

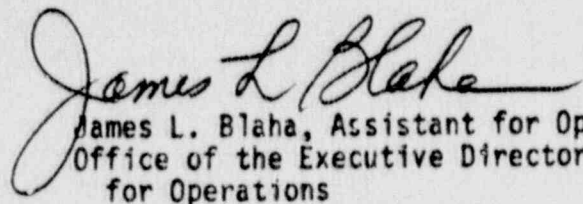
October 11, 1989

For: The Commissioners
From: James L. Blaha, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING OCTOBER 6, 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.


James L. Blaha, Assistant for Operations
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WEEK ENDING OCTOBER 6, 1989

LLW Forum Meeting

The Low-Level Radioactive Waste Forum held its quarterly meeting on October 5-6, 1989 in Portland, Maine. Marie Miller, Region I, and Paul Lohaus and Robert MacDougall, NMSS, represented the NRC. Participants discussed State and Compact progress in LLW disposal site identification and development; findings and recommendations of the the Office of Technology Assessment LLW report, mixed waste as presented by EPA and NUMARC, and the 1990 milestone and certification review process. The Forum also received updates on NRC and DOE LLW activities and on the American Nuclear Insurers policy on liability. Also discussed were State concerns with the National Governors' Association consideration of its LLW policy, the scope and rationale of the NUMARC "BRC" petition and the NRC timetable and procedures for consideration of the petition. On October 4, 1989, during which the Forum sponsored a risk communication workshop EPA's Office of Radiation Programs acted as facilitator in addressing the need for risk communication and the role of the media in risk communication.

Intervenors Move To File Contentions with ASLB Regarding Seabrook September 27, 1989 Onsite EP Exercise

On September 28, 1989, the Massachusetts Attorney General, the Seacoast Anti-Pollution League, and the New England Coalition on Nuclear Pollution jointly requested an ASLB hearing on the September 27, 1989 Seabrook onsite EP exercise. The Intervenors contend that the exercise was not "full-scale" and did not test a significant number of observable portions of the site emergency response plan.

NRC Issues Safety Evaluation Reports on High-Level Waste QA Programs

NRC has issued Safety Evaluations of the Holmes and Narver Yucca Mountain Project Quality Assurance Program Plan (H&N QAPP) Revision 4 and the Reynolds Electrical and Engineering Company (REECO) Quality Assurance Program Plan (QAPP) Revision 8. The NRC staff found that both QAPP's meet the applicable QA criteria of Subpart G to 10 CFR Part 60 and Appendix B of 10 CFR Part 50 and that the plans are, therefore, fully acceptable. These two QAPP's are the first DOE contractor plans that have been accepted by the staff.

International Visitors

On October 5, 1989, Region II was visited by representatives from seven foreign countries. The individuals are currently assigned to INPO as part of a foreign exchange program. The meeting consisted of discussions related to the NRC's mission and the Regional inspection program. In addition, the delegation was provided a tour of the office including the Incident Response Center, Radiochemistry Laboratory, and NDE Laboratory. The group represented government agencies, utilities, vendors and suppliers.

Zion Nuclear Power Station

Mr. H. J. Miller and members of his staff met with Commonwealth Edison Company representatives in the Region III office on October 4, 1989. Commonwealth Edison Company presented their analysis of the Zion Station requalification program effectiveness based on the results of the NRC requalification examinations administered the week of September 11, 1989. Five of twelve operators taking the examination failed at least one portion of the examination and were removed from shift. The Zion requalification program was rated unsatisfactory. A Confirmatory Action Letter was issued on October 6, 1989, identifying the corrective measures by Commonwealth Edison in the near term.

Office of Nuclear Reactor Regulation
Items of Interest
Week Ending October 6, 1989

1. FOIA Requests on Vendor Issues

The Vendor Inspection Branch has received FOIA requests on molded case circuit breakers (Bulletin 88-10 and IN 88-46 and Supplements 1-4) and Meredith Corporation (IN 89-56) which will be very extensive and resource intensive. Several thousands of pages of documents are subject to listing for the FOIA requests. Branch management is working with the NRR FOIA coordination staff to develop appropriate responses. Contractor support is being considered to augment the Branch efforts.

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3. BWR Owners Group Stability Committee Meeting

The staff met with the BWR Owners Group Stability Committee on September 27 to review the status of the generic recommendations for long term actions to assure protection against neutron flux oscillations as discussed in NRC Bulletin 88-07, Supplement 1. The status of GE, EPRI, and NRC code validation and analytical studies to assess the impact of oscillations associated with ATWS events was also discussed. The Technical Program Group (TPG) formed by NRC/RES to carry out stability research participated in the meeting.

The Owners have concluded that four approaches to assure automatic protection are feasible. The concepts involve power/flow based insertion of control rods to avoid operation in regions of potential instability or reactor protection circuits designed to detect and respond to local neutron flux oscillations. The staff provided positive feedback on all of the concepts in principle. Details of the methods for definition of excluded regions and protection system setpoints must be submitted for review since it involves new application of decay ratio calculations and new combinations of LPRM circuits. Non-conservative definition of the boundaries would defeat the effectiveness of the protection (e.g., a foreign reactor with automatic select rod insert features experienced instability because the exclusion region was too small). Funding for the BWROG analyses to implement the proposed solutions must be approved by the BWR Owners. We are hopeful that generic licensing issues associated with this approach can be resolved by early next year.

On September 26, the staff received NEDO-31709, a GE report on the results of a BWROG study to evaluate the effects of large amplitude thermal-hydraulic limit cycle oscillations on average core power. The primary purpose of this study was to assess the impact of oscillations on previous ATWS evaluations and existing ATWS response procedures. The Owners concluded that previous ATWS evaluations are valid and there is no impact on ATWS actions. However, based on a brief look at the report, the staff believes that this conclusion is not supported by the results presented in the report nor by preliminary results of NRC studies. The NRC studies indicate that there is significant contribution (about 2% of the peak power) to average power level increase as a function of oscillation amplitude (independent of additional system effects related to core inlet subcooling). Therefore, additional analyses are needed to evaluate the maximum amplitude of oscillations and the impact of large amplitude oscillations on various ATWS scenarios. We are in the process of defining the integrated analytical effort which can most efficiently achieve these objectives, considering the analytical tools available to NRC and the Owners. We expect to issue a letter evaluation of the BWROG submittal, and will advise them of the additional calculations that are needed to resolve the issue.

Office of Nuclear Material Safety and Safeguards
Items of Interest
Week Ending October 6, 1989

SAFEGUARDS

Domestic

Physical Security Inspection Program

The Division of Safeguards and Transportation (NMSS) has sent the FY90 physical security inspection program to the Regions. For the Category I fuel facilities, the FY90 inspection program represents a departure from previous years, since inspection programs will be performance oriented.

Transportation

Meeting on Model No. 72-B Shipping Package

On September 28, 1989, Transportation Branch staff met with the Department of Energy (DOE), Westinghouse, and Nuclear Packaging, Inc. (NUPAC) to discuss the Model No. 72-B shipping package. The package would be used to ship remote-handled transuranic wastes from DOE defense-related facilities to the Waste Isolation Pilot Plant (WIPP). The package, with impact limiters, is approximately 16 feet long, 6-1/2 feet in diameter and weighs approximately 45,000 pounds. The Model No. 72-B is designed to provide double containment and would have lead shielding. An application is expected in February 1990.

INDUSTRIAL AND MEDICAL NUCLEAR SAFETY

Fuel Cycle Safety

Babcock and Wilcox Company, Naval Nuclear Fuel Division

In April 1989, Babcock & Wilcox (B&W) requested a license amendment to process slightly irradiated (zero power) fuel in their uranium recovery system. The licensee did not plan to treat the waste liquid to remove fission products to maintain effluent releases as low as reasonably achievable. At an October 3, 1989, meeting to discuss this issue, B&W representatives described their evaluation of a proposed liquid waste treatment system which conservatively will remove at least 84 per cent of the fission products from the liquid effluent. The fission products will be solidified and shipped to waste burial. The Fuel Cycle Safety Branch staff agreed that the treatment plan appears acceptable. Accordingly, the licensee agreed to submit a revised application to include liquid effluent treatment.

HIGH-LEVEL WASTE MANAGEMENT

NRC Staff Audit of Department of Energy (DOE) Yucca Mountain Project Office Audit

During the week of September 11-15, 1989 the Division of High-Level Waste Management (DHLWM) staff performed an observation audit of the DOE Yucca

Mountain Project Office (YMPO) audit of Reynolds Electrical and Engineering Company (REECO) in Las Vegas, NV. REECO is the DOE/YMPO contractor for surface and subsurface construction, drilling, and mining for the high-level waste repository.

Because there is no quality assurance (QA) level 1 or 2 work ongoing at REECO, the audit was limited to verification of readiness for implementation rather than verification of implementation. The staff agreed with the DOE audit team's conclusion that there are enough controls in place to begin implementation of the program to perform QA level 1 and 2 work.

NRC Issues Safety Evaluation Reports on High-Level Waste QA Programs

NRC has issued Safety Evaluations of the Holmes and Narver Yucca Mountain Project Quality Assurance Program Plan (H&N QAPP) Revision 4 and the Reynolds Electrical and Engineering Company (REECO) Quality Assurance Program Plan (QAPP) Revision 8. The NRC staff found that both QAPP's meet the applicable QA criteria of Subpart G to 10 CFR Part 60 and Appendix B of 10 CFR Part 50 and that the plans are, therefore, fully acceptable. These two QAPP's are the first DOE contractor plans that have been accepted by the staff.

Office of Nuclear Regulatory Research
Items of Interest
Week Ending October 6, 1989

Confirming the Safety of High Level and Low Level Waste Disposal

Part 60

The EDO has approved initiation of a rulemaking to amend Part 60 to establish a design basis accident dose limit for the geologic repository to be developed by DOE.

Resolving Safety Issues and Developing Regulations

Recently Issued Publications

Draft Division 1 Regulatory Guide: Records Important for Decommissioning of Nuclear Reactors, Task DG-1006, September 1989. Comments requested by December 29, 1989.

Contact: C. Feldman (RES) (301) 492-3883

Draft Division 1 Regulatory Guide: Standard Format and Content for Decommissioning Plans for Nuclear Reactors, Task DG-1005, September 1989. Comments requested by December 29, 1989.

Contact: C. Feldman (RES) (301) 492-3883

Office for Analysis and Evaluation of Operational Data
Items of Interest
Week Ending October 6, 1989

Division of Operational Assessment (DOA)

On October 2, the IRB Section Chief, Operations Officer Section, began a 6-week rotational assignment as Chief, Operations Branch, in Region III.

On October 4, the NRC Headquarters emergency response team conducted an exercise with Region I and Northeast Utilities simulating an accident at Millstone 1. Commissioner Rogers was the Executive Team Director. The exercise was observed by a staff member from the Senate Committee on Public Works and the Environment, by representatives from the State Department, including the Deputy Assistant Secretary for Nuclear Energy and Energy Affairs, and a representative from Northeast Utilities. This exercise demonstrated the ability of the Headquarters staff to monitor and evaluate a licensee's actions over an extended period while the Regional team was in transit to the site.

On October 4, the AEOD Deputy Director and staff members attended the 1989 Nuclear Safety Issues/Nuclear Rulemaking Seminar sponsored by the Nuclear Utilities Service to discuss needed improvements in reporting of events by licensees.

The first Babcock and Wilcox (B&W) Technology Course for Cross Qualification (R-326P) was completed on September 29, 1989. This course was designed and developed to allow students who have successfully completed initial qualification in another pressurized water reactor (PWR) technology (either Westinghouse or Combustion Engineering) to qualify in B&W technology in less time. Course presentations and examinations are at the same level of detail as those associated with the technology and advanced technology courses of the full-course series for a particular reactor technology.

The TTC staff conducted a special simulator course on the boiling water reactor (BWR) simulator for members of the Mexican Comision Nacional de Seguridad Nuclear y Salvaguardias (CNSNS) (counterpart regulatory agency) on October 2-6, 1989. This course followed a special reactor technology course presented in Mexico last October. This course included exercises associated with reactor startup, operations, and emergency operating procedures. This is the first time that the TTC has conducted a course in the USA with all international programs students.

Division of Safety Programs (DSP)

On September 29, 1989, AEOD issued Technical Review Report T916 "Debris in Containment Recirculation Sumps." The report evaluated known occurrences of debris accumulation in containment sumps. Actual accumulation of debris in containment sumps was found to have occurred only at the Surry and Trojan plants. The Surry occurrence was addressed in Information Notice No. 88-87. At the Trojan facility immediate corrective actions have been completed and long-term programmatic actions are being implemented.

Preliminary Notifications

The following Preliminary Notifications were issued during the past week.

- a. PNO-III-89-65A, U.S. Navy (Great Lakes Naval Training Center), Damaged Package Containing Iodine-125 (Update).
- b. PNO-II-89-69, General Electric Company (Docket No. 70-1113), Injured Radiation Worker.
- c. PNO-II-89-70, University of the Virgin Islands (Agriculture Experiment Station, Docket No. 030-19833), Damaged Troxler Moisture Gauge.
- d. PNO-III-89-66, Iowa Electric Light & Power Company (Duane Arnold), Environmentally Unqualified Electrical Splices.
- e. PNO-IV-89-62, Grade School (Mountain Home, Idaho; General Licensee), Stolen Exit Signs.

Office of Governmental and Public Affairs
Items of Interest
Week Ending October 6, 1989

INTERNATIONAL PROGRAMS

NRC-ANRE/MITI REGULATORY INFORMATION EXCHANGE

On Monday and Tuesday, the NRC technical staff met with the Japan Agency of Natural Resources and Energy (ANRE), Ministry of International Trade and Industry, for the fifth regular meeting on nuclear regulatory matters. The 20-member Japanese delegation, headed by ANRE Deputy Director General Jun-ichiro Mukai, met with Tom Murley, Director of NRR, and his staff for two days to discuss current licensing issues (on topics including: license renewal and aging phenomena, and severe accidents) before they began three days of site visits that included tours of TMI and Limerick nuclear power plants and the Brookhaven National Lab.

STATE, LOCAL AND INDIAN TRIBE PROGRAMS

Millstone Emergency Planning Exercise

An emergency planning exercise was held with the Millstone Nuclear Power Station on October 4, 1989. Ms. Marie Miller, Region I, and Vandy Miller, and Spiros Droggitis, SLITP, participated.

LLW Forum Meeting

The Low-Level Radioactive Waste Forum held its quarterly meeting on October 5-6, 1989 in Portland, Maine. Marie Miller, Region I, and Paul Lohaus and Robert MacDougall, NMSS, represented the NRC. Participants discussed State and Compact progress in LLW disposal site identification and development; findings and recommendations of the the Office of Technology Assessment LLW report, mixed waste as presented by EPA and NUMARC, and the 1990 milestone and certification review process. The Forum also received updates on NRC and DOE LLW activities and on the American Nuclear Insurers policy on liability. Also discussed were State concerns with the National Governors' Association consideration of its LLW policy, the scope and rationale of the NUMARC "BRC" petition and the NRC timetable and procedures for consideration of the petition. On October 4, 1989, during which the Forum sponsored a risk communication workshop EPA's Office of Radiation Programs acted as facilitator in addressing the need for risk communication and the role of the media in risk communication.

CONGRESSIONAL AFFAIRS

OCTOBER 6, 1989

CONGRESSIONAL HEARINGS SCHEDULE (CA)

OCA ASSIGNMENT	DATE	TIME	WITNESS	SUBJECT	COMMITTEE
Keeling	10/03/89	10:00	Sen. Kennedy State Dept.	U.S. Policy Options Toward South Africa	Senate Foreign Relations Committee
Gerke	10/05/89	9:30	Non-NRC	Federal Personnel Security Clearance System	Subc on Civil Service House Post Office & Civil Service Subc on Civil & Constitutional Rights House Judiciary Committee
Combs	10/05/89 10/19/89	9:30	Non-NRC	Nuclear Waste	Senate Energy and Natural Resources
Gerke	10/ 05 ¹² /89	9:30	Stello, Connelly, Fortuna, Hayes Malsch, Parler Rosenthal	OIA Investigation	Subc on Oversight and Investigations House Interior and Insular Affairs
Callahan	10/05/89	9:30	Non-NRC	Prosecution of Environ- mental Crimes at DOE Facilities	Subc on Transp & Hazardous Materials House Energy and Commerce
Gerke	10/17/89	9:30	Non-NRC	Regulatory Flexibility Act	Senate Small Business Committee
Hadden/ Gerke	10/18/89	2:15	Remick, Williams	Confirmation Hearings for Commissioner and Inspector General	Senate Environment and Public Works
Gerke	10/24/89	TBA	Markup	S. 946, Single Administrator	Subc Nuclear Regulation Senate Environment and Public Works

ENCLOSURE E

Office of Administration
Items of Interest
Week Ending October 6, 1989

Significant FOIA Requests Received by the NRC for 5-Day Period
September 29, - October 5, 1989

Request for 22 categories of information regarding contracts for investigations of EEO complaints. (Harren Warren, FOIA-89-419)

Request for records containing the following information about the Pilgrim nuclear power plant: (1) releases of radiation to the atmosphere, (2) effects to health from the plant, (3) storage of radioactive materials and waste at the plant, (4) chronic low level releases to the atmosphere, and (5) procedures to monitor low level releases. (C. L. Seekell, FOIA-89-420)

Request for a list of NRC Interlock Violations which have resulted in civil violations. (Andrew Welt, Alpha Omega Technology, Inc., FOIA-89-421)

Request for a compilation of all requests about his company (Andrew Welt, Alpha Omega Technology, Inc., FOIA-89-422)

Request for three categories of records related to license change application No. 8 and amendment No. 9 for the Shoreham nuclear power plant concerning TDI generators. (Richard Bernstein of Rosenman & Colin, FOIA-89-423)

Request for a list of specified information about NRC contracts awarded from November 1, 1988, to the present. (Mike Marlin, Resource Technical Services, Inc., FOIA-89-424)

Request for records containing information on all foreign nuclear power plant accidents reported to or discovered by the NRC from 1979 to the present, including severity, economic costs, and dates of the accidents. (Jim Sugarman, Multinational Monitor, FOIA-89-425)

Request for records related to NRC's August 18, 1989 letter to J. Ellis and W. Council regarding the cold hydrostatic test at the Comanche Peak nuclear power plant. (Billie Garde of Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde, FOIA-89-426)

Request for records related to the 1989 SALP reports regarding the Comanche Peak nuclear power plant. (Linda Bauman of Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde, FOIA-89-427)

Request for records related to Inspection Report No. 89-38 regarding the Comanche Peak nuclear power plant. (Billie Garde of Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde, FOIA-89-428)

Request for records related to NRC's consideration and inspection of the auxiliary feedwater check valve failure at the Comanche Peak nuclear power plant. (Billie Garde of Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde, FOIA-89-429)

Request for 19 categories of records related to the September 27, 1989 onsite exercise of the Seabrook nuclear power plant. (Leslie Greer, The Commonwealth of Massachusetts, FOIA-89-430)

Request for records about Crucible Steel of Syracuse, New York, problems with its products within the industry, and an investigation into possible falsified records by Crucible. (Jean Kessner, WIXT, FOIA-89-432)

Office of Information Resources Management
Items of Interest
Week Ending October 6, 1989

1. Mail Room Contractor Personnel Upgrade

A meeting was held on September 27, between NRC representatives and Dynamic Concepts, Inc. representatives to resolve problems being experienced with DCI's work force performing mail and message service. It was stated by DCI project manager, Mike Peasont, that better qualified people will be assigned to the NRC mail and messenger service. He will submit in writing by October 6, 1989 a plan to upgrade performance levels of DCI employees.

Office of Personnel
Items of Interest
Week Ending October 6, 1989

Probabilistic Risk Analysis Training Course

Fat Rathbun and Lillian van Santen met with representatives of Idaho National Engineering Laboratory (INEL) to discuss revisions to the Probabilistic Risk Analysis (PRA) course entitled "Basics for Inspection Applications."

Occupational Health and Safety Program

Banks Mitchum, Agency Safety and Health Manager, traveled to Region II to conduct an audit of the RII Occupational Health and Safety Program.

Arrivals

The following employee(s) reported this week:

Geralyn Haines, Receptionist (PFT), RI
Glenn Tracy, Reactor Engineer (PFT), RI
Anton Vogel, Reactor Engineer (PFT), RI
Cecile Haskell, Clerk-Typist (PFT), RII
Dennis Boal, Investigator (PFT), RIV

Retirements

Charles Fitti, Director, Program Support and Analysis Staff, ASLBP
George Eysymontt, Special Assistant (PFT), IRM
Patricia Painter, Telephone Operator (PFT), IRM

Other Departures

Pamela Clemmons, Property Management Assistant (Typing) (PFT), ADM
Gary Gladhill, Property Management Technician (PFT), ADM
Tracey Weist, Auditor (PFT), IG
Jillian Carter, Secretary (PFT), NRR

Office of Enforcement
Items of Interest
Week Ending October 6, 1989

Significant Enforcement Actions

A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$280,000 was issued October 5, 1989 to Portland General Electric Company (Trojan). The action was based on a number of significant safety violations that have been aggregated into a single Severity Level II problem for an inoperable containment recirculation sump function. The civil penalty was escalated 50% because the NRC identified most aspects of the violations, 50% for poor past performance, 100% for the prior notice of similar events, and another 100% because some of the deficient conditions may have existed since initial startup. The civil penalty was mitigated 50% because of the corrective actions which included extensive management changes. (EN 89-95)

A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$6,250 was issued October 5, 1989 to Atlas Corporation, Grand Junction, Colorado. The action was based on a violation involving the release of radon-222 concentrations to an unrestricted area in excess of 220 percent of the maximum permissible concentrations permitted by 10 CFR 20.106, when averaged over one year. (EN 89-94)

On March 31, 1987, the staff issued an Order Suspending Power Operation and Order to Show Cause to Philadelphia Electric Company (Peach Bottom). The action was based on inattentive operators over an extended period of time. On October 5, 1989, a letter terminating the requirements of the Order. The letter is based on the fact that all conditions of the Order have been met and the staff is presently satisfied with the licensee's performance. (EN 87-26A).

Civil Penalties Paid

South Carolina Gas & Electric Company (Summer Nuclear Station) paid the civil penalty in the amount of \$25,000. The action was based on inadequate management controls that allowed a licensed senior reactor operator, who failed a portion of his annual requalification exam, to assume the duties of the operator-at-the-controls prior to retraining and retesting. (EA 89-143)

Due Power Company (Catawba) paid the civil penalty in the amount of \$75,000. The action was based on violations involving an inoperable Unit 2 Containment Air Return Hydrogen Skimmer Train caused by a design modification wiring error and the licensee's failure to report a condition prohibited by technical specifications. (EA 89-46)

Lee County Community Hospital, Pennington Gap, Virginia paid the civil penalty in the amount of \$2,500. The action was based on a violation which the NRC-required record of a quarterly Radiation Safety Committee meeting was fabricated by copying the minutes of a previous meeting and changing just the date. (EA 89-44)

Region I
Items of Interest
Week Ending October 6, 1989

1. Millstone Unit 1 Emergency Exercise

On October 4, the NRC participated with the licensee, Northeast Utilities, in the annual emergency preparedness exercise at Millstone Point Unit 1. Participants also included the State of Connecticut and various local towns near the Millstone Point Station. The NRC participation included both Region I and Headquarters response teams. Commissioner Rogers headed the Headquarters Executive Team. The region demonstrated real time deployment of the Site Team.

2. Seabrook

On Wednesday, September 27, the Seabrook annual emergency exercise was observed by the NRC (FEMA did not observe). No licensee weaknesses or inadequacies were identified. NRC staff concluded the licensee actions were adequate to protect the health and safety of the public.

3. Nine Mile Point

By letter dated September 22, 1989, FEMA Region II, has given New York State four months to correct two inadequacies identified in the New York State Radiological Emergency Plan as it applies to Nine Mile Point and FitzPatrick. The first inadequacy relates to an insufficient number of available busses and other transportation vehicles for evacuation of schools and transportation dependent population within the EPZ. The second inadequacy is associated with incomplete emergency worker training.

4. Haddam Neck

Commissioner Rogers visited the Haddam Neck Plant on September 29. He was accompanied by Malcom Knapp, Director, Division of Radiation Safety and Safeguards, Region I, and the resident inspectors.

5. Nine Mile Point, Unit 1

On October 3, 1989, Niagara Mohawk representatives met with the NRC Nine Mile Point Unit 1 Restart Panel and briefed the Panel on the status of implementation of the licensee's Restart Action Plan and on the Company's assessment of its readiness for an NRC Integrated Assessment Team Inspection (IATI). Based on the results of this meeting, the Panel decided to conduct the IATI as previously scheduled. The Team will hold its entrance meeting on October 4, 1989, with the detailed inspection commencing October 10, 1989.

6. Three Mile Island Unit 2

On Wednesday, October 4, 1989, five Japanese delegates to the fifth NRC-ANRE/MITI meeting on regulatory matters toured TMI-2. The Japanese

delegation was headed by Mr. Jun-ichiro Mukai, Deputy Director General, Ministry of International Trade and Industry. Accompanying the tour will be members of the NRC resident site staff and a project manager from Headquarters.

7. Limerick Units 1&2

On Wednesday, October 4, 1989, ten delegates to the fifth NRC-ANRE/MITI met on regulatory matters toured Limerick 1&2 and the Region I office. The Japanese delegation was headed by Mr. Tadahiro Mamada, Deputy Director, Nuclear Safety Administration Division, ANRE/MITI. The Regional Administrator and a project manager from Headquarters accompanied the Japanese delegation.

Region II
Items of Interest
Week Ending October 6, 1989

Region II

1. Systems Energy Resources, Inc.

On October 3, Commissioner Rogers, accompanied by the Deputy Director, DRS, was at the Grand Gulf facility for a familiarization tour and to meet with the Resident Inspectors and licensee personnel.

2. Virginia Electric and Power Company

On the evening of October 3, the Regional Administrator and the Director, DRP, were in Richmond, Virginia, to present certificates to the newly licensed operators at the Surry and North Anna Nuclear Power Stations.

On October 4, the Regional Administrator and selected members of the staff were at the Surry Nuclear Power Station to present the SALP results to Virginia Electric and Power Company representatives. In attendance at the SALP Board Meeting were the Chairman of the Board, all Board Directors, and the Chief Executive Officer of Virginia Power.

3. Test, Research and Training Reactors Conference

On October 5, the Acting Director, Division of Reactor Safety, spoke at the Test, Research and Training Reactor Conference in Raleigh, North Carolina, on the subject of Operator Requalification Exams. Selected members of the Region II and Headquarters staffs also attended this conference.

4. Carolina Power & Light Company

On October 2, representatives of the Carolina Power & Light Company were in the Region II Office to attend an Enforcement Conference to discuss the issues related to Auxiliary Feedwater Pumps at their Robinson facility.

5. International Visitors

On October 5, 1989, Region II was visited by representatives from seven foreign countries. The individuals are currently assigned to INPO as part of a foreign exchange program. The meeting consisted of discussions related to the NRC's mission and the Regional inspection program. In addition, the delegation was provided a tour of the office including the Incident Response Center, Radiochemistry Laboratory, and NDE Laboratory. The group represented government agencies, utilities, vendors and suppliers.

Region III
Items of Interest
Week Ending October 6, 1989

1. LaSalle Nuclear Power Station

On October 6, 1989, Mr. A. Bert Davis, Regional Administrator, Mr. E. G. Greenman, Director of the Division of Reactor Projects, and members of the regional staff met with the Senior Vice President of Commonwealth Edison Company and members of his staff to discuss the results of the licensee's investigation into RPS anomalies observed during a Unit 2 scram on August 26, 1989. The meeting also addressed the status of commitments made by the licensee to be completed prior to restart of the unit. The unit is expected to be ready for restart on October 14, 1989.

2. Quad Cities Nuclear Power Station

On September 14, 1989, while Unit 1 was in cold shutdown, a generator field breaker was racked out with several out-of-service and hold tags on it. Later, the same field breaker was found racked in, which was in violation of the out-of-service procedure. The individual responsible for this could not be positively identified, however, a contractor foreman was suspected. This individual's employment was terminated. The breaker was disconnected prior to being racked back in so there was no immediate hazard involved.

3. Zion Nuclear Power Station

On October 1, 1989, at about 12:40 a.m., while performing a special test procedure which cycled a safety injection valve, the licensee inadvertently spilled about 650 gallons of reactor coolant from the refueling water storage tank into the containment drain sumps via the steam generator manways which were removed for eddy current testing. No personal contamination occurred in the event.

4. Zion Nuclear Power Station

Mr. H. J. Miller and members of his staff met with Commonwealth Edison Company representatives in the Region III office on October 4, 1989. Commonwealth Edison Company presented their analysis of the Zion Station requalification program effectiveness based on the results of the NRC requalification examinations administered the week of September 11, 1989. Five of twelve operators taking the examination failed at least one portion of the examination and were removed from shift. The Zion requalification program was rated unsatisfactory. A Confirmatory Action Letter was issued on October 6, 1989, identifying the corrective measures by Commonwealth Edison in the near term.

5. Duane Arnold Energy Center

On October 4, 1989, Mr. A. Bert Davis, Regional Administrator, Dr. Carl J. Paperiello, Deputy Regional Administrator, Mr. E. G. Greenman, Director, Division of Reactor Projects, Mr. H. J. Miller, Director,

Division of Reactor Safety, and members of the regional staff met in the Region III office with representatives of Iowa Electric Light and Power Company to discuss engineering program improvements, resolution of river water silting problems, and other activities at the site. Licensee progress in this area is continuing and Region III is closely monitoring these activities.

Region IV
Items of Interest
Week Ending October 6, 1989

1. Edgemont Uranium Mill Status

A meeting was held on October 2, 1989, in the Uranium Recovery Field Office on the status of the reclamation of the Edgemont Uranium Mill. The meeting was attended by URFO management and TVA management from Chattanooga, Tennessee. Topics discussed included completion of the reclamation, status of ground-water review, final radiological survey of the site, submittal of the completion report and procedures for terminating TVA's license and transfer of the disposal site to DOE.

2. South Texas Project

Gerald E. Vaughn, Group Vice President, Nuclear and members of the Houston Lighting & Power Company staff met with the Acting Regional Administrator and members of the Region IV staff on October 3, 1989, at the request of the licensee to discuss recent operating events at the South Texas Project.

3. Wolf Creek Generating Station

Mr. W. B. Wood, General Counsel, Wolf Creek Nuclear Operating Corporation, and members of the Wolf Creek staff met with the Region IV staff at the licensee's request to discuss matters regarding visitor access on October 4, 1989.

4. Omaha Public Power District

On October 5, 1989, representatives of the Omaha Public Power District met in Region IV with the Acting Regional Administrator and members of the Regional staff to discuss the licensee's evaluation of the Delta T/nuclear power deviation anomaly.

Region V
Items of Interest
Week Ending October 6, 1989

1. Washington Nuclear Plant-2

On October 5, 1989, Mr. A. Lee Oxsen, Assistant Managing Director for Operations for Washington Public Power Supply System (WPPSS), visited Region V to meet with the Regional Administrator. Mr. J. B. Martin and Mr. Oxsen discussed recent Supply System SALP improvements at Washington Nuclear Project Number 2 (WNP-2), other current management initiatives, and recent plant performance issues.

2. Portland General Electric Company (Trojan)

A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$280,000 was issued October 5, 1989 to Portland General Electric Company (Trojan). The action was based on a number of significant safety violations that have been aggregated into a single Severity Level II problem for an inoperable containment recirculation sump function. The civil penalty was escalated 50% because the NRC identified most aspects of the violations, 50% for poor past performance, 100% for the prior notice of similar events, and another 100% because some of the deficient conditions may have existed since initial startup. The civil penalty was mitigated 50% because of the corrective actions which included extensive management changes. (EN 89-95)

ITEMS ADDRESSED BY THE COMMISSION - WEEK ENDING OCTOBER 6, 1989

- A. STAFF REQUIREMENTS - BRIEFING ON STUDY OF ADEQUACY OF REGULATORY OVERSIGHT OF MATERIALS UNDER A GENERAL LICENSE, 10:00 A.M., THURSDAY, SEPTEMBER 21, 1989, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY to J. Taylor, Acting EDO, dated October 3, 1989

The Commission was briefed by the staff on the adequacy of NRC regulatory oversight of materials under a general license.

The Commission requested the staff to provide an analysis of potential health and safety impacts of devices or sources under a general license, identification of those devices and materials for which greater regulatory control is needed, and more focused recommendations to improve the regulation of materials under a general license. In this analysis, staff should also assess whether there is a health and safety basis to specifically license some of these devices to ensure adequate control; to evaluate whether any devices are suitable for exemption from regulatory control; and to provide more focused recommendations on ensuring proper disposition and disposal of generally licensed materials and devices.

The staff committed to provide the Commission the status of activities related to the disposal of greater than Class-C wastes.

- B. STAFF REQUIREMENTS - BRIEFING ON NRC TECHNICAL TRAINING PROGRAM, 10:00 A.M., THURSDAY, SEPTEMBER 14, 1989, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY to J. Taylor, Acting EDO dated October 5, 1989

The Commission was briefed by the staff on the Technical Training Program for NRC personnel.

The Commission requested the staff to:

1. Evaluate the training necessary to ensure uniformity in the conduct of the remaining maintenance team inspections. Actions to accomplish this training should then be implemented.
2. Develop and/or implement a refresher Fundamentals of Inspection training course to promote a consistent inspection philosophy.
3. Ensure that training costs associated with TTC staff participation in inspection teams are adequately included in future budgets.

4. Consider emphasizing cross-fertilization of experience among Technical Training Center (TTC) instructors to improve corporate/ commercial operating experience.
5. Assure adequate training capabilities in the areas of fuel cycle and reactor physics safety associated with fuel geometry and criticality.

The Commission also encouraged the staff to continue to closely monitor training programs to ensure that personnel training needs can be accommodated.

OCTOBER 6, 1989

NRR MEETING NOTICES

October 6, 1989

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
10/10/89 9:00-12:00		White Flint Bldg. Room 8B-11	Discuss Hydrogen Water Chemistry Status and Recent Field Experience and ISI Credit for Hydrogen Water Chemistry Operation.	NRC/GWROG/ GE/EPRI	F. Witt
10/10/89 1:00	50-261	White Flint Bldg. Room 14B-11	Discuss Auxiliary Feedwater System Operability Issues and Restart of HBR-2	NRC/CP&LC	R. Lo
10/12/89 9:00	50-382/ 313/360	White Flint Bldg. Room 14B-13	Discuss with the licensee the proposed license conditions, operating arrangements and proposed amendments authorizing Entergy Operations, Inc. as operator of Waterford 3, Arkansas Nuclear One, and Grand Gulf facilities.	NRC/LP&L AP&L/SERI	D. Wigginton
10/12/89 10:00-12:00	50-324	White Flint Bldg. Room 14B-11	Discuss Bfunswick's request for Appendix J Exemption to waive the next Type A Integrated Leak Rate Test.	NRC/CP&L	E. Tourigny

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

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

ENCLOSURE 0

OCTOBER 6, 1989

NRR MEETING NOTICES

October 6, 1989

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
10/13/89 8:30-12:00	50-267	White Flint Bldg. Room 14B-11	Discuss spent fuel storage for Ft. St. Vrain.	NRC/PSC	K. Heitner

ENCLOSURE 0

OCTOBER 6, 1989

NPSS MEETING NOTICES

FOR THE WEEK ENDING:
October 6, 1989

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY

<u>DATE</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
9/27-10-8		Gronau, Germany Almelo, The Netherlands London, England	To discuss health, Safety, and features of centrifuge uranium Enrichment plants To attend ICRP meeting	R. Cunningham	R. Cunningham
10/10		Valley Forge, PA	To attend ASNT committee meeting	G. Sjoblom	G. Sjoblom
10/11-12		Overland Park, KS	To attend All Agreement States meeting	G. Sjoblom J. Hickey S. Moore C. Jones	G. Sjoblom
10/10-12		Kansas City, KS	To attend Agreement State meeting	J. Hickey S. Moore	J. Hickey
10/18 8:30 a.m.	40-7580	OWFN, 10-B-13	Re: Status of Fansteel	L. Rouse J. Swift G. LaRoche EPA Region VI reps.	G. LaRoche

ENCLOSURE 0

DIVISION OF LOW-LEVEL WASTE MANAGEMENT AND DECOMMISSIONING

<u>DATE</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
10/10-11		Kansas City, KS	To attend and present a talk at the "All Agreement State Meeting".	M. Bell	M. Bell
10/10-12		Grand Junction, CO	Inspection at DOE site in Green River, UT.	Ted Johnson B. Jagannath	Ted Johnson
10/13-22		N&S Dakota and New Mexico	Site visit to DOE UMTRA Project. Sites & data review at DOE Project Office.	J. Grimm	J. Grimm
10/16-18		Rapid City, SD	Site visit to DOE UMTRA sites.	Ted Johnson M. Dunkelmann R. Shewmaker	Ted Johnson
10/21-31		Brussels, Belgium Paris, France	To attend 1989 International Conference on Decommissioning Nuclear Installations.	Tim Johnson	Tim Johnson
10/23-27		Spokane, WA Richland, WA	Assist agreement-states on UR issues and meet with US Ecology for Richland LLW Facility.	P. Lohaus	P. Lohaus
10/24-28		Grand Canyon, AZ	Attendant at DOE annual states/tribes meeting for the UMTRA program.	D. Gillen M. Fliegel	D. Gillen

OCTOBER 6, 1989

ENCLOSURE 0

DIVISION OF SAFEGUARDS AND TRANSPORTATION

OCTOBER 6, 1989

<u>DATE</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
11/16-27		Albuquerque, NM	To participate in the DOE Threat Awareness Seminar	J. Yardumian	J. Yardumian
11/28-30		Bethesda, MD	Explosives Seminar	J. Yardumian	J. Yardumian

DIVISION OF HIGH-LEVEL WASTE MANAGEMENT

<u>DATE</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
None					

ENCLOSURE 0

OCTOBER 6, 1989

RES MEETING NOTICES

<u>Date/Time</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees</u>	<u>NRC Contact/ Phone Number</u>
<u>Director's Office</u>				
10/19-20/89	Albuquerque, NM	Nuclear Safety Research Review Committee (NSRRC) Seismic/Containment Meeting		R. L. Shepard 492-3723
10/23-25/89	Holiday Inn Crowne Plaza Rockville, MD	17th Water Reactor Safety Information Meeting		B. Cebuia 492-3618
<u>Division of Systems Research</u>				
10/23/89	Presidential II Room Holiday Inn - Crowne Plaza	Accident Management Research - Public Meeting	NRC, Utilities & Public	L. Shotkin 492-3530
10/23-25/89	Ramada Inn	ICAP Meeting	NRC Staff, Contractors & Vendors	G. Rhee 492-3564
10/26-27/89	Holiday Inn Crowne Plaza Rockville, MD	Severe Accident Research Program Partner's Fall 1989 Meeting	RES Staff & NRC Contractors	F. Costanzi 492-3525
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

ENCLOSURE Q

OCTOBER 6, 1989

OFFICE FOR ANALYSIS AND EVALUATION OF OPERATIONAL DATA MEETINGS

Week Ending: October 6, 1989

<u>Date</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/Applicant</u>	<u>NRC Contact</u>
10/16-17	MNBB	Palo Verde Team Meeting	AEOD, NRR, RIII, RIV	Marty Virgilio Stu Rubin
10/18	Little Rock	ANO Diagnostic Evaluation Exit	AEOD, NRR, RIV, EDO, AMO Corp.	Gary Zech
10/24-26	TTC	DRSS Division Director Radiation Safety Meeting	Regions, NMSS, NRR, OE	Ken Reglin

ENCLOSURE Q

OCTOBER 6, 1989

RI MEETING NOTICES

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATTON</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
10/17/89 10:00 a.m.	50-334 50-412	RI Office	Systematic Assessment of Licensee Performance Board Meeting	NRC/DLC	C. Cowgill
10/19/89 10:00 a.m.	50-219	RI Office	Systematic Assessment of Licensee Performance Management Meeting	NRC/GPUN	C. Cowgill
10/19/89 1:30 p.m.	50-289	RI Office	TMI-1 mid-cycle Systematic Assessment of Licensee Performance Management Meeting	NRC/GPUN	C. Cowgill
10/23/89 1:00 p.m.	50-29	Rowe, MA	Systematic Assessment of Licensee Performance Management Meeting	NRC/YAEC	R. Blough
10/25/89 1:30 p.m.		RI Office	Enforcement Conference	NRC/D. EDLIN, M.D.	J. Gresick

ENCLOSURE Q

October 6, 1989

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>
10/12/89 am			Enforcement Conference DPC - Catawba facility	Licensee, Regional Administrator, and selected RII Staff Members	Ebnetter
10/17/89 9:00 am		RII Office	Enforcement Conference VEPCO - Surry facility	Regional Administrator, Licensee, and selected RII Staff Members	Reyes
10/18/89 9:00 am		Crystal River, FL	Mtg. with FPC regarding Design Basis Reconsti- tution	Licensee, Regional Administrator and selected RII Staff Members	Ebnetter
10/20/89 10:00 am		Ponce, PR	Enforcement Conference DeDamas Hospital	Licensee and selected and selected RII Staff Members	Stohr
10/20/89 1:00 pm		RII Office	Enforcement Conference DPC - McGuire facility	Same as above	Ebnetter
10/25/89 1:00 pm		RII Office	Enforcement Conference SCE&G - Operator at the Summer Facility	Licensee, Regional Administrator and selected RII Staff Members	Ebnetter
10/26/89 9:00 am		Miami, FL	SALP Presentation FPL - Turkey Point facility	Licensee, Regional Admin. and selected RII Staff Members	Ebnetter
10/30/89 10:00 am		Columbia, AL	SALP Presentation APC - Farley facility	Same as above	Ebnetter

OCTOBER 6, 1989

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REGION III MEETING NOTICES

<u>FACILITY</u>	<u>DOCKET NUMBER</u>	<u>DATE/TIME</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>REGION III CONTACT</u>
Monticello	50-263	October 10 10:00 a.m.	Site	Enforcement Conference regarding Health Physics and Security problems	C. Norelius
LaSalle	50-373/374	October 10 10:00 a.m.	Region III Office	Management Meeting to discuss the results of the NRC's SSFI	H. Miller
Point Beach	50-266/301	October 13 10:00 a.m.	Wisconsin Electric Corporate Office, Milwaukee, WI	Management Meeting to discuss the Licensee's Self-Initiated SSFIs	H. Miller
Zion	50-295/304	October 17	Site	Plant Tour and meeting with Licensee and Resident Staff	E. Greenman
--	--	October 20	Headquarters	Pre-Brief for Senior Management Meeting	E. Greenman
Perry	50-440	October 26 1:00 p.m.	Region III Office	Periodic Management Meeting to discuss recent plant performance	C. Paperiello

OCTOBER 6, 1989

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OCTOBER 6, 1989

REGION V MEETING NOTICES

Time Frame (10/23/89 - 11/10/89)

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
11/6-9/89		Region III	J. B. Martin participating in a NRC Regulatory Impact Survey	Staff from other regions	J. Martin

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