The licensee conducted an engineering review and reported their evaluation to both Braidwood and Byron plant management. The conclusion of the engineering review was that binding could develop between an internal bronze bushing and the valve piston, due to different coefficients of expansion with temperature changes. Currently plans are underway to address this problem in a similar manner at both Braidwood and Byron.

6. D. C. Cook

On Tuesday November 21, 1989 the licensee discovered they had both trains of ECCS equipment in a degraded and potentially inoperable condition. This condition lasted for 5 minutes. The resident and Region III are following the licensee corrective action.

7. Palisades Nuclear Generating Plant

On November 21, 1989 at 02:27 a.m. EST while in hot standby and conducting a primary coolant system hydrostatic test, a pressurizer Power Operated Relief Valve (PORV) opened spuriously resulting in a reactor trip and a Safety Injection on low pressure. Several complications occurred with the PORV and with its block valve. The Senior Resident Inspector responded to the site. Regional Management and NRR were promptly involved in evaluation of the event. Based on this evaluation and discussions with the licensee, an Augmented Inspection Team (AIT) will be sent to the site.

Region IV
Items of Interest
Week Ending November 24, 1989

1. Tulsa Gamma Ray, Inc. Enforcement Conference

An enforcement conference was held on November 20, 1989, at the Region IV office to review the findings related to an inspection conducted at the licensee's facility and two temporary job sites on October 2-4, 1989. The conference focused on the lack of management oversight of the radiation safety program resulting in a significant number of violations identified during this inspection.

2. Arkansas Nuclear One, Unit 2

Arkansas Nuclear One, Unit 2, went critical at 8:34 p.m. (CST) on November 17, 1989, following the completion of a 53-day refueling outage. In addition to refueling, the licensee replaced the core protection calculator, small bore piping in the service water system, and the reactor coolant pump (RCP) seals; modified the RCP seal sensing lines; performed the 10-year inservice inspection; installed the anticipated transients without scram (ATWS) modifications; and overhauled the main turbine.

3. Waterford 3 Steam Electric Station

Waterford Steam Electric Station, Unit 3, went critical at 9:32 p.m. (CST) on November 17, 1989, following the completion of a 56-day refueling outage. In addition to refueling, the licensee also installed ATWS modifications, modified the reactor vessel fuel alignment plate, and repaired a main steam isolation valve. The plant experienced a ground fault and fire on the "B" auxiliary transformer when the main generator was excited on November 19, 1989. Offsite support was requested for the fire and the licensee declared an unusual event at 2:07 p.m. (CST). The fire was confirmed out at 2:50 p.m., at which time the unusual event was terminated. The plant was receiving power from the startup transformers during this fire and the reactor remained at 10 percent power with no problems created by the fire. The plant tied onto the electrical grid on one auxiliary transformer at 6:46 a.m. (CST) this morning and is presently at 18 percent power. The "B" transformer is being inspected for repairs. Initial indications are that the fire caused no damage to the transformer but only to the 6900 KV connections. A preliminary notification will be issued shortly to further describe the transformer fire event.

4. Hillcrest Medical Center

An enforcement conference was conducted with the licensee at the Region IV office on November 21, 1989. A prior inspection of the licensee's teletherapy program and subsequent review of the Hillcrest Medical Center file revealed two violations involving: (1) three incidents of not amending the license to reflect changing the RSO/Teletherapy Physicist, and (2) an inadequate review by the radiation Safety Committee of the qualifications of the new RSO/Teletherapy Physicist.

Region V
Items of Interest
Week Ending November 24, 1989

1. Washington Nuclear Plant - 2

An enforcement conference was held with representatives of the Washington Public Power Supply System on November 20, 1989 in the Region V Office. The conference focused on environmental qualification of electrical splices used by the licensee in safety-related motor operators and fan motors. Representatives of NRR Projects and the NRR Vendor Inspection Branch participated in the conference. A management meeting followed the enforcement conference included discussion of commercial grade procurement, observed bolt torquing problems, the licensee's response to the latest SALP report, and the inoperability of turbine generator trips.

2. Agreement State Medical Diagnostic Misadministration

The State of Arizona reported to the NRC that a diagnostic misadministration had taken place at Desert Good Samaritan Hospital on November 1, 1989. A patient scheduled for a thyroid image scan was inadvertently given a dose of 100 millicuries of I-131 rather than 100 microcuries and sent home. A dose of 100 millicuries can be expected to destroy the thyroid and would result in the significant excretion of radioiodine in areas immediately adjacent to the patient. The State was notified on November 2, 1989, and immediately dispatched an inspector to the site. The hospital called in the family for thyroid evaluations and hospitalization of the patient. The inspector and hospital technologist proceeded to the patient's home and decontaminated the home and family car. The State investigation is continuing.

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NRR MEETING NOTICES

November 24, 1989

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
11/27/89 1:30-3:00		White Flint Bldg. Room 12B-9	Discuss the definition of operability, support systems operability, and allowed outage times related to existing Technical Specifications Improvement Program.	NRC/Combustion Engineering	A. Mendiola
11/28/89 - 11/30/89 9:00	50-498/ 499	South Texas Project Site Wadsworth, Texas	Discuss the South Texas PRA.	NRC/Sandia National/ Houston Lighting & Power Company	G. Dick
11/28/89 - 11/30/89 9:00-4:30	50-605	General Electric Co. 175 Curtner Ave. San Jose, CA.	Discuss the staff's review of the ABWR and to audit the seismic design.	NRC/GE	D. Scaletti
11/28/89 10:00	50-354/ 272/311	White Flint Bldg. Room 14B-9	Review Licensing Actions and Schedules.	NRC/PSE&G	C. Shiraki
11/29/89 9:00-1:00		White Flint Bldg. Room 14B-11	Discuss control rod pattern low power setpoint changes.	NRC/BWROG/GE	H. Richings

* Copies of summaries of these meetings will be made publicly available and placed in the respective docket file(s) in the NRC and local public document rooms.

A listing of these meeting notices can be obtained by calling 492-7424.

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NRR MEETING NOTICES

November 24, 1989

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
11/29/89 9:30-12:00	50-255	White Flint Bldg. Room 6B-9	Discuss Consumer Power Companys' reanalysis of Palisades Plant steam generator tube rupture event with replacement steam generators.	NRC/CE	A. De Agazio
11/30/89 8:30-11:30		White Flint Bldg. 8B-11	Discuss the industry's proposed methodology to search for fire risk outliers in relation to external events considera- tions for severe accidents.	NRC/NUMARC	C. McCracken
11/30/89 10:00	50-261	White Flint Bldg. Room 14B-13	Discuss testing results to demonstrate adequate DC battery capacity.	NRC/CP&L	R. Lo
12/1/89 1:00-3:00		White Flint Bldg. Room 10B-13	Discuss status of topical reports.	NRC/B&W	Y. Hsui
12/6/89 1:00-4:00	50-250/ 251/335 339	White Flint Bldg. Room 16B-11	Discuss the licensee's progress on the probabilistic risk analyses (PRAs) for Turkey Point, Units 3 and 4 and St. Lucie Units 1 and 2.	NRC/FP&L	G. Edison/ J. Norris

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NPSS Meeting Notices

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/Applicant</u>	<u>NRC Contact</u>
<u>Division of Industrial and Medical Nuclear Safety</u>					
11/27-28		Downers Grove, IL Radisson Suite Hotel	To attend Materials Inspection workshop	G. Sjoblom	G. Sjoblom
12/6 9:00 a.m.		OMFN 6-B-13	To discuss "Long Term Surveillance of Waste Sites" with DOE and their contractors	J. Swift G. LaRoche DOE Reps. Contractor Reps.	G. LaRoche
<u>Division of Safeguards and Transportation</u>					
11/27-12/01		Ottawa, ONT Winnipeg, Manitoba Port Elgin, ONT Toronto, ONT	U.S. Physical Protection Review Team visit to Canada for exchange of technical info. on Canadian physical protection programs and procedures	A. Giarratana	A. Giarratana
11/28-30		Hyatt Regency Bethesda Bethesda, MD	Security Training Symposium "Firearms & Explosives Recognition & Detection	NRC DOE CIA FBI Licensees	P. Dwyer
12/03-12/07		San Antonio, TX	To attend INMM workshop on "Assessing Safeguards Performance"	D. Joy	D. Joy

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<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
<u>Division of Low-Level Waste Management and Decommissioning</u>					
11/27-12/02	WA	Olympia, WA	Participate in WA Dept. of Health Agreement State Program Review	J. Shaffner	J. Shaffner, LLOB
12/5-6	NAS	Washington, DC	Meeting of Panel on Disposal of Wastes in Hanford Single Shell Tanks	M. Bell	M. Bell, LLRB

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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>
			<u>Director's Office</u>		
12/7/-8/89		ANL Chicago, IL	Nuclear Safety Research Review Committee (NSRRC) Severe Accident Subc. meeting	NSRRC Subc. Members RES staff	R. Shepard 492-3723 F. Costanzi 492-3525
			<u>Division of Systems Research</u>		
12/13/89		OWFN 10B11	HF Seminar for Sr. Level Managers	HQ DD & above, Reg. Adm.	T. Ryan 492-3550
12/18-19		Annapolis, Md.	DCH Workshop	Sheron, Murphy, Eltawila	F. Eltawila 492-3569
1/18-19/90		Washington, DC Area	Attend NUREG-1150 Peer Review Committee Meeting	J. Murphy & M. Cunningham	M. Cunningham 492-3965
3/8-9/90		Washington, DC Area	Attend NUREG-1150 Peer Review Committee Meeting	J. Murphy & M. Cunningham	M. Cunningham 492-3965

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Office for Analysis and Evaluation of Operational Data

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
12/04-08		Palo Verde, AZ	Diagnostic Evaluation	AEOD	Marty Virgilio Stu Rubin

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Region I Meeting Notices

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
12/05/89 2:00 pm	50-317 50-318	RI Office	Enforcement Conference BG&E - Calvert Cliffs 1/2	Licensee and Selected RI Staff Members	Tripp
12/06/89 11:00 am		RI Office	Enforcement Conference D.C. General Hospital	Licensee and Selected RI Staff Members	Piccone
12/12/89 11:00 am	030- 12145	RI Office	Enforcement Conference Certi- fied Testing Laboratories	Licensee and Selected RI Staff Members	Miller
12/13/89 10:00 am	50-309	RI Office	SALP Board Meeting MYAPC - Maine Yankee	NRC Staff Members	McCabe
12/15/89 10:00 am	50-333	RI Office	SALP Management Meeting PASNY - Fitzpatrick	Licensee and Selected RI Staff Members	Meyer

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RII MEETING NOTICE

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/APPLICANT</u>	<u>NRC CONTACT</u>
11/28/89		Columbia, SC	Meeting with Westinghouse Nuclear Fuel Plant to meet new plant manager and tour the facility	Licensee, Regional Admin. and selected RII Staff Members	Ebnetter
9:00 a.m.		York, SC	Pre-SALP Presentation Duke Power Co.-Catawba	Licensee and selected RII Staff Members	Merschhoff
11/29/89 9:00 a.m.		Huntersville, NC	Pre-SALP Presentation Duke Power Co.-McGuire	Licensee and selected RII Staff Members	Gibson
11/30/89 10:00 a.m.		Port Gibson, MS	SALP Presentation at the Grand Gulf Facility	Licensee, RA, and selected RII Staff Members	Ebnetter
12/5-8/89		RII Office	Resident Inspector Mtg.	Resident and Senior Resident Inspectors	Reyes
12/06/89		Hartsville, SC	Commissioner Rogers will be at the Robinson Plant for site familiarization	Commissioner, Tech. Asst., and selected RII Staff Members	Merschhoff
12/07/89		Jenkinsville, SC	Commissioner Rogers will be at the Summer Plant for site familiarization	Commissioner, Tech. Asst., and selected RII Staff Members	Merschhoff
		Port Gibson, MS	Chairman Carr will be at the Grand Gulf facility for site familiarization	Chairman, Tech. Asst., Deputy RA, and selected RII Staff Members	Milhoan
12/11/89 p.m.		RII Office	Enforcement Conference - GPC - Vogtle Facility	Licensee, RA, and selected RII Staff Members	Ebnetter
12/13/89		Baxley, GA	SALP Presentation GPC - Hatch Facility	Same as above	Ebnetter

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Region III Meeting Notices

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees Applicant</u>	<u>NRC Contact</u>
11/27/89 2:00 pm	50-255	Palisades Plant	Consumers Power Company Palisades Systematic Assessment of Licensee Performance (SALP)	Licensee, Deputy Regional Administrator and selected RIII Staff Members	Paperiello
11/30/89 10:00 am	030-04951	Region III	3M Corporation Telecon Enforcement Conference - Part 21	Licensee, Deputy Regional Administrator and selected RIII Staff Members	Mallett
12/01/89	50-341	Headquarters	Detroit Edison Company Fermi 2 Management Meeting	Licensee, Director, DRP and selected RIII Staff Members	Greenman
12/05/89 10:30 am	50-440 50-441	Headquarters	Cleveland Electric Illuminating Company Perry Management Meeting	Licensee, Deputy Regional Administrator and selected RIII Staff Members	Paperiello

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Region IV Meeting Notice

November 24, 1989

<u>Date</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>RIV Contact</u>
11/28 9:00	50-445; 50-446	RIV Office	TU presentation on upcoming licensed operator class.	McMahon, Hawkins, Walker	J. Pellet
11/30 9:00	50-267	RIV Office	PSC training during decommissioning.	Borst, Einig; Pellet	Pellet
11/30 9:00		URFO	Discuss Bear Creek Mill Reclamation Plan.	RMedlock, RCoppin	EHawkins
11/30 10:00	All RIV Lic.	RIV Office	Operator Licensing issues.	All RIV	JPellet

ENCLOSURE Q