October 24, 1989

For:

The Commissioners

From:

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

Subject:

WEEKLY INFORMATION REPORT - WEEK ENDING OCTOBER 20, 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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James L. Blaha, Assistant for Operations Office of the Executive Director

for Operations

HIGHLIGHTS OF WEEKLY INFORMATION REPORT

WEEK E'ADING OCTOBER 20, 1989

Protected Are: Liss term housekeeping

As a result of a special physical security team inspection conducted during the summer of 1989 at each of the three Category I fuel facility sites, one generic concern was the large amount of clutter at the sites, which could impact security. On September 26, 1989, Division of Safeguards and Transportation issued a Generic Letter (89-20) which requested each of the Category I fuel facility licensees to provide a report describing site conditions relating to isolation zones, protected areas, construction, waste and scrap storage, and vehicle storage. It was also requested that they report other activities that may obstruct observation or reduce illumination levels, as well as a security maintenance program for the prevention of obstructions which may degrade security system performance. Licensees have also been requested to submit the report and a schedula for correcting deficiencies within 90 days of the issuance date of the Generic Letter.

RSLO Counterpart Meeting

A Regional State Liaison Officers (RSLO) counterpart meeting was held with the State, Local and Indian Relations staff at Headquarters on October 16-17, 1989. The meeting provided an opportunity to review policy guidance and discuss issues of interest with other NRC staff. Harold Denton, Director of Governmental and Public Affairs, discussed the recent State Liaison Officers meeting held in Region II and items of interest from that meeting. Michael Bell, Chief of the LLW Regulatory Branch, gave a status report on decommissioning-related activities within the Commission. John Greeves, Deputy Director of LLWM, Paul Lohaus, Chief of the LLW Operations Branch, and Rob MacDougall, LLWM, reviewed the status of a variety of LLW-related issues including Governors' certifications, storage options and guidance development, mixed waste, greater than Class C, and the recent National Governors' Association staff meeting on LLW. Bill Lahs, RES, made a presentation on the status of activities on the regulatory exemption policy. During a discussion on implementation of the Commission policy on cooperation with States, John Jolicoeur, AEOD, discussed the status of implementation of the emergency response data system (ERDS) and State interest in negotiating memoranda of understanding for access to ERDS. In addition, the RSLOs made a courtesy visit with Commissioner Curtiss.

San Francisco Earthquake

On October 17, 1989, the Boise Interagency Fire Cache (BIFC) was called at 9pm EST by the Telecommunications Branch and put on stand-by because of the earthquake in the San Francisco area. BIFC is under contract to provide NRC with emergency telecommunications. Region V only had its one dedicated voice line working back to the NRC Operations Center. The Regions commercial phone service was restored by 11pm EST and BIFC was released from stand-by status. All of the Emergency Notification System (ENS) lines to power plants remained in service. The AUTO-DIAL Network System (ANS) lines to the Region also remained in service.

Office of Nuclear Reactor Regulations Items of Interest Week Ending October 20, 1989

Carolina Power and Light Meeting: AFW System

SPLB, DPL II-1 and Region II met with Carolina Power and Light on October 10, 1989 to discuss the licensees corrective actions for the auxiliary feedwater (AFW) system NPSH problem at H.B. Robinson. The licensee described the proposed modifications including increasing the AFW pumps suction piping size and other AFW system modifications to bring the AFW system back into conformance to with its design basis requirements. The staff requested some additional verification be made by the licensee of assumed AFW flow requirements for various events, but was in agreement that the proposed actions are adequate to ensure proper pump performance and therefore, restart could commence upon their completion. AFW system testing will be performed prior to and during restart power ascension. Restart was scheduled for later in October 1989.

LPCI Single Failure, BWR 4 Plants

On October 6, 1989, Fermi-2, Monticello, Dresden and Quad Cities reported a potential single failure problem that could result in a complete loss of the Low Pressure Coolant Injection (LPCI) function due to a low voltage condition on the LPCI bus. The low voltage condition could result from a postulated failure of an Emergency Diesel Generator Voltage regulator. The same EDG voltage voltage regulator failure would also result in degradation or failure of one division of core spray. These postulated ECCS failures, in the event of a large break LOCA, would result in an inadequate core cooling event in BWR-4 plants. INPO has sent notification of this potential failure mode to the affected BWR-4 licensees. SELB is working with Reactor Projects to establish an NRR course of action.

Maine Yankee - Noise at Hot Leg Loop Isolation Valve

During the week of September 18, 1989, the licensee detected an increased level of noise from the No. 1 steam generator acoustic monitoring system. After installing additional instrumentation, the licensee determined that the noise was coming from the hot leg isolation valve.

During a reactor shutdown on October 10, 1989, the operators, following procedure, took the #1 hot leg loop isolation valve off its back seat to prevent thermal binding while cooling down the plant. Consequently, the noise that had been coming from the valve ceased. An inspection conducted after the plant shutdown indicated the presence of boron precipitate on the valve and on the floor underneath. The licensee suspected that a valve packing leak was the cause of the excessive noise. The packing was adjusted and, following startup on October 16, the excessive valve noise had not recurred.

Meeting with NUMARC

The Seismic Subcommittee of the External Events Steering Group has scheduled a meeting with NUMARC on October 20, 1989 to discuss issues related to plant review level ground motion and significance of high frequency ground motion. It is expected that a draft version of a generic letter on Individual Plant Examination for External Events will be completed by the middle of November 1989.

Office of Nuclear Material Safety and Safeguards Items of Interest Week Ending October 20, 1989

SAFEGUARDS

Domestic

Protected Area Long-Term Housekeeping

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Transportation

On October 18, 1989, Transportation Branch staff met with General Atomics (GA) to discuss the GA-4 and GA-9 spent fuel casks. These casks are being designed for the Department of Energy for transport of spent fuel by truck under the Nuclear Waste Policy Act. The structural design of the package, and the basis for evaluating its thermal, criticality, and shielding safety were discussed at the meeting. An application is expected to be submitted to the NRC in 1992.

LOW-LEVEL WASTE MANAGEMENT

Siting Requirements Briefing for New Jersey LLW Disposal Facility Siting Board

On October 12, 1989, a staff member of the Division of Low-Level Waste Management and Decommissioning attended a meeting of the New Jersey Low-Level Radioactive Waste Disposal Facility Siting Board to discuss the requirements of 10 CFR Part 61 and answer questions about the siting process. The Siting Board is charged with developing a low-level waste disposal facility for the State to carry out the requirements of the Low-Level Radioactive Waste Policy Amendments Act of 1985 and commitments made to the Northeast Compact. The Board is moving forward rapidly to site a disposal facility. They were particularly interested in the National Environmental Policy Act (NEPA) process, the availability of NRC resources to continue effective pre-licensing interactions and NRC staff considerations concerning the siting process.

Office of Nuclear Regulatory Research Items of Interest Week Ending October 20, 1989

Integrity of Reactor Components

Part 21 Notification for IAV Relays

In an October 13, 1989 letter to the Director, NRR, the General Electric Company indicated that the published seismic ratings of IAV relays in the operating mode with normally open contacts are now in question due to a review of a 1977 GE test report. The 1977 GE test report was being reviewed because tests recently performed by Wyle Laboratories for Brookhaven National Laboratory (BNL) under NRC/RES sponsorship could only support a seismic rating approximately 20% of the published levels. When presented with the BNL data, GE reviewed their seismic test reports and discovered an error. GE has notified those nuclear units that purchased these IAV relays as class IE that a problem exists and has committed to additional testing. IAV relays are being reviewed as part of USI A-46 and are expected to be included in the seismic portion of IPEEE.

Resolving Safety Issues and Developing Regulations

Generic Issue B-56 Diesel Generator Reliability

The staff met with the ACRS Subcommittee on AC/DC Power Systems Reliability on October 2, 1989 and with the full Committee on October 6, 1989 to discuss the resolution of GSI B-56, "Diesel Generator Reliability" through the issuance of Regulatory Guide 1.9, Revision 3. NUMARC's B-56 working group staff also presented their views with respect to this regulatory guide at these meetings. Because insufficient time was allotted for discussion at the full committee meeting, the staff will be asked to return to the full Committee to further discuss RG 1.9, Revision 3 and to address difference of position between the regulatory guide and NUMARC.

The staff also met with the CRGR on October 11, 1989 to discuss the resolution of B-56. As a result of this meeting, the staff will be requested to return to the CRGR to further discuss RG 1.9, Revision 3 (per suggestions made by CRGR members at the October 11, 1989 meeting) and specific implementation actions associated with the regulatory guide.

Future Meeting: Public Workshop on Technical and Policy Considerations for Nuclear Power Plant License Renewal

In a Federal Register Notice dated October 13, 1989 (FRN Vol. 54 No. 197 pp. 41980-41986 (inclusive)), the NRC announced a public workshop on Technical and Policy Considerations for Nuclear Power Plant License Renewal. NRC staff will receive comments on a number of specific technical and policy issues prior to drafting a proposed rule and draft regulatory guides. The workshop will be held on November 13 and 14, 1989 at the Sheraton Reston Hotel in Reston, Virginia.

Future Meeting: Public Workshop on Conversion to the Metric System

In a Federal Register Notice dated October 16, 1989 (FRN Vol. 54, No. 198 pp. 42426-42427), the NRC announced a public workshop on conversion to the metric system. NRC staff will collect information that will assist the NRC in developing its policy and plans for complying with the Omnibus Trade and Competitiveness Act of 1988. The workshop will be held on November 14 and 15, 1989 at the Holiday Inn-Inner Harbor in Baltimore, Maryland.

Office for Analysis and Evaluation of Operational Data Items of Interest Week Ending October 20, 1989

Division of Operational Assessment (DOA)

At approximately 1703 pacific day light time (PDT), an earthquake with an estimated level of 7.0 on the Richter Scale occurred with an epicenter approximately 10 miles northeast of Santa Cruz, California, near the San Andreas Fault. Additional Operations Officers were brought to the Operations Center to handle the communications with NRC management, Region V, licensees, other federal agencies and international agencies. IRB determined the status of all power, test and research reactors and communicated the results to appropriate contacts inside and outside the NRC. An open line was established and maintained throughout the night with Region V which manned its Incident Response Center. During this time the normal commercial telephone system could not be used because it was overloaded. However the Federal Telecommunication System (FTS) and the Emergency Notification System (ENS) tie-line and the teleconferencing system remained available for communications with the response center.

On October 18, the AEOD Director, Arkansas Nuclear One (ANO) Diagnostic Evaluation Team (DET) Manager and Deputy DET Manager, together with representatives of NRR and Region IV personnel met with the Arkansas Power & Light Company (AP&L) Chief Executive Officer, Nuclear Vice President and other AP&L executives and Entergy Corporation executives to discuss the results of the ANO Diagnostic Evaluation.

On October 16-17, members of the Palo Verde Diagnostic Evaluation Team met at the AEOD's offices in Bethesda, Maryland. At this meeting the team members met each other and the specific objectives, methodology, program schedule and administrative details for the Palo Verde diagnostic evaluation were discussed. In addition, detailed presentations on key licensee staff, site and corporate programs and plant performance were provided by the Director, Division of Reactor Projects, Region V, the NRR Project Managers and key members of AEOD's Trends and Patterns Analysis Branch.

Preliminary Notifications

The following Preliminary Notifications were issued during the past week.

- a. PNO-I-89-83, General Food Corporation (Maxwell House Division), Lost Density Level Gauge.
- b. PNO-I-89-84, Long Island Lighting Company (Shoreham Nuclear Power Station), Potential Tampering with Fire Protection System.
- c. PNO-I-89-85, Boston Edison Company (Pilgrim 1), FEMA Public Meeting on Pilgrim Emergency Preparedness Exercise.
- d. PNO-I-89-86, Del-Med, In rated, Unauthorized Delivery and Potential Loss of Radioactive Mat. at Del-Med, Incorporated.

- e. PNO-II-89-71A, Carolina Power & Light Company (Shearon Harris), Turbine Area Fire Update.
- f. PNO-II-89-72, Virginia Electric and Power Company (Surry Unit 2), Surry Unit 2 Shutdown Due to Leaking Pressurizer Safety Valve.
- g. PNO-V-89-60, Arizona Nuclear Power Project (Palo Verde Unit 2), Shutdown Greater Than 48 Hours.
- h. PNO-V-89-61, Diablo Canyon Nuclear Power Plant (Pacific Gas and Electric Company), Unusual Event Earthquake.
- PNO-V-89-61A, Diablo Canyon Nuclear Power Plant (Pacific Gas & Electric Company, Docket Nos. 50-275/323 and Other Facilities), Unusual Event -Earthquake (Update).

International Programs:

IAEA Vacancy Items

The following vacancy notices from the International Atomic Energy Agency in Vienna. Austria have been posted on NRC bulletin boards:

- D-1 Director, Division of Technical Cooperation Implementation, Department of Technical Cooperation
- P-4 Senior Systems Analyst, Information Systems Unit, Computer Section, Division of Scientific and Technical Information, Department of Nuclear Energy and Safety
- P-3 Unit Head, Field Accounts and Commercial Claims Unit, Operations Section, Division of Budget and Finance, Department of Administration
- P-4 Reviser, French Translation Section, Division of Languages, Department of Administration
- P-4 Radiation Biologist, Applied Radiation Biology and Radiotherapy Section, Division of Life Sciences, Department of Research and Isotopes
- P-2 Environmental Radiochemist, Chemistry Unit, Agency's Laboratories, Department of Research and Isotopes
- P-5 Group Leader, Section OA3, Division of Operations A, Department of Safeguards
- P-4 Reactor Accident Prevention Specialist, Engineering Safety Section, Division of Nuclear Safety, Department of Nuclear Energy and Safety
- D-1 Director, Division of Scientific and Technical Information, Department of Nuclear Energy and Safety
- P-3 Conference Service Administrator, Conference Service Section, Division of External Relations, Department of Administration
- P-2 Technical Officer, Animal Production and Health Section, Joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture, Department of Research and Isotopes
- P-4 Nuclear/Chemical Engineer, Waste Management Section, Division of Nuclear Fuel Cycle, Department of Nuclear Energy and Safety
- P-4 Research Entomologist, Agriculture Laboratory, Agency's Laboratories, Seibersdorf, Department of Research and Isotopes

P-5, Head of Section, Chinese Translation Section, Division of Languages, Department of Administration

P-5 Head, INIS Section, Division of Scientific and Technical Information, Department of Nuclear Energy and Safety

P-5 Radiation Protection Services Specialist, Radiation Safety Service Section, Division of Nuclear Safety, Department of Nuclear Energy and Safety

P-4 Reviser, Arabic Translation Section, Division of Languages, Department of Administration

P-3 Scientific Information Officer, Scientific Information Services Unit, International Centre for Theoretical Physics, Trieste, Department of Research and Isotopes

P-1 Soil Scientist, Soil Science Unit, Agricultural Laboratory, Agency's Laboratories, Seibersdorf, Department of Research and Isotopes

State, Local and Indian Tribe Programs

RSLO Counterpart Meeting

A Regional State Liaison Officers (RSLO) counterpart meeting was held with the State, Local and Indian Relations staff at Headquarters on October 16-17, 1989. The meeting provided an opportunity to review policy guidance and discuss issues of interest with other NRC staff. Harold Denton, Director of Governmental and Public Affairs, discussed the recent State Liaison Officers meeting held in Region II and items of interest from that meeting. Michael Bell, Chief of the LLW Regulatory Branch, gave a status report on decommissioning-related activities within the Commission. John Greeves, Deputy Director of LLWM, Paul Lohaus, Chief of the LLW Operations Branch, and Rob MacDougall, LLWM, reviewed the status of a variety of LLW-related issues including Governors' certifications, storage options and guidance development, mixed waste, greater than Class C, and the recent National Governors' Association staff meeting on LLW. Bill Lahs, RES, made a presentation on the status of activities on the regulatory exemption policy. During a discussion on implementation of the Commission policy on cooperation with States, John Jolicoeur, AEOD, discussed the status of implementation of the emergency response data system (ERDS) and State interest in negotiating memoranda of understanding for access to ERDS. In addition, the RSLOs made a courtesy visit with Commissioner Curtiss.

Georgia Radiation Control Program Review

R. L. Woodruff, Region II State Agreements Officer, conducted a review of the Georgia Radiation Control Program on October 16-20, 1989 in Atlanta, Georgia. Preliminary staff findings will be reviewed by Regional and Headquarters offices and the results will be confirmed in a letter to the State.

New Jersey LLW Generators Workshop

George Pangburn, NMSS, accompanied by Marie Miller, Region I State Liaison Officer, participated in a workshop for New Jersey LLW generators on October 20, 1989 in Princeton, New Jersey. The purpose of the meeting, sponsored by the New Jersey Low Level Radioactive Waste Disposal Facility Siting Board, was for the State to discuss onsite storage options and other alternatives with New Jersey's LLW generators. New Jersey officials held this workshop to gain additional information for the preparation of the Governor's certification.

Congressional Affairs

ОСТ			CONGRESSIONAL HEAD	RINGS SCHEDULE (CA)	
OCT OCA OCA ASSIGNMENT	DATE	TIME	HITNESS	SUBJECT	COMMITTEE
° Gerke	10/17/89	9:30	Non-NRC	Regulatory Flexibility Act	Senate Small Business Committee
989 Gerke	10/19/89	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	10/19/89	9:30	Non-NRC	Uranium Enrichment H.R. 2480	Subc on Energy Research & Development House Science, Space & Technology
Madden/ Gerke	10/20/89	9:45	Remick, Williams	Confirmation Hearings for Commissioner and Inspector General	Senate Environment and Public Works
Gerke	10/24/89	10:00	Markup	Fedl Overtime Pay H.R. 2514, H.R. 215	Subc on Compensation & Employee Benefits House Post Office & Civil Service
Combs	10/31/89	9:30	Non-NRC	Nuclear Waste	Senate Energy and Natural Resources
Combs	11/02/89	9:30	Non-NRC	MRS Commission Report	Senate Energy and Natural Resources

NOTE: The confirmation hearing for Messers. Remick and Williams has been changed from October 18 to October 20.

Office of Administration Items of Interest Week Ending October 20, 1989

One White Flint North Garage

Two speed bumps have been installed along the driveway entrance to the OWFN garage and two pedestrian crosswalks have been striped at the rear of the building. The inclusion of these enhancements were added to protect the NRC employees when entering and exiting from the garage and loading dock areas.

Notice of Establishment of Tomporary Local Public Document Room

A temporary local public document room for Rockwell International Corporation, Rocketdyne Division's Santa Susana Field Laboratory, has been established at the Chatsworth Branch Library, Chatsworth, CA to support the proceedings on Rockwell International Corporation's request to renew the special material license for this facility (Special Material License Number SNM-21).

Significant FOIA Requests Received by the NRC for 5-day Period October 13-19, 1989

Request for copies of al? staff and Commission policy and guidance records related to the procurement area, in particular, commercial grade dedication. (Ophelia Williams, J/R/A Associates, FOIA-89-448)

Request for pages 176 through 180 of the Inquiry Into the Testimony of the Executive Director for Operations, Volume III, February 1978. (Ann Herpel, The National Security Archive, FOIA-89-452)

Request for all records related to an August 21, 1989 meeting between specified representatives of the NRC and the Board of Directors of the Florida Power and Light Group. (Thomas Saporito, Nuclear Energy Accountability Project, FOIA-89-454)

Office of Information Resources Management Items of Interest Week Ending October 20, 1989

1. San Francisco Earthquake

On October 17, 1989, the Boise Interagency Fire Cache (BIFC) was called at 9pm EST by the Telecommunications Branch and put on stand-by because of the earthquake in the San Francisco area. BIFC is under contract to provide NRC with emergency telecommunications. Region V only had its one dedicated voice line working back to the NRC Operations Center. The Regions commercial phone service was restored by 11pm EST and BIFC was released from stand-by status. All of the Emergency Notification System (ENS) lines to power plants remained in service. The AUTO-DIAL Network System (ANS) lines to the Region also remained in service.

2. Auto Upgrade of Technology for Office System (AUTOS)

On October 16, 1989, the AUTOS source evaluation panel met to discuss inputs for the AUTOS Statement of Work.

3. OMB Clearance Actions

General Electric Nuclear Energy submitted a letter to the Office of Management and Budget (OMB) stating that the NRC'c request for renewal of the clearance for NRC Form 741, "Nuclear Material Transaction Report" should be denied. General Electric (GE) believes that the revised NUREG/BR-COO6, "Instructions for completing Nuclear Material Transaction Reports and Concise Notes" contains numerous errors, requires significant changes to computer systems, and has no implementation date, and that industry was not allowed to comment on the document prior to publication. The GE letter is being reviewed by NMSS and OGC so that they can prepare a response.

4. TVA Request to Submit Microfiche FSARs in Lieu of Hard Copy

IRMB received a request from Suzanne Black, Assistant Director for TVA Projects, NRR, for the requirements to submit FSARs in microfiche. TVA envisions submitting a complete revised FSAR for each amendment they issue and would like to make the submittals only in microfiche. IRMB will provide specifications and copy requirements guidance consistent with applicable regulations and Generic Letter 82-14 after copy recipients are polled for need for hardcopy as opposed to microfiche and the availability of Microfiche Reader Printers.

Office of Personnel Items of Interest Week Ending October 20, 1989

Fall Recruiting Activities

Duane Potter attended a National Career Center Job Fair in Secaucus, New Jersey, on October 16 and 17, 1989, where he interviewed applicants in the scientific and engineering fields. Frank Elizondo, agency Recruiting Officer, attended the Society of Women Engineers Job Fair on October 20 and 21, 1989. This fall recruiting season focuses on professional technical personnel.

Arrivals

The following employee(s) reported this week:

Tammy Austin, Clerk-Typist (PFT), NRR
John Cordes, Solicitor (PFT), OGC
Dennis Boal, Investigator (PFT), OI
Thomas Hiltz, Reactor Engineer (PFT), RI
Angela Keebler, Voucher Examiner (PFT), RI
Frank Brush, Reactor Engineer (PFT), RIII
Norma Travis, Resident Clerical Aide (OPFT), RIV

Departures

Sidney Parry, Sr. ACRS Fellow (Nuclear Engineer) (PFT), ACRS Kimberly Hawkins, Telephone Operator (PFT), IRM Vincent Pritchett, Resident Inspector (PFT), RI Michael Lauer, Radiation Specialist (PFT), RII

On October 16, 1989, the Federal Women's Program sponsored a special forum on employment issues of the 1990s, which was held in the Commission Hearing Room at One White Flint North. Chairman Kenneth M. Carr made opening remarks and Acting Executive Director for Operations, James M. Taylor, made the closing remarks.

The program featured Donna Wolf, Policy Director for the Office of Personnel Management, as the keynote speaker. Ms. Wolf spoke on the subject "Expanding the Circle of Inclusion."

There were four panel discussions: Hugh L. Thompson, Jr., Deputy Executive Director for Nuclear Materials Safety, Safeguards and Operations Support, moderated the panel discussion on "Managing Diversity;" Paul E. Bird, Director, Office of Personnel, moderated a round table discussion on "Impact of Civil Service 2000," and moderated and participated in, with his staff, the panel discussion on "Career Development Opportunities for Women;" and W. B. Kerr, Director, Office of Small and Disadvantaged Business Utilization and Civil Rights, moderated the panel of NRC's SES women discussing their different paths to the top, pitfalls, and lessons learned.

Following the forum, the Federal Women's Program held it's Annual Review and Planning Conference on October 17-18, 1989 at Headquarters. Conferees included all five Regions' Federal Women's Program Coordinators; members of the Federal Women's Program Advisory Committee; Federal Women's Program Managers from National Aeronautics and Space Administration, Federal Aviation Association, Department of Labor; and special assistant for the Federal Women's Program at the Office of Personnel Management. Details of the conference will be provided in the after conference report which is in the process of being prepared.

Office of Enforcement Items of Interest Week Ending October 20, 1989

Significant Enforcement Action

A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$2,500 was issued to Veterans Administration Medical Center, New York, New York on October 10, 1989. The action was based on 13 violations that, in the aggregate, were considered to represent a breakdown in control of licensed activities. (EN 89-96)

Region I Items of Interest Week Ending October 20, 1989

1. USR INDUSTRIES AND SAFETY LIGHT CORPORATION

USR Industries and Safety Light Corporation requested a hearing on the August 21, 1989 NRC Order requiring establishment of a trust fund to pay for site characterization of Safety Light's Bloomsburg, Pennsylvania facility. The Atomic Safety and Licensing Board has scheduled a preliminary conference on this matter for 10:30 a.m., October 19. OGC, OE and Region I will attend with representatives of USR and Safety Light.

2. PILGRIM EXERCISE

A full-participation exercise was held at Pilgrim on 10/12-13, 1989. The second day activities were limited to off-site demonstration of recovery and reentry. The NRC observed on-site portions of the exercise and provided an assessment of licensee performance to the licensee on 10/13/89. The licensee demonstrated the ability to implement the on-site portions of its plans in a manner which would have provided prompt, appropriate protective action recommendations to off-site authorities. No exercise weaknesses were identified by the team of NRC observers.

FEMA Region I held a public meeting at Memorial Hall in Plymouth, Massachusetts on Monday, 10/16 at 7:30 p.m. to present the observations made by FEMA during the Pilgrim full-participation exercise conducted on 10/12/89. FEMA spokesman Jack Dolan indicated that performance had improved in the areas which were identified as weaknesses during previous exercises, and that the final exercise report should be issued in about three months. Craig Conklin, the NRC inspection team leader, represented the NRC at the public meeting and indicated that the licensee's on-site performance was acceptable to protect the health and safety of the public. Each state agency and local government which participated was provided an opportunity to comment on performance during the exercise.

3. PILGRIM

The licensee conducted the second (and final) phase of the Shutdown from Outside the Control Room demonstration on October 13, 1989. The test successfully demonstrated the licensee's ability to place the plant in cold shutdown using the alternate shutdown panels outside the control room. The plant will remain in cold shutdown for about 18 days for a mini-outage in order to perform maintenance and surveillance.

The NRC Restart Staff is in extended shift coverage and will continue to monitor the licensee's performance.

4. MILLSTONE 2 ALLEGATION FOLLOWUP INSPECTION RESULTS

On October 11, 1989, the NRC issued inspection report 50-336/89-13 concerning a series of allegations made over the past two years by three

Millstone Unit 2 employees. These allegations concerned a number of safety and regulatory issues as perceived by the allegers which had not been properly resolved by the Northeast Utilities management. The allegers were interviewed by the NRC over a three day period in June 1989 to further define and clarify the allegations and these interviews were transcribed. A seven person team performed an inspection at Millstone Unit 2 July 10-21, 1989 to resolve technical issues raised by the allegers. Allegations of harassment and intimidation (H&I) had been previously referred to the Department of Labor for action and they were also referred to the NRC's Office of Investigation for possible NRC followup. H&I allegations were not considered by the technical inspection team.

There were 130 separate allegations of which 18 were beyond the scope of the inspection. Since some allegations were duplicate, 77 separate issues were inspected. The inspection substantiated 34, and partially substantiated 24 allegations. Fourteen allegations were unsubstantiated and three were indeterminate.

Some of the substantiated issues resulted in five violations which deal with 1) multiple examples of failure to follow procedures 2) lack of seismic documentation for an electrical conduit run 3) technicians using outdated drawings 4) failure to functionally test a radiation monitor alarm and 5) improper control of overtime. None of the violations, either singularly or collectively, represented a major safety issue. The licensee was criticized for failure to take a pro-active stand concerning the allegations, and the allegers were criticized for failing to make use of the licensee's corrective action systems. The team concluded that future allegations of this nature should be referred to the licensee for disposition, and the NRC should do periodic followup of the adequacy of licensee actions.

Since the allegers provided the news media with their allegations earlier in 1989, there was considerable interest by the news media regarding the NRC inspection results. Articles appeared in the Hartford Courant, the New Haven Register, and the New London Day with quotes from the alleger, the licensee, and the NRC. The licensee expressed satisfaction with the report stating they would take corrective actions. The allegers expressed some dissatisfaction with the outcome in that they thought the NRC should have taken more forceful action with the licensee.

Region II Items of Interest Week Ending October 20, 1989

1. INPO Nuclear Plant Management Course

The Regional Administrator participated in the INPO senior nuclear plant management course conducted at HQs on October 16.

2. Enforcement Conference - VEPCO

On October 17, representatives of Virginia Electric and Power Company were in the Region II Office to attend an Enforcement Conference regarding maintenance-related corrective action problems and radiation area access control problems at their Surry Nuclear Power Station.

CP&L Management Meeting

On October 17, representatives of the Carolina Power and Light Company were in Region II to attend an Management Meeting regarding their nuclear prioritization program and certification of their Brunswick simulator.

4. Florida Power Corporation

On October 18, the Regional Administrator and selected members of the Region II and NRR staffs were at the Crystal River Nuclear Power Station to review plant operations, configuration management control, and various electrical issues.

5. Duke Power Company

On October 20, the Regional Administrator met with the Vice President, Nuclear Production, Duke Power Company, to discuss issues pertaining to the operation of Duke Power Company nuclear facilities. Representatives of the Duke Power Company were also in the Region II Office to attend an Enforcement Conference regarding recent problems associated with the control room ventilation system and the annulus ventilation systems at their McGuire Nuclear Power Station.

6. Enforcement Conference - Hospital de Damas

On October 20, the Director, Division of Radiation Safety and Safeguards, and selected members of the Region II staff were at Hospital de Damas in Ponce, Puerto Rico to attend an Enforcement Conference regarding radiological safety problems identified during an inspection conducted on August 30 and 31, 1989.

Region III Items of Interest Week Ending October 20, 1989

1. Zion Nuclear Plant

On October 17, 1989, Carl J. Paperiello, Deputy Regional Administrator, H. J. Miller, Director, Division of Reactor Safety, and members of the Region III staff, toured the Zion Nuclear Plant along with T. J. Maiman, Vice President of PWR Operations for Commonwealth Edison Company. After the tour, a meeting was conducted with the licensee, in which the licensee described performance improvement programs they had initiated and were implementing. These programs were addressed towards improving operator morale, improving staff accountability and overall improvements in the area of plant maintenance.

2. Uniroyal Goodrich Tire Co.

Mr. Charles E. Norelius, Director, Division of Radiation Safety and Safeguards, and members of the Region III staff met with licensee management representatives on October 17, 1989, to discuss NRC findings during a special inspection, enforcement options available, and the licensee's corrective actions. The special inspection resulted from the reported loss of two gauges containing about 12 millicuries of Sr-90 each (one was subsequently recovered). An in depth review of the program identified several violations. Enforcement action is pending.

3. Quad Cities

On October 18, 1989, Mr. T. O. Martin, Deputy Director, Division of Reactor Safety, and members of his staff met with representatives of Commonwealth Edison Company for the exit meeting on the Maintenance Team Inspection that had just been completed at the Quad Cities facilities.

4. Midwest Nuclear Training Association

On October 17, 1989, Mr. T. M. Burdick, Chief, Operator Licensing Section 1, Region III, gave a presentation at the annual Midwest Nuclear Training Association instructor workshop in Columbus, Ohio. Subjects covered included recent NRC initiatives, requalification program evaluations and 10 CFR 55 concerns.

5. Zion Nuclear Power Station

On October 6, 1989, the licensee began an investigation of potential tampering of a printed test circuitboard. The licensee expanded their investigation on October 12, 1989, to include potential tampering with a vent screw on a steam generator wide range level transmitter, which was found loose. The vent screw was located near the same area where the circuitboard was found. It was later determined by laboratory analysis that the circuitboard had been cut by sidecutters and that maintenance work had been recently performed on the vent screw. The licensee has

conducted several interviews of individuals in the area during the time of the event. The licensee is continuing its investigation. A Region III security inspector is also involved.

6. LaSalle Nuclear Power Station

Resident inspectors observed the restart of Unit 2 following a maintenance outage swap-out of the main generator rotor, and an extensive investigation by the licensee of scram anomalies observed August 16, 1989.

7. Monticello Nuclear Generating Station

The licensee identified a single failure concern regarding a degraded condition of an Emergency Diesel Generator during a LOCA with a loss of off-site power. This undervoltage or underfrequency condition may prevent certain safety related equipment from functioning and may also prevent the Low Pressure Coolant Injection (LPCI) system swing bus from transferring to an alternate power supply. The licensee plans to resolve this situation, which appears to be generic to other BWRs with the GE swing bus design. NRR has been informed of this issue.

In response to NRC concerns regarding the failure of a secondary containment integrity test at the Duane Arnold plant, the Monticello plant conducted similar tests to verify the integrity of their secondary containment. With the plenum exhaust fans secured, the vacuum in the reactor building failed to reach the Tech Spec required 0.25 inches water vacuum. The licensee is investigating this event and has initiated actions to resolve the testing deficiencies and repair leaks in the secondary containment system.

8. Dresden and Quad Cities Nuclear Power Stations

In response to problems at Monticello and Duane Arnold regarding secondary containment and its testing, the Dresden and Quad Cities resident inspectors have reviewed the ventilation system to Standby Gas Treatment (SBGT) system interaction. So far, this review has found that when SBGT is activated, normal ventilation is automatically isolated, which prevents undesirable interaction between systems.

9. Dresden and Quad Cities Nuclear Power Stations

Commonwealth Edison reported a potential failure of an emergency diesel generator voltage regulator which would prevent LPCI injection during a LOCA combined with loss of offsite power. This problem was originally identified by Monticello. Regional staff and resident inspectors reviewed the implementation of interim corrective actions and an analysis of the potential for this failure to occur. The analysis presented an extremely low probability for this event.

Region IV Items of Interest Week Ending October 20, 1989

1. Homestake Meeting

On October 17, 1989, a ground-water meeting was held with Homestake to discuss point of compliance well locations and the appropriate type of corrective action for the site.

Region V Items of Interest Week Ending October 20, 1989

1. San Francisco Area Earthquake Update

There continue to be numerous earthquake aftershocks, reported to be about 1400. They have varied in size with a few measured at 5 on the Richter Scale. There has been no reported damage to any of the power, test and research reactors as a result of the aftershocks. Region V contacted the larger NRC materials licensees in the area and one reported a very minor spill (microcuries of P-32) in a hood. All others reported no radiological problems associated with the licensed material as the result of the large earthquake. The State of California reported to Region V that a check with 12 of the 13 state licensees in the area disclosed no radiological problems occurred or incidents reported resulting from the earthquake. The thirteenth licensee has a type "B" license which has a limited possession limit.

2. Sacramento Municipal Utility District (Rancho Seco)

Rancho Seco entered the refueling mode of operation on October 14, 1989, by commencing detentioning of the reactor vessel head. Detentioning was completed on October 18, 1989. The licensee's present schedule is to remove the fuel from the reactor vessel during the period of November 15-22, 1989.

NRR MEETING NOTICES

ADDI TCANT/

October 20, 1989

. 198	DATE/TIME	NUMBER	LOCATION	PURPOSE	ATTENDEES	NRR CONTACT
99	10/25/89 9:00-12:00 1:00-3:00 (50-267 if needed)	White Flint Bldg. Room 108-13	Discuss Fort St. Vrain Defueling.	NRC/PSC	K. Heitner
	10/25/89 1:00		White Flint Bldg. Room 6B-11	Discuss the status of current equipment quali-fication issues.	NRC/NUGEQ	C. McCracken
	10/25/89 10:30	50-387/ 388	White Flint Bldg. Room 13B-9	PP&L response to NRC Question on CO ₂ Testing.	NRC/NUMARC	M. Thadani
	10/25/89 1:00-4:00	50-267	White Flint 31dg. Room 10B-11	Discuss Fort St. Vrain in Gas Cooled Reactor Research.	NRC/DGE/ PSC	K. Heitner
	10/26/89 1:00-4:30	50-327/ 328	White Flint Bldg. Room 68-11	TVA will present information on its proposed deferment of work committed for the Cycle 4 refueling outages.	NRC/TVA	J. Donohew

^{*} 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.

NRR MEETING NOTICES

October 20, 1989

0. 198	DATE/TIME	NUMBER	LOCATION	PURPOSE	APPLICANT/ ATTENDEES	NRR CONTACT
9	10/31/89 8:30-4:00	50-321/ 366/424	Vogtle Electric Generating Plant Waynesboro, Georgia	Discuss the status of current licensing activities and corporate initiatives for Georgia Power's Vogtle and Hatch plants.	NRC/GPC	T. Reed
	10/31/89 1:00		White Flint Bldg. 148-13	Discuss the status of current equipment qualification issues.	NRC/NUGEQ	C. McCracken
	11/01/89 8:00-11:00	50-302	White Flint Bldg. Room 14B-11	Discuss licensee's detailed review of GR-3 electrical systems.	NRC/FPC	H. Silver
	11/2/89 8:30-5:00		White Flint Bldg. Room 8B-11	First in a series of working meetings on proposed long term corrective actions indicated in NRC Bulletin 88-07 Supplement 1.	NRC/BWROG/ ORNL	H. Richings
ENG	11/2/89 9:00-5:00 11/3/89 8:30-5:90	50-275/ 323	Room 271 One California St. San Francisco, CA	Discuss Soil-Structure (SSI) Panel questions and audit selected SSI calculations, Diablo Canyon Long term seismic program.	NRC/PG&E	H. Rood
ENCLOSURE Q	11/2/89 9:00	50-247	White Flint Bldg. Room 14B-13	Discuss results of SG tube inspection and loose parts management in SG secondary side.	NRC/CE	D. Brinkman

ENCLOSURE Q

NRR MEETING NOTICES

October 20, 1989

198	DATE/TIME	NUMBER	LOCATION	PURPOSE	ATTENDEES	MRR CONTACT
9	11/14/89 1:00	50-247	White Flint Bldg. Room 14B-11	Discuss new simulator for Indian Point Unit 2 including plans and oranization.	NRC/CE	D. Brinkman

None

NMSS MEETING NOTICES

FOR THE WEEK ENDING: October 20, 1989

DIVISION OF SAFEGUARDS AND TRANSPORTATION

DATE	DOCKET NUMBER	LOCATION	PURPOSE	ATTENDEES/ AFPLICANT	NRC CONTACT
11/4-18		Vienna, Austria	To participate in annual review of IAEA proposed task for U.S. support program. (week 1) To participate in IAEA seminar on Safeguards Information treatment.	C. Emeigh	C. Emeigh
11/14		Atlanta, GA	Presentation on State & Tribal Emergency Response Survey	Southern States Energy Board Advisory Comm. o Radioactive Material Transportation	
11/28-30		Hyatt Regenc; Bethesda Bethesda, MD	Security Training Symposium "Firearms & Explosives Recognition & Detection"	NRC DOE CIA FBI Licensees	P. Dwyer
ENC		DIVISIO	N OF HIGH-LEVEL WASTE MANAGEMENT		
ENCLOSURE Q	DOCKET NUMBER	LOCATION	PURPOSE	ATTENDEES/ APPLICANT	NRC CONTACT

остовек		DIVISION OF IND	USTRIAL AND MEDICAL NUCLEAR SAF	ETY	
20 DATE	DOCKET NUMBER	LOCATION	PURPOSE	ATTENDEES/ APPLICANT	NRC CONTACT
₹10/25 11:00 a.m.	70-143	OWFN, 6-B 7	To discuss topics on NFS decommissioning activities on plutonium facilities	L. Rouse S. Soong G. Gunderson D. Booth, NFS J. Kirkpatrick, NFS	S. Soong
10/30 1:00-3:00 p.m.		OWFN, 6-8 13	Meeting with Dow Chemical to present plans for rad waste disposal in Dow's RCRA site	L. Rouse J. Swift D. Sollenberger D. Widmayer Dow Chemical Reps	G. LaRoche
10/31-11/12	M-32	West Valley, NY	To observe cold vitrification run at West Valley Demonstration Project	D. Hurt R. Weller M. Lee W. Bixby, DOE/WVPO DOE/RW, NE, & DP Reps	D. Hurt
11/01		Lawrence Livermore Nat'l Laboratory Livermore, CA	To Discuss VEPCO's Surry license amendment application and GNSI CASTOR X dry storage cask design review	J. Joberts P. Paquin, GNSI M. Smith, VEPCO	J. Roberts
11/6-7 ENCLOSURE	M-32	OWFN 4-B 11	Meeting with West Valley Demonstration Project re: seismic analysis and LLW disposal	D. Hurt J. Kane W. Bixby, DOW/WVPO Dames & Moore Reps West Valley Nuclear Services Reps	D. Hurt
11/27		San Francisco, CA	ANS Winter Meeting/Topical Meeting "Safety Margins in Criticality Safety"	D. McCaughey	D. McCaughey

OCTOBER 20, 1989

DIVISION OF LOW-LEVEL WASTE MANAGEMENT AND DECOMMISSIONING

DATE	DOCKET NUMBER	LOCATION	PURPOSE	ATTENDEES/ APPLICANT	NRC CONTACT
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	Attendance at DOE annual states/tribes meeting for the UMTRA program	D. Gillen M. Fliegel	D. Gillen
10/24-30		Richland, WA	Meet with US Ecology, license for Richland LLW Facility and WA State Officials	M. Dunkelman R. MacDougall J. Shafrner	M. Dunkelman R. MacDougall

RES MEETING NOTICES

2000	Date/Time	Location	<u>Purpose</u> <u>Division of Regulatory Applications</u>	Attendees	Phone Number
	11/14-15/89	Holiday Inn Inner Harbor Baltimore, MD	Public Workshop on Conversion to the Metric System		Z. Rosztoczy 492-3760
	11/13-14/89	Sheraton Reston Hotel, Reston, VA	Division of Safety Issue Resolution Public Workshop on Technical and Policy Considerations for Nuclear Power Plant License Renewal Division of Systems Research		D. Cleary 492-3936
	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

OFFICE FOR ANALYSIS AND EVALUATION OF OPERATINAL DATA MEETINGS

Week Ending: October 20, 1989

Date	Location	Purpose	Attendees/Applicant	NRC Contact
10/23	Washington, DC FEMA	FRPCC Subcommittee on Federal Response	AEOD	Tom McKenna
10/24-26	ттс	DRSS Division Director Radiation Safety Meeting	Regions, NMSS, NRR, OE	Ken Raglin
10/25	Washington, DC Hall of States	FRPCC Meeting	AEOD, NRR, other Federal agencies	Jack Heltemes
11/1	MNBB	Emergency Response Exercise with Brown's Ferry	RII, NRC, Head- quarters Response Team and licensee (TVA)	Doug Collins
11/5-17	Palo Verde Site	Palo Verde Diagnostic Evaluation	AEOD	Marty Virgilio Stu Rubin
11/14-16	RIV	ERC Workshop	AEOD, Regions, Congressional Affairs, SLITP, NRR	Gary Zech

RI MEETING NOTICES

DATE/TIME	DOCKET NUMBER	LOCATION	PURPOSE	ATTENDEES/ APPLICANT	MRC CONTACT
10/31/89 2:00 p.m.	50-387 50-388	RI Office	Systematic Assessment of Licensee Performance Management Meeting	NRC/PP&L	P. Swetland
11/01/89 10:00 a.m.	50-309	RI Office	Management Meeting to discuss Radiation Protection Improvement Plan	NRC/MYAPC	E. McCabe

Ebneter

Fbneter

and selected Staff Members

RA. DRA. Div. Dirs. and

Same as above

Branch Chiefs

10:00pm

11/14/89

10:00am

11/15-17/89

RII Office

Marriott Hotel

Chattanooga, TN

Attendees/ Docket NRC Contact Applicant Purpose Number Location Date/Time **Fhneter** Licensee, Regional **Enforcement Conference** RII Office 10/25/89 Administrator and SCEAG - Operator at 1:00 pm selected RII Staff the Summer Facility Members Licensee, Regional Admin. **Fbneter** SALP Presentation Miami, FL 10/26/89 and selected RII Staff FPL - Turkey Point 9:00 am Members facility **Fbneter** SALP Presentation Same as above Columbia, AL 10/30/89 APC - Farley facility 10:00 am Selected Regional Staff Stohr Chattanooga, TN Full Scale Exercise -11/01/89 Members Browns Ferry Chairman, Tech. Asst. Carr Chairman Carr at the 11/08/89 Columbia. AL and Regional Administrator Farley facility for site familiarization Licensee, Act. DRA, and Gibson **Enforcement Conference** RII Office 9:00 & selected RII staff **Guke Power Company -**1:00pm Catawba and Oconee Licensee, Operators, RA. Ebneter Presentation of Certi-Raleigh, NC DM and selected RII staff ficates to Harris Operators Licensee, Regional Admin. Fhneter SALP Presentation Southport, NC 11/09/89

CPAI - Brunswick

SCE&G - Summer

Management Meeting

RII Management Petreat

Region II Meeting Notice

0		nt.	EGION III MEETING MOTICES		
OCTOBER 20.	DOCKET NUMBER	DATE/TIME	LOCATION	PURPOSE	REGION III CONTACT
1989 Perry	50-440	October 26 1:00 p.m.	Region III Office	Periodic Management Meeting to discuss recent plant performance	C. Paperiello
Point Beach	50-266/301	October 30	Corporate Office Milwaukee, Wisconsin	Management Meeting with CEO and President to discuss recent performance and communications between the licensee and NRC	B. Davis
University of Cincinnati	34-06903-05	November 1 10:00 a.m.	Region III Office	Management Meeting	B. Mallett

RIV MEETINGS SCHEDULED

OCTOBER 20, 1989	RIV MEETINGS SCHEDULED							
	October 20, 1989 DOCKET NUMBER		LOCATION	PURPOSE	APPLICANT ATTENDEES	RIV CONTACT		
	10/24/89 10:00	50-382	RIV Office	Enforcement conference to discuss 3 instances of operating danger tagged valves; surveillance testing of a main steam safety valve.	LP&L Mgmt.	DChamberlain		
	11/36/89 9:00		URF9	To discuss Bear Creek Mill Reclamation Plan.	RMedlock, RCoppin	EHawkins		

ENCLOSURE Q

REGION V MEETING NOTICES

Time Frame (11/06/89 - 11/24/89)

DATE/TIME	DOCKET NUMBER	LOCATION	PURPOSE	ATTENDEES/ APPLICANT	NRC CONTACT
11/6-9/89		Region III	J. B. Martin participating in an NRC Regulatory Impact Survey	Staff from other regions	J. Martin
11/13/89		Region V	Palo Verde SALP Board Meeting (Internal NRC)	RV and NRR Staff	S. Richards
11/14-15/89		Region V	Counterpart Meeting Regional	Regions, MRR	R. Zimmerman