

October 18, 1989

For: The Commissioners

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

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING OCTOBER 13, 1989

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

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*No input this week.

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HIGHLIGHTS OF WEEKLY INFORMATION REPORT

WEEK ENDING OCTOBER 13, 1989

Louisiana Energy Services (LES)

The staff met on October 11, 1989 with Louisiana Energy Services (LES), which plans to submit an application for a gas centrifuge uranium enrichment plant by late 1990, for further discussions on licensing issues. These issues included the applicability of Regulatory Guides, LES' plan for developing meteorological information, nuclear criticality design bases, LES' certification of design information provided by the parent of its Urenco partner from Europe, and issuance of an operating license considering the semi-continuous completion of the centrifuge cascades. In addition, Peter Loysen discussed his impressions of the Urenco facilities in Gronau, Federal Republic of Germany and Almelo, The Netherlands, which he, Robert Bernero, and Richard Cunningham visited on September 29, 1989.

Michigan Identifies Three Counties As Potential LLW Disposal Sites

The Michigan Low-Level Radioactive Waste Authority identified areas in St. Clair, Lenawee and Ontonogon Counties as potential sites for a LLW disposal facility. Three specific candidate sites are to be selected by January 1990. A final site will be selected after a 12-18 month site characterization process. Coincident with the selection of these candidate areas, Michigan also indicated that it will seek NRC Agreement State status.

Pilgrim Emergency Preparedness Exercise

On October 12, 1989, a full participation, emergency preparedness exercise was conducted at the Pilgrim Nuclear Power Station. An NRC team was present to observe both onsite (licensee) and offsite (state and local government) response activities. The NRC observation team included the Region I Administrator, the Director, NRR Division of Radiation Protection and Emergency Preparedness, as well as other personnel from Regions I, II and V, NRR and an NRC contractor.

Exports

Safety Light Corporation submitted two license applications for the export of 600,000 curies dispersed tritium contained in self-luminous devices over a 3-year period to all destinations except embargoed destinations and 45,000 curies of dispersed tritium contained in airfield markers over a 3-year period to all destinations except embargoed destinations.

Office of Nuclear Reactor Regulation
Items of Interest
Week Ending October 13, 1989

Watts Bar Nuclear Plant, Units 1 and 2

On September 22, 1989, Tennessee Valley Authority (TVA) announced the selection of Mr. John A. Scalice as plant manager at Watts Bar Nuclear Plant. Mr. Scalice will start with TVA on October 23, 1989 and will report to Vice President of New Projects, Mr. R. Wilson.

Mr. Scalice has spent 19 years with the Long Island Lighting Company and is currently plant manager of Shoreham Nuclear Plant. Prior to being named Plant Manager at Shoreham, he served as Assistant Plant Manager, Operations Manager, Reactor Engineer, Performance and Compliance Section Head, and as a Lead Startup Engineer and Assistant Project Engineer. He will replace Mr. Sandy Hastie, a loaned manager from the Institute of Nuclear Power Operations who has been Watts Bar's interim plant manager. Mr. Hastie will work with Mr. Scalice for the next several months.

Update on Leaking S/G Plugs at Haddam Neck

Several leaking Westinghouse mechanical plugs recently found at Haddam Neck had only been in service for 468 days compared to their Primary Water Stress Corrosion Cracking (PWSCC) lifetime of 884 days as estimated from the Westinghouse algorithm. All leaking plugs at Haddam Neck were from heat NX-3513 which was one of the four heats addressed by Bulletin 89-01.

The occurrence of PWSCC and leakage in plugs prior to reaching their "PWSCC lifetime" (as determined from the Westinghouse algorithm) is not unique to Haddam Neck. This situation occurred previously in August 1988 at Palisades where the S/G tube diameter is comparable to that Haddam Neck. The Palisades plugs were removed from the field and found to contain mainly axial cracks with some relatively short circumferential cracks.

It is important to note that the Westinghouse algorithm is intended to yield conservative time-to-complete-plug-failure (e.g., North Anna 1) estimates based on actual field data. The algorithm does not bound the field data in terms of yielding conservative estimates of initial plug leakage from short cracks.

The licensee does not plan to remove a sample of the leaking tubes for laboratory examination. Thus, it is not possible to determine whether the leaking plugs at Haddam Neck performed in a manner consistent with the Westinghouse algorithm. This does not pose a safety concern, however, since the licensee is currently implementing repairs for all hot leg plugs fabricated from highly susceptible heats pursuant to Bulletin 89-01. With regard to other plants with plugs from heat NX-3513, remedial actions have or will shortly be implemented at most plants. For the remaining plants still operating with plugs from this heat, the staff concludes that all have conditions which provide adequate justification for operating to the next refueling outage when remedial actions will be implemented pursuant to the bulletin.

Generic Communications Branch (GCB)

During June 1989, NRR initiated operation of an electronic mail system to distribute electronically the text of NRC generic communications (information notices, bulletins, and generic letters) upon issuance. This system also allows access to the text of previously issued NRC generic communications. As part of its initial pilot program, NRR included in the current data base the text of NRC generic communications issued since January 1987. NRR has subsequently expanded the capabilities of this system to permit on-line access to the Proposed Generic Communications Tracking System. In addition, NRR is continuing to further expand the system to include on-line access to other forms of operational safety data (for example, the Generic Communications Index), as well as the text of NRC generic communications issued prior to January, 1987. This system utilizes an existing NRC mainframe computer (the Data General MV8000); therefore, it is readily available for NRC use. NRC staff can obtain access to the MV8000 by completing NRC Form 380. Additional information regarding access to the electronic mail system can be obtained (after access to the MV8000 has been obtained) from GCB.

During the past several months, approximately 12 select industry representatives have participated in a pilot program to demonstrate the effectiveness of this electronic mail system. GCB has received a number of additional requests from industry representatives for access to this system, but since the pilot program participation was limited to the current authorized number of system accounts, GCB has established an access waiting list. To date, the feedback that has been received from the pilot program participants has been very positive. The pilot program participants have highlighted the usefulness of having a system that allows for faster, less formal, distribution of NRC generic communications, the ease of access to the system, and the usefulness of access to the Proposed Generic Communications Tracking System. The trial program participants have also indicated a strong desire to see this system expanded and made permanent.

NRR will continue to collect and review feedback on this system from the trial program participants. In addition, NRR is preparing to request an increase in the number of system accounts so that additional non-NRC participants can be given access to this system.

Office of Nuclear Material Safety and Safeguards
Items of Interest
Week Ending October 13, 1989

SAFEGUARDS

International

Safeguards Termination Criteria for Waste

During the week of October 9, 1989, a member of the International Safeguards Branch participated in a consultants meeting in Vienna, Austria dealing with safeguards termination criteria for waste. The purpose of the meeting was to develop criteria that can be utilized by the International Atomic Energy Agency (IAEA) for determining when safeguards can be terminated on waste from various types of fuel cycle facilities. Proposed criteria will be evaluated at a future advisory group meeting prior to recommendation to the IAEA.

Domestic

Physical Security Drawing Update

The Division of Safeguards and Transportation has requested each Category 1 fuel facility licensee to provide detailed site drawings and schematics. The purpose of this request is to provide additional in-house information in support of the performance-oriented Comparability Upgrade Program, the NRC Operations Center, and each Regional office. The total package will be accumulated over the next year as the final comparability measures are implemented to assure the information is complete.

INDUSTRIAL AND MEDICAL NUCLEAR SAFETY

Fuel Cycle Safety

Louisiana Energy Services (LES)

The staff met on October 11, 1989 with Louisiana Energy Services (LES), which plans to submit an application for a gas centrifuge uranium enrichment plant by late 1990, for further discussions on licensing issues. These issues included the applicability of Regulatory Guides, LES' plan for developing meteorological information, nuclear criticality design bases, LES' certification of design information provided by the parent of its Urenco partner from Europe, and issuance of an operating license considering the semi-continuous completion of the centrifuge cascades. In addition, Peter Loysen discussed his impressions of the Urenco facilities in Gronau, Federal Republic of Germany and Almelo, The Netherlands, which he, Robert Bernero, and Richard Cunningham visited on September 29, 1989.

LOW-LEVEL WASTE MANAGEMENT

Delay of BRC Petition

On October 8, 1989, a representative of the Nuclear Management Resources Council (NUMARC) called to inform the staff that the submittal of their Below

Regulatory Concern (BRC) petition will be delayed. The NUMARC representative indicated that the submittal of their petition may be delayed at least ten days. Due to this delay, NUMARC has also canceled an October 13, 1989 meeting with the NRC staff, which was originally scheduled to provide an overview of the petition.

HIGH-LEVEL WASTE MANAGEMENT

High-Level Waste Technical Exchange on the Exploratory Shaft Facility

On October 4, 1989 staff from the Division of High-Level Waste Management (HLWM) held a technical exchange with representatives from the U. S. Department of Energy (DOE) and the State of Nevada. The purpose of the exchange was to discuss the identification of 10 CFR Part 60 requirements that could impact the design of the Exploratory Shaft Facility (ESF). In particular, the discussions centered on the eleven 10 CFR Part 60 requirements previously identified by the HLWM staff in the Site Characterization Analysis.

Office of Nuclear Regulatory Research
Items of Interest
Week Ending October 13, 1989

Prevention of Damage to Reactor Cores

RELAP5 and TRAC-BWR Models

RES is developing RELAP5 and TRAC-BWR models of plants modeled by NRC's Technical Training Center (TTC) simulators. Transient analysis performed with these codes will be compared with TTC simulator event responses to identify possible simulator limitations. The first of these plant models, for the SNUPPS simulator, has been completed and validated at 100% power steady state operation. Nine transients have been recommended by the contractor for consideration by NRC. Discussions with AEOD staff, RES staff, and the contractor are planned with the expectation that a final selection of four or more transients will be agreed upon for analysis and comparison with simulator response.

2D/3D Test Series Completion

The FRG has just completed its series of 30 tests in the Upper Plenum Test Facility (UPTF) as planned under the 2D/3D Program. These tests were mainly for investigating the refill and reflood processes of a large-break loss-of-coolant accident (LOCA) in a PWR. However, the series also included some tests on fluid mixing for pressurized thermal shock (PTS) investigation and some tests on steam-water countercurrent flow phenomena in a hot leg for small-break LOCA investigation.

As the original LOCA objectives have been accomplished, the FRG has proposed to extend the UPTF utilization to the accident management area. The FRG representatives are planning to make a presentation on the UPTF follow-on program to the NRC staff and contractors on October 27, 1989.

Containment Performance and Protection from Radiation

The International Workshop on New Developments in Occupational Dose Control and ALARA Implementation at Nuclear Power Plants and Similar Facilities

The International Workshop on New Developments in Occupational Dose Control and ALARA Implementation at Nuclear Power Plants and Similar Facilities held at Brookhaven National Laboratory, Upton, NY, September 18-21, 1989 appeared to be well received by the 117 participants from 11 countries. The countries represented include: Canada, Finland, France, Germany, Italy, Japan, Luxembourg, Sweden, Switzerland, United Kingdom, and the United States. In addition, 12 individuals from the U.S. Nuclear Regulatory Commission and 14 from the U.S. Department of Energy and DOE Contractors were in attendance. A review of the presentations, papers, and discussion summaries has uncovered several new and innovative developments in ALARA.

Among the topics discussed at the meeting were: (1) effects of PWR water chemistry control on worker dose, (2) descriptions of system decontamination techniques and results of several demonstrations, (3) training programs for dose control and decontamination, (4) utilization of computer systems such as graphic display of dose levels, (5) new ultra filtration techniques for primary water cleanup, and (6) improved computation data for assessing ALARA effectiveness.

The new on-line information system on ALARA, developed by BNL under the aegis of the NRC, was demonstrated at the workshop and presented to the Agency. The information system contains data from 92 nuclear plants from the OECD group of countries. This system was much appreciated and may be adopted as the primary system for the Nuclear Energy Agency's data base on dose reduction.

Much of the information exchanged at the meeting can be used by the NRC licensing and inspection staff in assessing ALARA programs at U.S. nuclear plants.

Office for Analysis and Evaluation of Operational Data
Items of Interest
Week Ending October 13, 1989

Division of Operational Assessment (DOA)

A set of two nuclear plant analyzer exercises were conducted in Region III on October 11 and 12, 1989. The purpose of these exercises was to provide regional Reactor Safety Team and Protective Measures Team members a challenging scenario for technical training.

On October 13, 1989, the Arkansas Nuclear One (ANO) Diagnostic Evaluation Team (DET) manager briefed the NRR Deputy Director, the Region IV Administrator, and the Acting Executive Director for Operations and their staff on the preliminary results of the evaluation. The final exit meeting with the licensee has been scheduled for October 18, at the AP&L corporate offices in Little Rock, Arkansas. Preparation of the ANO DET report is continuing.

During the period October 10-13 preparation for the initial meeting of the Palo Verde DET were finalized. The team meeting has been scheduled for October 16 - 17, and will include background briefings by regional and headquarters staff in the areas of management, organization, programmatic initiatives, and performance.

Division of Safety Programs (DSP)

A Technical Review report, AEOD/T915, "EDG Ground Fault Detection and Trip at Perry Unit," was issued on September 25, 1989. The study dealt with a problem of design inadequacy of the unit's emergency diesel generators' high resistance ground protection scheme. The existing scheme would cause the trip of the EDG main output breaker should a ground fault occur in any of the feeder circuits. The review found this problem to be plant-specific, and determined that the corrective action by the licensee, which would provide both local and control room alarms instead of the output breaker trip, to be adequate.

A Technical Review report, AEOD/T919, "Failure of Overcurrent Protective Device at Palisades Unit 1," was issued on September 29, 1989. This study was initiated by a repetitive problem of overcurrent relay trip of the service water pumps at the station. Between February 1988 and November 1988, the three service water pumps at Palisades tripped five times on overcurrent. The cause of the trips was determined to be due to modifications done on the pump impellers which caused the pump motor to be overloaded. A review of operational experience identified several events involving overcurrent relay trips. However, based on the number of such devices at nuclear plants, the number of failures identified were not of serious concern. The report identifies the need for licensees to investigate the root cause of overcurrent device trips.

AEOD presented the maintenance effectiveness indicator work at a seminar for plant managers, coordinated by the Edison Electric Institute. This presentation was similar to the NRC Region seminars and other seminars (such as the ANS seminar which was held in New Orleans October 1-4).

The third Maintenance Indicator Demonstration Project meeting was held on October 13, 1989 in the MNBB in Bethesda, MD. Utility members reported on initial maintenance effectiveness as applied to their facilities.

Preliminary Notifications

The following Preliminary Notifications were issued during the past week.

- a. PNO-Y-89-59, Pacific Gas & Electric Company, (Diablo Canyon) Reactor Trip and Safety Injection from 100% Power Due to Instrumentation Problems.
- b. PNO-II-89-71, Carolina Power & Light Company, (Shearon Harris) Turbine Area Fire.
- c. PNO-I-89-82, Philadelphia Electric Company (Peach Bottom Unit 2) Docket No. 50-277, Unplanned Shutdown Greater Than 48 Hours.

Office of Governmental and Public Affairs
Items of Interest
Week Ending October 13, 1989

INTERNATIONAL PROGRAMS:

U.S.-Korea JSCNOET Meeting

The preparatory and the plenary sessions of the U.S.-Korea Joint Standing Committee on Nuclear and Other Energy Technologies were held at the Department of State October 2-3 and 6, respectively. R. Hauber and D. Chaney of GPA/IP represented NRC at the meetings. One of the more significant items discussed was a Korean proposal for expanded nuclear safety cooperation which asked NRC to:

- (a) provide technical assistance and advice for the development of an ROK system to regulate standardized nuclear power plants and waste disposal facilities and introduce a public hearing system and a possible license fee system,
- (b) exchange technical staff members with the Korean regulators, train ROK personnel at the Technical Training Center, and station an ROK "liaison officer" at HQ,
- (c) allow wider ROK participation in NRC-sponsored safety research and the exchange of information to support it, and
- (d) continue nuclear emergency cooperation. The staff agreed to provide comments on the proposal after more detailed review. In another development, all issues except for the intellectual property rights provisions were resolved on the renewal text of the NRC-Ministry of Science and Technology information exchange and cooperation arrangement. The ROK still hopes to be able to sign the renewal by year's end.

Foreign Visitors

On Wednesday Mr. Kurimochi and Mr. Yuri, from the science office of the Embassy of Japan, met with representatives from the Division of Safeguards, NMSS, to discuss NRC nuclear materials control and accountability requirements.

On Thursday Mr. Yokota, Manager of TEPCO's Washington Office, met with the NRR staff to learn about the NRC requirements for loose parts monitoring in power reactors.

Exports

Safety Light Corporation submitted two license applications for the export of 600,000 curies dispersed tritium contained in self-luminous devices over a 3-year period to all destinations except embargoed destinations and 45,000 curies of dispersed tritium contained in airfield markers over a 3-year period to all destinations except embargoed destinations.

Foreign Assignees

Masazumi Murayami, a foreign assignee from Japan, returned to the U.S. and began work with NRR/PRAB on October 10.

STATE, LOCAL AND INDIAN TRIBE PROGRAMS

Michigan Identifies Three Counties As Potential LLW Disposal Sites

The Michigan Low-Level Radioactive Waste Authority identified areas in St. Clair, Lenawee and Ontonogon Counties as potential sites for a LLW disposal facility. Three specific candidate sites are to be selected by January 1990. A final site will be selected after a 12-18 month site characterization process. Coincident with the selection of these candidate areas, Michigan also indicated that it will seek NRC Agreement State status.

All Agreement States Meeting

The 1989 All Agreement States Meeting was held on October 11-13, 1989 in Overland Park, Kansas. Carlton Kammerer, Director, SLITP, spoke on the Agreement States Program's accomplishments and challenges for the future. John Montgomery, Region IV Deputy Administrator, addressed the group on the recent task force report on State cost sharing of training. Dr. Carol Marcus from the Harbor UCLA Medical Center spoke on the problems and potential solutions in the area of medical quality assurance. A LLW panel of State and NRC participants discussed the recent SLITP LLW Regulatory Workshop; Greater Than Class C; below regulatory concern; and State experience in decommissioning a radium facility. A materials safety panel reviewed performance evaluation factors; explosive detectors; medical licensing; and new directions in enforcement. A panel on operational events reviewed NMSS's role in operational events; the Radiation Sterilizers, Inc. incident; radioactive material in sewage systems and Neutron Products, Inc. The panel also discussed the static eliminators incident; well logging incidents and the Mallinckrodt emergency drill. The SLITP State Agreements staff and the Regional State Agreements Officers held an interface meeting to review office policies and procedures and on the final day, a panel discussion on regulations was held.

New Jersey LLRW Disposal Facility Siting Board Meeting

Marie Miller, Region I State Liaison Officer, and John Starmer, Low-Level Waste Technical Branch, NMSS, attended the New Jersey Low Level Radioactive Waste Disposal Facility Siting Board meeting on October 12, 1989 in Princeton, New Jersey. The purpose of the meeting was to discuss LLW disposal facility siting criteria and site characteristics.

National Governors' Association Staff Meeting on LLW

Frederick Combs, Assistant Director for State, Local and Indian Relations, Paul Lohaus, Chief of the Operations Branch in LLWM, and Roland Lickus, Chief of Region III State and Government Affairs Staff, participated in a National Governors' Association (NGA) Staff Advisory Committee to the NGA Energy and Environment Committee meeting on low-level radioactive waste on October 12, 1989 in Chicago, Illinois. The purpose of the meeting was to discuss New York

Governor Mario Cuomo's proposal that the federal government assume responsibility for the disposal of Class B and C waste. Governor Cuomo's representative identified four issues: 1) the definition of LLW [that the federal government should assume authority of the disposal of Class B and C waste]; 2) title and liability; 3) BRC; and 4) import of foreign LLW. During the discussion, several States raised site proliferation as an additional issue.

Following discussion, the State attendees voted 12-7 not to raise any of these issues to the NGA for its consideration. The concern was that, although these issues may have merit, that their consideration would retard the ongoing siting process. The New York representative indicated that Governor Cuomo may continue to raise these issues at the NGA.

OCTOBER 13, 1989

Congressional Affairs

CONGRESSIONAL HEARINGS SCHEDULE (CA)

<u>OCA ASSIGNMENT</u>	<u>DATE</u>	<u>TIME</u>	<u>WITNESS</u>	<u>SUBJECT</u>	<u>COMMITTEE</u>
Gerke	10/12/89	9:30	Stello, Connelly, Fortuna, Hayes Malsch, Parler Rosenthal, Gawler	OIA Investigation	Subc on Oversight and Investigations House Interior and Insular Affairs
Gerke	10/17/89	9:30	Non-NRC	Regulatory Flexibility Act	Senate Small Business Committee
Madden/ Gerke	10/20/89	2:15	Remick, Williams	Confirmation Hearings for Commissioner and Inspector General	Senate Environment and Public Works
Combs	10/19/89	9:30	Non-NRC	Nuclear Waste	Senate Energy and Natural Resources

NOTE: The markup on October 24 of the Single Administrator bill by the Senate Environment and Public Works Committee has been postponed (no new date scheduled) so that the Committee can instead mark up the Clean Air Act.

ENCLOSURE E

Office of Administration
Items of Interest
Week Ending October 13, 1989

Significant FOIA Requests Received by the NRC
For 4-day Period of October 6, 1989 - October 12, 1989

Request for eight categories of records regarding testing of Seabrook operators scheduled to take place on or about December 11, 1989. (Leslie Greer, The Commonwealth of Massachusetts, FOIA-89-434)

Request for records relating to a May 16, 1989 letter from Charles Trammel regarding full-term operating license items for the San Onofre nuclear power plant. (James Riccio, Nuclear Information and Resource Service, FOIA-89-435)

Request for five categories of records relating to Fansteel, Inc., in Oklahoma. (Frank Thomas, Jr., of Morgan, Lewis & Bockius, FOIA-89-436)

Request for records related to possible presence of hazardous substances at the Uravan Uranium Mill Project site. (Karen Eisner-Enriquez of Nussbaum & Wald, FOIA-89-438)

Request for four categories of records related to the implementation of the Direct Torus Vent System at the Pilgrim nuclear power plant and its implications for other GE Mark I plants. (James Riccio, Nuclear Information and Resource Service, FOIA-89-439)

Request for a copy of an August 9, 1989 memorandum by James Partlow with the title, "One-System Does Not Meet the Safety Analysis Report." (Ophelia Williams, J/R/A Associates, FOIA-89-440)

Request for records related to the existence of liability insurance issued to four specified firms regarding three sites located in Maxey Flats, Kentucky, and Sheffield, Illinois. (Jeffrey Wagner of Latham & Watkins, FOIA-89-442)

Request for a copy of the successful proposal under contract NRC-39-88-169, related to solicitation RS-IRM-90-187. (Barbara Patterson, Independent Professionals, Inc., FOIA-89-444)

Request for records related to all Office of Special Project's Chronology of Events beginning in 1985 for the Comanche Peak nuclear power plant. (Linda Bauman of Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde, FOIA-89-445)

Referral from HHS of records relating to the Three Mile Island nuclear power plant. (David DeKok, FOIA-89-446)

Office of Information Resources Management
Items of Interest
Week Ending October 13, 1989

1. Federal Telecommunications System

NRC Headquarters and Region II will be part of the implementation of the new FTS 2000 on November 13, 1989. The changeover to FTS 2000 should be transparent to all users. Other NRC regional offices are to cut over to FTS 2000 during the period December 1989 - June 1990. Briefings on all of the services and features offered under FTS 2000 are being scheduled and an announcement will be published identifying times and places. Telecommunications Branch staff, the Director, Division of Computer and Telecommunications Services, and the Director, Office of Information Resources Management have already attended a demonstration of the FTS 2000/AT&T videoteleconferencing service at the FTS 2000 Network Control Center in Vienna, Va.

2. Decommissioning Records

IRM staff have communicated with the Regional Offices to ensure that they are aware of IRM's effort to develop a staff paper for the Commission on the management of decommissioning records and to obtain their input before submitting the paper to them for their review and concurrence. A draft paper will be provided to NMSS, NRR, and Regional contacts by the end of October. Absent any substantive changes, the paper should reach the EDO by the end of November.

Office of Personnel
Items of Interest
Week Ending October 13, 1989

Fall Marks Start of Recruiting Season

Frank Elizondo, NRC's Recruiting Officer, attended the Hispanic Engineering Organization Job Fair at the University of New Mexico on October 5-6; the National Career Center Fair in Hartford, Connecticut, on October 9; the 1989 Hispanic Engineering Career and EEO Job Fair in Houston, Texas, on October 13; the National Society of Black Engineers Regional Job Fair at Boston University on October 14; and the Society of Black Engineers and Society of Hispanic Professional Engineers Job Fair at Rensselaer Polytechnic Institute also October 14. The fall recruiting season is a vital part of NRC's effort to recruit professional technical personnel.

Interagency "Discovery Day" Ceremony and Luncheon Held

Hispanic Heritage Month was celebrated at a special ceremony and luncheon honoring public servants who received the 1989 Hispanic Employment Program Achievement Awards. Guest speaker Constance B. Newman, Director, Office of Personnel Management, and Colonel Gil Coronado, U.S. Air Force, Retired, were the keynote speakers. Frank Elizondo, one of three award recipients was joined by Chairman Carr, Paul Bird, Jim McDermott, and other NRC employees.

Arrivals

The following employee(s) reported this week:

John Wilcox, Operations Engineer (PFT), NRR
Stephanie Stewart, Word Processing Operator (PFT), RI
Lisa Hathorne, Mail & File Clerk (OPFT), RIII

Departures

Guila Ruiz, Secretary (PFT), NRR
Jonnie Martin, Legal Intern (PFT), OGC

Office of Enforcement
Items of Interest
Week Ending October 13, 1989

Civil Penalties Paid

Arizona Nuclear Power Project (Palo Verde) paid the civil penalty in the amount of \$250,000. The action was based on violations identified by an AIT investigation of the March 3, 1989 Unit 3 reactor trip, safety injection, and loss of non-class IE electrical power. (EA 89-88)

Northeast Nuclear Energy Company (Millstone Nuclear Generating Station) paid the civil penalty in the amount of \$25,000. The action was based on a failure to establish adequate procedures to prevent contamination to hydrolaze equipment via the hoses that ran into the reactor building during the hydrolaze operation and other violations associated with transportation requirements that resulted when this equipment was transported offsite after completion of the operation. (EA 89-124)

Brand X Perforators, Inc., Woodward, Oklahoma paid the imposed civil penalty in the amount of \$750. The action was based on violations involving failure to: perform source leak tests and inventories, establish a program for semiannual visual inspection and maintenance of equipment, perform surveys, comply with transportation requirements, calibrate instruments, maintain required records, and maintain a storage facility as described in the license. (EA 89-61)

Region I
Items of Interest
Week Ending October 13, 1989

1. Pilgrim Emergency Preparedness Exercise

On October 12, 1989, a full participation, emergency preparedness exercise was conducted at the Pilgrim Nuclear Power Station. An NRC team was present to observe both onsite (licensee) and offsite (state and local government) response activities. The NRC observation team included the Region I Administrator, the Director, NRR Division of Radiation Protection and Emergency Preparedness, as well as other personnel from Regions I, II and V, NRR and an NRC contractor.

Region II
Items of Interest
Week Ending October 13, 1989

Region II

1. Visit By Mexican National Nuclear Safety & Safeguards Commission

Four staff members of the Mexican National Nuclear Safety and Safeguards Commission, visited Region II to discuss Events Analysis, Operator Licensing, and Inspection of Nuclear Power Plants. The visitors also toured the Georgia Power Company's Plant Hatch.

2. Harris Incident

This is an update of the Turbine Area Fire that occurred at the Harris facility on October 9, 1989, and provides the results of Region II inspection effort.

Preliminary assessment indicates little damage to the main generator and the main transformer. The licensee and Westinghouse are presently performing a thorough inspection of the main generator. Repairs on the B phase main transformer (i.e., replacement of insulator bushings in the oil seal cavity) are expected to be completed by next week. The main generator's neutral transformer will have to be replaced and sections of the isophase bus ductwork between the main generator and the main transformer require repair. Additionally, limited inspection in this area has revealed a large section of bus bar (at least 8 feet) missing in the A phase.

NRC inspection indicates that the fire brigade and offsite firefighters performed well and limited the extent of damage. There is no evidence that any safety-related equipment was threatened. The licensee is continuing to investigate the root cause of the initiating fault.

3. Duke Power Company

The Regional Administrator and staff members attended an enforcement conference with Duke Power Company to discuss auxiliary feedwater problems at their Catawba facility.

4. VEPCO Emergency Preparedness Meeting

On October 11, representatives of VEPCO visited the Region II Office to discuss initiatives being under taken to improve their EP program corporate wide. Planned enhancements include a new corporate Emergency Operations Facility (EOF) to be located near Richmond while the current site EOF's are also maintained in active status.

Region III
Items of Interest
Week Ending October 13, 1989

1. Regulatory Impact Survey

The Regional Administrator, four senior NRC managers, and a technical assistant visited two Region IV utilities October 10-13, 1989, as part of a survey seeking the licensee's assessment of the impact of NRC activities on the operation of nuclear power plants. The assessment team previously visited Region V utilities.

2. LaSalle County Nuclear Power Plant

On October 10, 1989, the Deputy Regional Administrator, Director, Division of Reactor Safety, and other members of their staff met with representatives of the Commonwealth Edison Company to discuss the licensee's and NRC's Safety System Functional Inspection (SSFI) at LaSalle. The meeting was held to provide the licensee with the NRC's evaluation of their self-SSFI efforts. While Region III evaluation concluded that the licensee's SSFI's were adequate, opportunities for improvement were noted: (1) verification of design basis adequacy; and (2) verification of technical specification adequacy.

3. Monticello Nuclear Power Station

The Director, Division of Radiation Safety and Safeguards, and members of the Regional staff met October 10, 1989, with representatives of Northern States Power Company at the Monticello Nuclear Power Station for an Enforcement Conference. The meeting covered the findings from a recent security inspection and from an inspection covering a recent radiation exposure incident. The licensee also presented their corrective actions.

4. Fermi 2 Nuclear Power Plant

The Deputy Director, Division of Reactor Projects, members of the Region III staff, and a representative from NRR met with Detroit Edison Company on October 13, 1989, to discuss the current refueling outage, schedules and NRC commitments.

Region IV
Items of Interest
Week Ending October 13, 1989

1. Fire at Hunter Manufacturing, Inc.

The Region IV Duty Officer was informed on October 7, 1989, of a fire that had occurred three days earlier at the Hunter Manufacturing, Inc., facility in Pocatello, Idaho. The facility had one static eliminator containing 10 millicuries of polonium-210. The state obtained the services of two on-call health physicists from the Idaho National Engineering Laboratory, who surveyed the facility on October 8, 1989. They could not find the static eliminator nozzle due to the rubble from the fire and they could not detect any radioactive contamination. The state will continue the search as the debris is removed.

2. Meeting with American Nuclear Corporation

A ground-water meeting was held with American Nuclear Corporation on October 13, 1989, to discuss the results of an exploratory drilling program and its effect on the corrective action that is appropriate for the Gas Hills site in Wyoming.

Region V
Items of Interest
Week Ending October 13, 1989

1. Palo Verde Nuclear Generating Station

On October 10, 1989, the Regional Administrator met with the Arizona Nuclear Power Project Executive Vice President, Mr. W. Conway, to discuss the status of actions being taken to improve overall performance at Palo Verde and to discuss specific actions being taken to prepare for restart of Unit 3.

2. Federal Emergency Management Agency (FEMA) Region IX

The Director, DRSS, participated in an October 11, 1989, meeting between FEMA Region IX and the Camp Pendleton Marine Corps Base to resolve issues pertaining to the participation of the Marine Base in the emergency preparedness planning at San Onofre. The San Onofre site is located on the Marine Base property.

NRR MEETING NOTICES

October 13, 1989

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
10/16/89 1:00		White Flint Bldg. Room 16B-11	Clarifications of Mark I Netwell Venting Requirements.	NRC/BWROG	M. Thadani
10/17/89 1:30-3:30	50-269/ 270/287	White Flint Bldg. Room 14B-11	Discuss potential pump runout for the emergency feedwater pumps under specific emergency condi- tions and possible design correction to address the problem.	NRC/DPCo.	L. Wiens
10/25/89 9:00-12:00 1:00-3:00 (if needed)	50-267	White Flint Bldg. Room 10B-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/NLSEQ	C. McCracken
10/26/89 1:00-4:00	50-267	White Flint Bldg. Room 10B-11	Discuss Fort St. Vrain in Gas Cooled Reactor Research.	NRC/DOE/ PSC	K. Heitner

* 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 492-7400.

OCTOBER 13, 1989

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NRR MEETING NOTICES

October 13, 1989

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
10/26/89 1:00-4:30	50-327/ 328	White Flint Bldg. Room 6B-11	TVA will present information on its proposed deferment of work committed for the Cycle 4 refueling outages.	NRC/TVA	J. Donohew
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
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
11/2/89 9:00-5:00 11/3/89 8:30-5:00	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
11/2/89 10:00-3:00		White Flint Bldg. Room 10B-13	Discuss best-estimate LOCA/ECCS Methodology.	NRC/EPRI Westinghouse	Y. Hsif

OCTOBER 13, 1989

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NMSS MEETING NOTICESFOR THE WEEK ENDING:

October 13, 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>
10/18 8:30 a.m.	40-7580	OWFN, 10-B-13	Re: Status of Fansteel	L. Rouse J. Swift G. LaRocque EPA Region VI reps.	G. LaRoche
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

DIVISION OF SAFEGUARDS AND TRANSPORTATION

<u>DATE</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
11/28-30		Hyatt Regency Bethesda Bethesda, MD	Security Training Symposium "Firearms & Explosives Recognition & Detection"	NRC DOE CIA FBI Licensees	P. Dwyer

ENCLOSURE 0

DIVISION OF LOW-LEVEL WASTE MANAGEMENT AND DECOMMISSIONING

OCTOBER 13, 1989

<u>DATE</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/APPLICANT</u>	<u>NRC CONTACT</u>
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. Dunkelman R. Shewmaker	Ted 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	Attend DOE annual states/tribes meeting for the UMTRA program.	D. Gillen M. Fliegel	D. Gillen

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>
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None

ENCLOSURE 0

OCTOBER 13, 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>				
10/23-25/89	Holiday Inn Crowne Plaza Rockville, MD	17th Water Reactor Safety Information Meeting		B. Cebula 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 Severe Partner's Fall 1989 Meeting	RES Staff & NRC Contractors	F. Costanzi 492-3525
11/13-14/89	Sheraton Hotel Reston, VA	Public Workshop on NRC License Renewal Activities	NRC, Utilities and Public	D. Cleary 492-2396
11/14-15/89	Holiday Inn Inner Harbor Baltimore, MD	Public Workshop on NRC Conversion to Metric System	NRC, Utilities and Public	Z. Rosztoczy 492-3760

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OCTOBER 13, 1989

<u>Date/Time</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees</u>	<u>NRC Contact/ Phone Number</u>
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

OFFICE FOR ANALYSIS AND EVALUATION OF OPERATIONAL DATA MEETINGS

Week Ending: October 13, 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, ANO Corp.	Gary Zech
10/18-19	Baton Rouge, LA	Post Emergency Tabletop Group Exercise Planning	AEOD, RIV, FEMA State of Louisiana Gulf States Utilities, and federal and local agencies	Eric Weinstein
10/23	Washington, DC FEMA	FRPCC Subcommittee on Federal Response	AEOD	Tom McKenna
10/24-26	TTC	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
11/14-16	RIV	ERC Workshop	AEOD, Regions, Congressional Affairs, SLITP, NRR	Gary Zech

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RI MEETING NOTICES

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
10/23/89 11:00 a.m.	50-277/50-278 50-352/50-353	RI Office	Management Meeting to discuss status of corporate and site Health Physics and Emergency Preparedness Programs	NRC/PECO	L. Doerflein
10/23/89 1:00 p.m.	50-29	Rowe, MA	Systematic Assessment of Licensee Performance Management Meeting	NRC/YAEC	R. Blough
10/24/89 1:00 p.m.	50-244	RI Office	Licensee will present QA/QC programmatic changes made in response to concerns identified in the latest NRC SALP report	NRC/RG&E	E. McCabe
10/25/89 1:30 p.m.	030-30030	RI Office	Enforcement Conference to discuss results of Inspection No. 88-001	NRC/D. EDLIN, M.D.	J. Gresick
10/25/89 2:00 p.m.	50-245 50-336	Berlin, CT	Systematic Assessment of Licensee Performance Management Meeting	NRC/NNEC	D. Haverkamp
10/26/89 12:00 noon	50-272 50-311	Hancocks Bridge New Jersey	Site Improvement Program Management Meeting	NRC/PSE&G	P. Swetland
10/27/89 10:00 a.m.	50-352 50-353	RI Office	Systematic Assessment of Licensee Performance Board Meeting	NRC/PECO	L. Doerflein
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

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October 13, 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>
10/17/89 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
1:00 pm		RII Office	Management Meeting-CPL	Same as above	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

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REGION III MEETING NOTICES

OCTOBER 13, 1989

<u>FACILITY</u>	<u>DOCKET NUMBER</u>	<u>DATE/TIME</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>REGION III CONTACT</u>
Zion	50-295/304	October 17	Site	Plant Tour and meeting with Licensee and Resident Staff	E. Greenman
Uniroyal-Goodrich Tire Co.	030-12542	October 17 10:00 a.m.	Region III Office	Enforcement Conference - Loss of control of licensed material	C. Norelius
Quad Cities	50-254/265	October 18	Site	Maintenance Team Exit	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
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

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RIV MEETINGS SCHEDULED

October 13, 1989

<u>DATE</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT ATTENDEES</u>	<u>RIV CONTACT</u>
10/17 9:00		URFO	To Discuss point of compliance well locations and the appropriate type of corrective action for the site.	E.Kennedy & Consultants	G.Komwinski

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REGION V MEETING NOTICES

Time Frame (10/30/89 - 11/17/89)

<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 an NRC Regulatory Impact Survey	Staff from other regions	J. Martin

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