

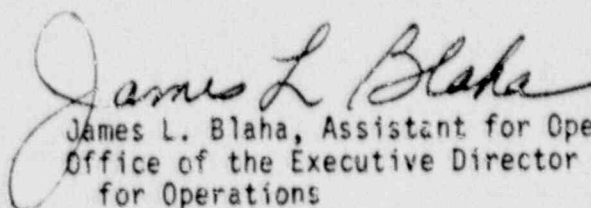
March 15, 1990

For: The Commissioners
From: James L. Blaha, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING MARCH 9, 1990

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

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*No input this week.


 James L. Blaha, Assistant for Operations
 Office of the Executive Director
 for Operations

Contact:
 James L. Blaha, OEDO
 492-1703

9003200405 900315
 PDR COMMS NRCC
 CORRESPONDENCE PDR

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HIGHLIGHTS OF WEEKLY INFORMATION REPORT
WEEK ENDING MARCH 9, 1990

Seabrook

In response to a late-filed allegation received by NRC from the Employee's Legal Project, NHY inspected manholes with wetted electrical cabling and supports. About 28 manholes are designed to safety-related criteria; about 12 of these contain safety-related cable. No equipment affect has been identified yet. The licensee has indicated that Arrhenius aging calculation based on cable testing for 30 months at 90C indicates a lifetime in excess of 40 years in the actual environment. Cable support adequacy also is a major consideration; safety margins at present appear to be substantial. The licensee is still evaluating the assurance of long term operability and the means of assuring adherence to the no-splice construction requirement. The manholes were designed to be dry, and the licensee is evaluating modifications to improve sealing and facilitate routine monitoring and dewatering, with modification accomplishment envisioned during the first refueling outage.

Kerr-McGee Cimarron Uranium Plant

NRC staff met with representatives of Kerr-McGee Corporation on March 1, 1990, to review progress on decommissioning the Cimarron Uranium Plant in Crescent, Oklahoma. Kerr-McGee has requested that we authorize on-site disposal of uranium-contaminated soil as part of the overall site decommissioning program. In previous meetings, the staff asked Kerr-McGee to submit better radiological survey data and to provide a detailed study of site hydrology. Kerr-McGee has submitted new information to this effect, which the staff reviewed and discussed with Kerr-McGee on March 1. Kerr-McGee will still need to clarify a few hydrological issues and estimate the total volume of contaminated soil. Thereafter, the staff hopes to decide on the soil disposal in April 1990.

Maine Requests Agreement State Status

The Commission has received a formal request from Governor John McKernan, Jr. for the State of Maine to become an Agreement State under 274b. of the Atomic Energy Act of 1954, as amended. The State has requested authority for (1) byproduct material as defined in Section 11e(1) of the Act; (2) source materials; and (3) special nuclear materials in quantities not sufficient to form a critical mass. Maine does not wish to assume authority over uranium milling activities or the commercial disposal of low-level radioactive waste, but reserves the right to apply for this authority at a future date.

OMB Clearances

10 CFR 26, "Fitness for Duty" - On February 20, 1990, the OMB Desk Officer for NRC orally agreed to approve the information collection requirements contained in the final rule, "Fitness for Duty," if NRC agrees to comply with the current Department of Health and Human Services (HHS) guidelines. A Commission paper recommending that NRC defer any amendments to the "Fitness for Duty" regulation that are not in compliance with the HHS guidelines is pending approval by the Commission. OMB's approval of the information collection requirements will stipulate, as a condition for continued approval, consistency with HHS guidelines. To date, no final approval has been received; however, on March 7, 1990, OMB indicated that a formal approval should be issued on this date. IRM will formally request a one-year approval based on OMB's failure to complete their review within the required timeframe if the OMB approval is not received within a week.

Office of Nuclear Reactor Regulation
Items of Interest
Week Ending March 9, 1990

Arkansas Nuclear One, Units 1 and 2

On February 27, 1990, N. S. (Buzz) Carns, the Director of Nuclear Operations for Arkansas Power and Light was elected to the position of Vice President Nuclear by the Arkansas Power and Light Company (AP&L) Board of Directors. This action filled the vacancy created by the resignation of Gene Campbell, who announced he was leaving AP&L to pursue other interests.

Mr. Carns, who has 28 years experience with the U. S. Navy and commercial nuclear power plants, joined AP&L in May 1989 as Director of Nuclear Operations with primary responsibility for day-to-day operations at Arkansas Nuclear One. He formerly was plant manager of the Waterford 3 nuclear plant and had spent six years in various management positions at that site.

Catawba Unit 1

During the present refueling outage, the hot leg sides of all steam generator tubes were examined with the 360-degree eddy-current probe. Examination of the tubes of the "C" steam generator (SG) revealed axial indications on the outer diameters of 6 tubes on their hot leg side. The indications are 1 to 1½ inches in length and are located at the 2nd, 3rd, 4th and 5th support plates. Duke plans to pull one of the tubes this weekend for metallurgical examination in Lynchburg, VA to determine the mechanism.

Examination of the "A" SG revealed indications on 12 tubes at the 8th support plate (near the preheater) indicative of a loose part. At least one of the tubes was observed to have significant through-wall indications (in excess of 80%). The taped eddy-current results have been sent to Westinghouse in Pittsburg for examination. Duke's further plans are pending results of Westinghouse's review.

Comanche Peak Steam Electric Station, Unit 1

At 1:55 am (CST) on March 5, 1990, the unit was in Mode 5 at 155°F and 380 psig with four reactor coolant pumps (RCPs) and the Train A residual heat removal (RHR) pump operating. While pulling a control rod shutdown bank for drop time testing, a reactor trip occurred. The trip was caused by loss of power to an intermediate range instrument when inverter 1PC1 failed, resulting in a high flux trip. When the inverter bypass power supply breaker was closed at 1:57 am, spikes in source range and reactor coolant system (RCS) pressure instruments caused a flux doubling actuation and initiated closure of the RCS to RHR suction valve. The operators secured the Train A RHR pump and shifted the lineup to put Train B RHR in service. This lineup change was completed in approximately 30 minutes. During this time, RCS temperature increased to 180°F due to the heat added by the four operating RCPs. (There is no decay heat since initial criticality has not been achieved.) A similar inverter failure occurred on February 9, 1990, during initial fuel load. The licensee is investigating the

cause of the inverter failure, the apparent lack of complete information from the sequence of events recorder, the apparent failure to get an alarm on intermediate range high flux, the need to revise procedures for reenergizing equipment after an inverter failure, and the coordination of the time base of various computers.

Onsite inspectors will follow up.

Browns Ferry, Units 1-2-3, Sequoyah, Units 1-2, and Watts Bar, Unit 1-2

On March 1, 1990, the Tennessee Valley Authority (TVA) announced the second phase of reducing the Nuclear Power Organization staffing level to the planned level over a three year period which began last year. This will result in a reduction from the current 7,530 annual employee staffing to about 6,100 by October 1, 1990. This is a reduction of about 415 at Browns Ferry, 230 at Sequoyah, 300 at Knoxville, 220 at Watts Bar, and 265 at TVA Nuclear Power headquarters. TVA stated the reduction was to make the Nuclear Power Organization more efficient and businesslike and included restructuring the organization, reducing costs, and fitting the organization to the work.

Big Rock Point

NRR staff members met with Consumers Power Company representatives on February 27, 1990 to discuss the approach to be used in meeting certain requirements of 10 CFR 50 for the Big Rock Point plant.

Because of Big Rock Point's small size, age, and unique design, a specific simulator for complete physical fidelity would be cost prohibitive. As an alternative, Consumers Power Company proposed a five step approach to provide a simulation facility. The approach includes: (1) a full scale static mockup, (2) task enhancement with real time simulation and feedback, (3) use of the actual plant for some manipulations, (4) plant walkthroughs, and (5) continued use of the Dresden simulator.

Approval and implementation of the facility is scheduled for May 1991. It is expected that the licensee will submit a schedule exemption request in July 1990.

Oyster Creek

As a followup to NRC meetings with the State of New Jersey held on February 22 and 28, a conference call was held on March 7, 1990, with Jill Lipoti, Deputy Director, Division of Environmental Protection and Ken Tosch, Chief, Bureau of Nuclear Engineering. They advised the NRC Project Manager that they intend to request a public meeting in the vicinity of the Oyster Creek site regarding the issuance of the Oyster Creek FTOL. They requested that the NRC be prepared to discuss "the depth of review of the Oyster Creek Safety Evaluation and how the NRC made a determination that there was an adequate margin of safety." They also indicated that they will formalize this request in a letter to the NRC and attach an agenda for the meeting. They also desire further discussions with the NRC staff on the following:

1. PRA
2. Vessel integrity including how operating cycles are tracked
3. Board of Public Utility issues
4. Isolation condenser issues regarding two steam line isolation valves outside containment
5. Hardened vent issue
6. Emergency plan

The NRC staff anticipates future meetings on these matters with the State parties included.

Vendor Inspection Branch (VIB) Meeting with DOE on Vendor Programs

On March 6, 1990, VIB staff met with DOE representatives to discuss the NRC vendor inspection program. The meeting was arranged at DOE's request. DOE has expressed an interest in developing a DOE vendor inspection program for DOE contractors and subcontractors and DOE indicated an interest in modeling their inspection and enforcement program after the NRC program and practices.

Hot Particle Research and Standards

Staff members of NRR and RES along with scientists from BNL, met with English scientists Dr. Monty Charles and Dr. John Hopewell to discuss NCRP and ICRP recommendations concerning hot particle exposures and current research in this area. Drs. Charles and Hopewell are members of an ICRP task group preparing recommendations on radiation protection limits for the skin. They expect that the ICRP will recommend a limit for hot particle exposure that is significantly lower than the limit recommended by the NCRP in its Report No. 106. This lower limit is also expected to be adopted in the United Kingdom and Europe.

NTOL AND RESTART SCHEDULE
3/9/90

I. Schedule for NTOL plants:

<u>PLANT</u>	<u>LOW POWER AUTHORZTN</u>	<u>INITIAL CRITI- CALITY</u>	<u>COMMISSION BRIEFING</u>	<u>FULL POWER AUTHORZTN</u>
COMANCHE PEAK 1	2/8/90C	4/6/90E	4/90E	4/8/90E
SEABROOK	5/26/89C	6/13/89C	1/18/90C	3/15/90E

II. Schedule for RESTART plants:

<u>PLANT</u>	<u>SHUTDOWN</u>	<u>COMMISSION STATUS BRIEFING</u>	<u>PLANT RESTART</u>
BROWNS FERRY 2	9/15/84C	8/90E	9/90E
NINE MILE POINT 1	12/19/87C	4/90E	5/90E

*Commission decision prior to restart authorization

Office of Nuclear Material Safety and Safeguards
Items of Interest
Week Ending March 9, 1990

SAFEGUARDS AND TRANSPORTATION

International

Working Group on Accounting and Reporting (WGAR) Meeting

On Tuesday, March 6, 1990, Charles W. Emeigh met with representatives from the Department of State, Department of Energy and the Nuclear Materials Management and Safeguards System to discuss the status of accounting and reporting issues to be addressed at the WGAR meeting in early April with the International Atomic Energy Agency (IAEA). Principal topics addressed were proposed revisions to the Subsidiary Arrangements to the US/IAEA Safeguards Agreement which have not been agreed upon between the IAEA and the United States Government, and transit matching issues identified by the IAEA.

Domestic

Department of Energy (DOE) Information Request

At the request of DOE, the Nuclear Materials Management and Safeguards System (NMMSS) is providing the Idaho National Engineering Laboratory with a listing of nonpower reactor licensees who possess Government-owned nuclear material. The DOE has assigned the Idaho Laboratory responsibility for monitoring nonpower reactors.

Transportation

Meeting on Storage/Transportation Spent Fuel Cask

On March 6, 1990, the Transportation Branch Staff had a pre-application meeting with Nuclear Assurance Corporation, Virginia Power and observers from the Spanish organizations of Empresa Nacional De Residuos Radioactivos, S.A. and Equipos Nucleares, S.A. The purpose of the meeting was to discuss the Model No. NAC-STC spent fuel cask. The dual purpose cask is being designed for both storage and transport of spent fuel. An application for storage is expected to be submitted in April 1990, followed by an application for transport in July 1990.

HIGH-LEVEL WASTE MANAGEMENT

Technical Exchange with the Department of Energy

On March 6, 1990, Division of High-Level Waste Management (DHLWM) staff participated in a technical exchange with the Department of Energy (DOE) concerning DOE's evaluation of a geophysical anomaly near the proposed site of the exploratory shaft facility (ESF) for the proposed repository at Yucca Mountain. The purpose of the exchange was to discuss the advantages and

limitations of the methods and approaches used by DOE in its evaluation of the anomaly and to consider the recommendations made in DOE's report based upon those approaches and methods. The exchange established DOE's basis for possible resolution of an NRC comment on DOE's Site Characterization Plan (SCP) for the Yucca Mountain site. The State of Nevada participated in this exchange.

INDUSTRIAL AND MEDICAL NUCLEAR SAFETY

Fuel Cycle Safety

Kerr-McGee Cimarron Uranium Plant

NRC staff met with representatives of Kerr-McGee Corporation on March 1, 1990, to review progress on decommissioning the Cimarron Uranium Plant in Crescent, Oklahoma. Kerr-McGee has requested that we authorize on-site disposal of uranium-contaminated soil as part of the overall site decommissioning program. In previous meetings, the staff asked Kerr-McGee to submit better radiological survey data and to provide a detailed study of site hydrology. Kerr-McGee has submitted new information to this effect, which the staff reviewed and discussed with Kerr-McGee on March 1. Kerr-McGee will still need to clarify a few hydrological issues and estimate the total volume of contaminated soil. Thereafter, the staff hopes to decide on the soil disposal in April 1990.

Office of Nuclear Regulatory Research
Items of Interest
Week Ending March 9, 1990

Confirming the Safety of High Level and Low Level Waste Disposal

Waste Management '90

Waste Management '90, an annual technical meeting sponsored by the Department of Nuclear Energy Engineering of the University of Arizona was held in Tucson, Arizona from February 25 - March 2, 1990. There were 1550 participants including attendees from federal agencies, states, universities, industry, and foreign countries including Brazil, Belgium, Canada, France, Japan, Spain, South Africa, Soviet Union, Sweden, Switzerland, and West Germany. The meeting dealt with both high-level and low-level radioactive waste disposal. Participating from RES were: Thomas J. Nicholson (Waste Management Branch) who co-chaired a technical session on Hydrogeologic Considerations for radioactive waste disposal. Janet Lambert and Edward O'Donnell who co-authored a paper on the Waste Management Branch's LLW Research Program Plan (NUREG 1380). Poster sessions were presented by Jacob Philip (Waste Management Branch) covering "Results of borehole sealing experiments in tuff", and Edward O'Donnell (Waste Management Branch) covering "Results of field experiments on controlling water infiltration through disposal unit covers in humid regions."

Information Meeting on the Human Factors Regulatory Research Program

On March 5, 1990, E. Beckjord, B. Sheron, and HFB personnel met with representatives of NUMARC, INPO, EPRI, B&W and Westinghouse to discuss the direction of human factors research at the NRC. Nine representatives were present from the industry groups along with staff from RES, NRR, AEOD and NMSS. The Staff presentations were derived from the Human Factors Regulatory Research Program (NUREG-1384). The industry representatives asked a variety of questions and provided comments suggesting that continuing interactions on human factors research would be beneficial.

Containment Performance and Protection from Radiation

Research on the Effects on the Skin of Radiation Exposure from "Hot Particles"

Members of the NRR and RES staffs met February 28 with Drs. Monty Charles and John Hopewell to discuss research on the effects on the skin of radiation exposure from "hot particles." (Hot particles are tiny, usually microscopic, radioactive particles that can deliver relatively high doses to small volumes of tissue when near or in contact with a worker's skin.) Dr. Charles directs the Radiation Biophysics Group at British National Nuclear Power's Berkeley Nuclear Laboratories and Dr. Hopewell directs the Radiobiology Research Group at the University of Oxford's Churchill Hospital. These two British researchers have done virtually all of the recent research on hot particle effects and are members of the ICRP's task group on hot particles and skin biology. The ICRP task group met in Bethesda, February 26 and 27, 1990.

According to Drs. Hopewell and Charles, the ICRP report on skin biology is virtually complete and will recommend that exposures from hot particles be limited to 100 rads (1 gray) averaged over 1 cm² from 100 micrometers to 150 micrometers skin depth. This contrasts with the NCRP's recent recommendation that such exposures be limited to 75 microcurie-hours (10 gigabecquerel-seconds) of beta particle emission. A seventy-five microcurie-hour exposure from a fuel particle would deliver from 300 to 500 rads (3 to 5 gray) over 1 cm² at a depth of 100 to 150 micrometers. Drs. Charles and Hopewell pointed out that the ICRP report recommendations will be based on preventing observable effects, e.g., ulcers. In contrast to this, the NCRP's recommendations are based on preventing "deep ulcers" consistent with the NCRP's radiation protection philosophy as expressed in its Report No. 91.

The NCRP report on Hot particles (Report No. 106) acknowledges that its recommendations are "based on incomplete data" indicating that further research is required. Such research was discussed with Drs. Charles and Hopewell, including on-going research at Brookhaven National Laboratory and at the British laboratories.

Office for Analysis and Evaluation of Operational Data
Items of Interest
Week Ending March 9, 1990

Division of Operational Assessment (DOA)

Incident response personnel completed training on the Information Assessment Team (IAT) process for assessing security threats at nuclear facilities and on the current status of intelligence activities. The training was conducted by the Division of Safeguards and Transportation, NMSS, over a three day period, February 27, February 28, and March 6, and was particularly useful to the Emergency Officers, the Response Coordination Team, and the Headquarters Operations Officers.

Severe accident training was conducted by RES in Region IV on March 6 and 7 and in Region II on March 8 and 9. A set of Nuclear Plant Analyzer drills was conducted by INEL and COMEX in Region V on March 8 and 9 for regional emergency response personnel. The training was coordinated by IRB as part of its Incident Response training program.

Division of Safety Programs (DSP)

On March 5, 1990, DSP issued a special study report entitled, "Review of Thermal Stratification Operating Experience." This report was prepared by Nelson T. Su of Reactor Systems Section, CE & GE, Reactor Operations Analysis Branch. Dr. Su also made a presentation of this subject to the Advisory Committee on Reactor Safeguards on March 8, 1990. Although the report does not contain recommendations for specific actions, the report is expected to be useful for training and as a reference to assist in diagnosing root cause. Increased awareness of the phenomenon is expected to reduce the number of instances.

Experience at domestic and foreign reactors indicated that thermal stratification has caused pipe cracks, damaged supports and loosened flanges in various high energy safety systems. Because of the generic implications of the operating experience, AEOD initiated the study to conduct an extensive review of operating experience associated with thermal stratification in the past ten years. Results of its review of operating experience and the associated effects, including potential safety implications are presented in the report.

The findings identified by the study include that: (1) many interfacing systems are potentially subjected to thermal stratification; (2) the effects of thermal stratification becomes more significant when plants age; and (3) effective preventive and corrective maintenance of valves at system boundaries may mitigate the problems.

Preliminary Notification

The following Preliminary Notifications were issued during the past week.

- a. PNO-ADSP-90-05, TU electric (Comanche Peak Unit 1), Reactor Trip While Shut Down.

- b. PNO-I-90-18, Three Mile Island Unit 1, Apparent Primary to Secondary Leak in Steam Generator.
- c. PNO-I-90-19, University Medical Center, Radioactive Material Found at the Site of the Demolition of a Licensee Facility.
- d. PNO-II-90-14A, Commonwealth Edison Co. (Zion Units 1 and 2), Shutdown to Repair Diesel Generator (Update).
- e. PNO-IV-90-10, Nucor Steel, Cesium-137 Source Melted in Steel Furnace.
- f. PNO-V-90-09, Southern California Edison (San Onofre Units 1, 2, and 3), and University of California, Irvine, Earthquake in Southern California Area.

Office of Governmental and Public Affairs
Items of Interest
Week Ending March 9, 1990

State Programs

Maine Requests Agreement State Status

The Commission has received a formal request from Governor John McKernan, Jr. for the State of Maine to become an Agreement State under 274b. of the Atomic Energy Act of 1954, as amended. The State has requested authority for (1) byproduct material as defined in Section 11e(1) of the Act; (2) source materials; and (3) special nuclear materials in quantities not sufficient to form a critical mass. Maine does not wish to assume authority over uranium milling activities or the commercial disposal of low-level radioactive waste, but reserves the right to apply for this authority at a future date.

Vernon, Vermont Agrees to Host LLW Disposal Site

At a March 5, 1990 town meeting, the Town of Vernon, Vermont approved a non-binding article, by a 123 to 27 vote, to support State legislation for designating Vermont Yankee property in Vernon as the preferred site for a LLW disposal facility. Draft legislation creating a LLW authority and providing for a possible LLW disposal facility in the State is currently in the Vermont Senate Energy and Natural Resources Committee. The town's action may provide an impetus for the State to enact the legislation, which would move it toward compliance with the Low-Level Radioactive Waste Policy Amendments Act.

EPA Mixed Waste Conference

Roland Lickus, Director of Region III State and Government Affairs, participated in an Environmental Protection Agency (EPA) Conference on Mixed Waste on March 6-7, 1990 in Chicago, Illinois. The purpose of the conference was to provide an overview of mixed waste regulations and training for EPA inspectors for performing mixed waste inspections. Mr. Lickus participated in a panel discussion on inspections. Regis Boyle, NMSS, participated in a panel and presented the NRC perspective on the mixed waste issue.

International Programs

Foreign Visitors - IAEA and European Community

On Tuesday Dr. Morris Rosen, Assistant Deputy Director General of the Department of Nuclear Energy and Safety at the International Atomic Energy Agency (IAEA), met with Commissioners Rogers and Curtiss, GPA Director, Harold Denton, and other GPA/IP staff members to discuss IAEA activities involving NRC. Dr. Rosen emphasized the numerous requests for IAEA nuclear safety services from Eastern European countries.

Mr. Caccia-Dominioni, EC Director for Nuclear Energy Policy, met on Wednesday with Commissioners Curtiss and Rogers to discuss energy policy issues related to nuclear safety and reactor licensing. Dr. Contzen, EC Deputy Director

General for Science, Research, and Development, met on Thursday with Commissioner Curtiss and EDO Taylor and with Commissioner Remick to discuss EC nuclear safety research interests including prospective areas of cooperation with NRC.

1. Makipentti, Chairman of the Zangger Committee, Visit to DOS

Mr. Ilkka Makipentti, Chairman of the IAEA-sponsored Zangger Committee (NPT Nuclear Exporters Group), met at State Department with U.S. Government officials on Monday. The U.S. side conveyed to Chairman Makipentti the importance of the work of the Zangger Committee and the strong desire of the U.S. for the Committee to continue its work at the forefront of the international nuclear export control regime. Representatives from the Departments of State, Defense and Energy, the Arms Control and Disarmament Agency, and the NRC attended the meeting. A key issue discussed was whether or not the Zangger Committee could broaden its export control regime to cover dual use items or at least serve in an educational capacity to sensitize Zangger Committee members of the importance of controlling dual use commodities as well as provide information to emerging nuclear supplier countries on the export control regimes of established supplier countries. Following this meeting in Washington, Mr. Makipentti visited facilities in Oak Ridge and Los Alamos at the invitation of DOE in order to gain greater familiarity with several of the items and materials under the purview of his Committee.

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	03/13/90	10:00	Markup	H.R. 3695, Paperwork Reduction Act	Reps. Conyers/Horton House Government Operations
Gerke/ Henderson	03/14/90	1:00	TBA	H.R. 3979, Fed'l Employee Pay Adjustment	Reps. Ackerman/Myers Compensation & Employee Benefits House Post Office & Civil Service
Callahan	03/14/90	2:00	Commission	Seabrook, NRC's General Licensing Procedures	Reps. Kostmayer/Vucanovich Gen'l Oversight & Investigations House Interior & Insular Affairs
Madden	03/21/90	10:00	Commission	NRC's FY91 Budget	Reps. Beville/Myers Energy & Water Development House Appropriations
Gerke/ Henderson	03/21/90 03/22/90	9:30	Non-NRC	Civil Service Pay Reform	Senators Glenn/Ruth Senate Governmental Affairs
Callahan	03/29/90 04/02/90	9:30 2:00	DOE	S. 1966, Advanced Nuclear Reactor Re- search, Development, & Demonstration Act	Senators Ford/Domenici Energy Research & Development Senate Energy and Natural Resources
Madden	04/03/90	9:30	DOE	DOE's Plan to Open WIPP	Senators Johnston/McClure Senate Energy & Natural Resources

Office of Administration
Items of Interest
Week Ending March 9, 1990

Significant FOIA Requests Received by the NRC
For 5-day Period of March 2, 1990 - March 8, 1990

Request for copies of Governors' letters, by states that are not members of the Central States Compact, certifying capability to handle LLW. (Lynn Moorer, Concerned Citizens of Nebraska, FOIA-90-99)

Request for copies of Governors' letters certifying the capability of Nebraska, Arkansas, Kansas, Louisiana, and Oklahoma to handle LLW. (Lynn Moorer, Concerned Citizens of Nebraska, FOIA-90-100)

Request for copies of two categories of records related to licensees authorized to incinerate radwaste. (Kemp Houck, Earthnet, FOIA-90-101)

Request for records concerning any leak or release of radioactive substances at CintiChem, Tuxedo, New York. (Eve Gartner of Berie, Kass & Case, FOIA-90-102)

Request for records relating to the inspection at the Comanche Peak nuclear power plant conducted February 7 - March 2, 1990. (Linda Bauman of Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde, FOIA-90-103)

Request for records relating to a November 29, 1989 Technical Specification Branch meeting. (Ophelia Williams, J/R/A Associates, FOIA-90-105)

Request for information on the winning Pest Control contract. (Robert Dixon, Dixon's Pest Control, Inc., FOIA-90-107)

Request for FY 1990 and 1991 long range IRM plans for data processing. (Teri Jackson, KENROB and Associates, Inc., FOIA-90-108)

Office of Information Resources Management
Items of Interest
Week Ending March 9, 1990

1. OMB Clearances

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2. NUDOCS/AD

Processing of the backlog of daily transaction files has been completed. The database is now current to the previous day's accessions. New operating procedures have been implemented that will maintain the currency of the database to this level.

Office of Personnel
Items of Interest
Week Ending March 9, 1990

Labor Relations Staff Conducts Training

Carol Harris, Labor Relations, OP, and Marvin Itskowitz, OGC, presented training to Office of Administration supervisors on March 7, 1990. The training covered such areas of personnel management as performance appraisals, conduct of employees, and the development of elements and standards.

Employee Assistance Program

Scott McMillen of Suburban Hospital in Bethesda, Maryland, briefed Pat Kaplan, Training, Development and Employee Assistance staff, and the Labor Relations staff on how to handle substance abuse in the workplace. Mr. McMillen also addressed how to read clues of abuse for early intervention.

Commissioner Remick's Staff Briefed

Mike Fox, Labor Relations, Pat Kaplan, Training, Development and Employee Assistance, OP, and Dick Dopp, Division of Security, ADM, briefed Commissioner Remick and his staff on March 9, 1990. The various issues discussed included the Employee Assistance Program, the disciplinary action process, and NRC's drug testing plan.

Recruitment Efforts Continue

The Office of Personnel continued its recruitment efforts to hire new talent for NRC. Attending the University of Maryland job fair on March 9, 1990 were Henry Rubin, OP, Phil Ting, NMSS, Cliff Anderson, Region I, and Chuck Hosey, Region II. John Miller, Lynne Broadwater, and Tom Yingst of Region I attended the Penn State job fair held March 9-10, 1990.

Arrivals

Jane Bogan, Secretary (PFT), ADM
James Powers, Physical Security Specialist (PFT), NMSS
Lillian Bell, Secretary (PFT), NRR
Brian Holian, Project Engineer (PFT), NRR
Paula Magnanelli, Secretary (PFT), NRR
Elaine Pigulski, Personnel Management Specialist (OPFT), RIII

Departures

David McCaughey, Nuclear Process Engineer (PFT), NMSS
Edmond Tourigny, Sr. Project Manager (PFT), NRR

Office of Small and Disadvantaged Business Utilization and Civil Rights
Items of Interest
Week Ending March 9, 1990

Civil Rights Program

As part of the NRC program commemorating Black History Month, the Office of Small and Disadvantaged Business Utilization and Civil Rights (OSDBU/CR), in conjunction with the NRC Chapter of Blacks In Government (BIG), sponsored a program at the Holiday Inn Crowne Plaza.

Guest speakers were Kojo Nnamdi, Host Writer of WHMM TV, Channel 32, and Roger Wilkins, Esq., Clarence J. Robinson Professor of History and American Culture at George Mason University. Approximately 250 persons were in attendance, including NRC Commissioners, employees and their guests, and former NRC employees. It was the largest number ever to attend an NRC Black History Month activity.

Small and Disadvantaged Business Program

A member of the OSDBU/CR staff participated in a conference on Hazardous Waste, conducted by the staffs of the White House Initiative on Historically Black Colleges and Universities (HBCU), and the Department of Energy.

To implement Executive Order 12677, the White House Initiative on HBCUs seeks to involve representatives from Federal agencies in an Interagency Task Force. The primary focus of the Task Force is on science and technology. It seeks increased participation by HBCUs and other minority institutions who are on the "cutting edge" of scientific research and development, engineering and mathematics, and aims to increase the number of minorities in scientific fields.

Another member of the OSDBU/CR staff participated, along with approximately 1,700 people, in the High-Tech Small Business Development Conference 1990, sponsored by the National Aeronautics and Space Administration and the U.S. Small Business Administration, in Los Angeles, California. Keynote speakers were Ms. Maria Elena Ibanez, Marketing Director for International Micro Systems, Inc., who was the recipient of the Woman of the Year Enterprise Award of 1989, and Mr. Joshua Smith, Chairman of the President's Commission on Minority Business Development and Chairman of the Board, The Maxima Corporation.

The workshops included discussions of the Small Business Innovation Research Program, SBA Programs, Minority Business Enterprise Programs, Technology Transfer Seminars, How To Do Business with the Federal Government, Successful Proposal Preparation and the Evaluation Process, and Legislation Impacting Small/Disadvantaged Businesses. Harris Coleman, OSDBU/CR, was a counselor representing NRC and made several presentations to the attendees.

Office of Enforcement
Items of Interest
Week Ending March 9, 1990

Significant Enforcement Actions

A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$100,000 was issued on March 6, 1990 to Baltimore Gas & Electric Company (Calvert Cliffs). The action was based on the failure to take adequate corrective action for deficiencies in meeting Low Temperature Overpressure Protection (LTOP) commitments. Several hardware and software commitments had not been implemented as required since initial plant startup. A 1988 NRC inspection identified the failure to implement two commitments, and two licensee analysis of the LTOP system performed in 1987 and 1989 identified other design assumption deficiencies for which the licensee failed to properly evaluate and correct. The civil penalty was escalated 50% for NRC identification and 50% for inadequate corrective action. It was concluded that further escalation for poor past performance was not necessary to emphasize our concern because that performance has contributed to an extended shutdown of the facility.
(EN 90-029)

A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$5,000 was issued on March 6, 1990 to St. Louis Testing Laboratories, Inc. (St. Louis, Missouri). The action was based on exposure to a radiographer in excess of 3 rems for a calendar quarter and 5 other related violations. Mitigation for good past performance and corrective actions was offset by escalation because NRC identified the violations and because the licensee had prior notice of similar events. (EN 90-030)

A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$750 was issued on March 6, 1990 to B&H Wireline Services, Hominy, Oklahoma. The action was based on 13 violations that, in the aggregate, were considered to represent a breakdown in control of licensed activities. These violations involved failure to adequately secure radioactive material against the possibility of theft or removal, storage of radioactive sources in locations other than that authorized in the license, failure to conduct all necessary radiation surveys and ensure that survey instruments were properly calibrated, and failure to produce and maintain records of numerous activities for which records are required to be kept. The base civil penalty was increased 50% because NRC identified the violations. (EN 90-031)

Civil Penalties Paid

GPU Nuclear Corporation (Oyster Creek) paid the civil penalty in the amount of \$25,000. The action was based on the licensee's failure to take corrective action for a misaligned DC control power breaker despite the fact that the condition was identified by plant personnel on a number of occasions.
(EA 89-207)

Carolina Power and Light Company (Brunswick Units 1 and 2) paid the civil penalty in the amount of \$75,000. The action was based on failures to promptly identify and correct deficiencies in the service water system involving over temperatures of pump motors and diversion of low to nonsafety-related loads.
(EA 89-235)

Commonwealth Edison Company (Zion Nuclear Generating Station) paid the civil penalty in the amount of \$100,000. The action was based on the failure to properly consider the role of the Emergency Diesel Generator (EDG) ventilation support system, which is required by the FSAR but not directly included in technical specifications, when making EDG operability determinations. (EA 89-218)

Butte-Silver Bow, Department of Public Works, Butte, Montana paid the civil penalty in the amount of \$500. The action was based on licensee's failure to provide personnel dosimetry to gauge users, leak test sealed sources, perform inventories at 6 month intervals, prepare shipping papers and have certificates required showing special form and Specification 7A testing and possession of an unauthorized gauge, storage of a gauge in an unauthorized location and having an unauthorized individual as radiation protection officer. (EA 89-217)

Georgia Power Company (Vogtle) paid the civil penalty in the amount of \$7,500. The action was based on the repetitive failure on the part of licensee employees to adequately protect and account for documents containing Safeguards Information. (EA 89-227)

Office of Consolidation
Items of Interest
Week Ending March 9, 1990

Second Building Status

On March 6, 1990, Office of Consolidation (CONS), Office of Administration (ADM), and Office of Information Resources Management (IRM) staff met with representatives of Tower Construction Company and Dewberry & Davis to discuss resumption of planning activities for the second building -- Two White Flint North.

Karl Kaufman, representing the developer, said that Dewberry & Davis would proceed with modifications to the construction drawings based on proposals made by the developer in the meeting of February 26 between WFN and GSA. Mr. Kaufman anticipated that the drawings would be ready in about two weeks.

OWFN Cafeteria

As of March 9, GSA had not approved the design and price of the exhaust system for the grill in the kitchen area. Consequently, the contractor has not ordered the fan and other equipment for this installation. Also, although most of the serving and kitchen equipment has arrived on site, the large sinks for the kitchen have not arrived as of March 9. Delays in reaching agreement on design and price of the kitchen exhaust system will delay the completion of the cafeteria by at least two weeks.

TAP Seminar

The Director, CONS, attended a half-day seminar, "Business and Transportation - Challenges and Opportunities in the 1990's," sponsored by the Transportation Action Partnership (TAP). Speakers included Tad Widby, a former president of Commuter Transportation Services, Inc. and past president of the Association for Commuter Transportation; Dyan Brasington, Director of Montgomery County's Office of Economic Development; and Ronald Hartman, Administrator of the Maryland Mass Transit Administration.

The NRC is a charter member of TAP which was formed in late 1987, and the Director, CONS, serves on the Executive Committee of the Board of Directors.

Region I
Items of Interest
Week Ending March 9, 1990

1. Enforcement Conference With Divine Providence Hospital

An inspection was conducted at Divine Providence Hospital, in Williamsport, Pennsylvania, on February 6-7, 1990, in which 20 apparent violations of NRC requirements were identified. The violations did not appear to affect patient or worker safety. However, a lack of management oversight and control of the radiation safety program was evident. A Confirmation of Action letter for immediate corrective actions was issued February 8, 1990. An enforcement conference was held on March 6, 1990 with licensee management. The licensee described their extensive corrective actions, including replacing the Radiation Safety Officer, and contracting with an outside consultant to provide technical assistance and independent program audits.

2. Seabrook

In response to a late-filed allegation received by NRC from the Employee's Legal Project, NHY inspected manholes with wetted electrical cabling and supports. About 28 manholes are designed to safety-related criteria; about 12 of these contain safety-related cable. No equipment affect has been identified yet. The licensee has indicated that Arrhenius aging calculation based on cable testing for 30 months at 90C indicates a lifetime in excess of 40 years in the actual environment. Cable support adequacy also is a major consideration; safety margins at present appear to be substantial. The licensee is still evaluating the assurance of long term operability and the means of assuring adherence to the no-splice construction requirement. The manholes were designed to be dry, and the licensee is evaluating modifications to improve sealing and facilitate routine monitoring and dewatering, with modification accomplishment envisioned during the first refueling outage.

Region II
Items of Interest
Week Ending March 9, 1990

1. Regional Assessment

On March 6-7, representatives from HQ NMSS conducted the Annual NMSS Program Review. The seven member review team was lead by the Deputy Director, Division of Industrial and Medical Safety, NMSS.

2. Georgia Power Company

On March 6, a DRP Section Chief and the Hatch Resident Inspectors met with the Appling County, Georgia, Board of Commissioners to conduct a meeting with local officials for the Hatch facility.

3. Duke Power Company

The Deputy Regional Administrator toured the Catawba and McGuire sites on March 5 and 6, respectively.

4. Core Inspection Task Group

The DRP Deputy Director, the TSS Section Chief, and a DRSS Branch Chief participated in the Core Inspection Program Task Group Meeting on March 7-9 in Headquarters.

5. Severe Core Damage Training

On March 7 and 8, Severe Core Damage training was provided to the Regional staff.

Region III
Items of Interest
Week Ending March 9, 1990

1. American Radiolabeled Chemical

The licensee has requested a further relaxation of the Order to allow them to subdivide stock material and decontaminate certain areas of the facility. This request did not include production or synthesis of radiochemicals. The staff is currently reviewing this request. An unannounced site visit is planned for the week of March 12, 1990.

2. Allied Signal, Inc.

The contaminated vessel where the chemical reaction occurred is now isolated from the process systems. The process system is presently shutdown. Contamination has been removed from other sections of the process system. The root cause of this event is still under investigation. The Region will meet with the licensee prior to start-up to discuss the cause and the Region plans to be on site during start-up operations.

3. Zion Nuclear Power Station

Mr. Geoffrey C. Wright, Chief, Operations Branch, and members of his staff attended the exit meeting for the Zion Emergency Operating Procedures (EOP) inspection held on March 9, 1990, at the Zion facility. This concludes the EOP inspection program for all PWRs in Region III.

4. Zion Nuclear Power Station

A temporary waiver of compliance for the Zion Station was granted by Region III, with NRR concurrence, on March 2, 1990. The waiver allowed a 96 hour extension of a portion of a February 29, 1980, Confirmatory Order for the Zion Station. That portion of the Order stipulates that with any unit's emergency diesel generator (EDG) declared inoperable and with six or more failures in the last 100 tests of a unit's diesel generators, the unit be placed in hot shutdown within 12 hours and in cold shutdown within the following 30 hours. Both Zion Units 1 and 2 EDGs have experienced six or more failures in the last 100 tests. Because the "O" EDG, which failed in this case, is shared, both units are subject to this requirement. Relief was requested to troubleshoot and repair the "O" EDG and to prove it operable in order to avoid an unnecessary thermal cycle on the units.

As a result of a subsequent trip of the "O" EDG on main connecting rod bearing temperature during its operational surveillance, the licensee was unable to restore it to operable status within the time allowed by the temporary waiver of compliance. Unit 1 entered cold shutdown on March 7, 1990, as required by the original waiver of compliance.

On March 6, 1990, the waiver of compliance for Unit 2 was extended for 144 hours. This extension allowed the licensee not to subject Unit 2 to an additional thermal cycle and will allow the licensee to perform required

tests on Unit 2 prior to proceeding to a refueling outage which had been scheduled for March 22, 1990. The "O" EDG is being torn down to examine the bearings for possible damage to determine the cause of the high temperature readings.

5. Clinton Nuclear Power Station

The Balance of Plant (BOP) Team inspection concluded at Clinton with an exit on March 6, 1990. Overall results indicated that the plant still had a large backlog of corrective maintenance and the rad waste system material condition was poor; however, the rest of the BOP systems appeared to be in reasonably good material condition and the preventive maintenance program on BOP was satisfactory, both in scope and observed performance. The corrective maintenance backlog represented degraded conditions on many pieces of BOP equipment which the licensee was actively addressing during the ongoing outage. The condition of rad waste was partially offset by the fact that Clinton has a double capacity system that was originally intended to support two units. The BOP team inspection represented a cooperative effort between Region III Divisions of Reactor Projects and Reactor Safety.

6. Davis-Besse Nuclear Plant

On March 8, 1990, Messrs. J. Taylor, EDO, A. Bert Davis, Region III Administrator, and other NRC staff members met with Mr. Robert Farling, President, Centerior Corporation, and Mr. M. Edelman, President, Toledo Edison Company, to discuss results of the management audit conducted by CRESAP Corporation. Organization changes and resource reductions planned as a result of the audit were also discussed.

7. Point Beach Nuclear Plant

On March 1, 1990, Mr. Edward Greenman and members of the Region III staff conducted a management meeting with Mr. Jim Zach, Plant Manager, Point Beach Nuclear Plant. Items discussed during the meeting were: status of procedures upgrade; simulator completion; Unit 2 steam generator replacement; program for open item closure; and reliability centered maintenance.

Region IV
Items of Interest
Week Ending March 9, 1990

1. URFO Meeting

The Director of URFO and select members of his staff met on March 8, 1990 with HRI, Inc. representative to discuss the Church Rock Project. NRC is currently reviewing a license application for the proposed in-situ leach project located in Crownpoint, New Mexico.

2. Arkansas Nuclear One

Arkansas Nuclear One, Unit 2, returned to critical operation at 3:28 p.m. (CST) on March 7, 1990, following a planned shutdown on March 4, 1990. The shutdown was conducted in order to investigate electrical noise problems on one channel of the core protection calculator. The licensee replaced surge capacitors on all four reactor coolant pumps while shutdown, which was the probable cause of the noise. The licensee also completed troubleshooting and resolution of control element assembly problems which occurred during the shutdown. The unit is presently at 70 percent power with no further noise problems noted.

Region V
Items of Interest
Week Ending March 9, 1990

1. Rancho Seco Nuclear Generating Station

- a. There have been indications of an acceleration of personnel departures which could occur in the coming months, especially during the summer. High level managers and licensed operators have given indication of possibly leaving SMUD. Discussions with licensed operators indicate that representatives of Arkansas Nuclear One have been actively recruiting personnel and offering attractive compensation. Region V considers this situation to be a serious concern for the stability of management and operations at Rancho Seco.
- b. Two management changes were announced last week. The manager of Nuclear Support Services and the Manager of Environmental Monitoring and Emergency Preparedness are departing SMUD and will be replaced by others in the SMUD organization. There also will be a consolidation of office functions associated with the replacement of these managers.
- c. In regards to the sale of spare parts and equipment, the licensee has sold some non-powerblock items, such as office equipment, and is preparing plans for the sale of powerblock warehoused equipment. There have been inquiries from another utility for the radiation monitors and main feedwater pump controllers. Sale of these type items may occur in the next month.
- d. A special test of the spent fuel pool level alarm was conducted on March 2, 1990. This test involved a draindown of the spent fuel pool. One of the two level alarms actuated slightly (3/8") outside of the acceptance criteria of ± 3 inches of the intended alarm point. The alarm actuated at 38'-2 5/8" vice the intended 38' - 6".

2. Portland General Electric Company

The Union which represents plant operators, maintenance personnel, and company linemen, voted on March 6, 1990 to accept the proposed contract. A strike threat therefore no longer exists at the Trojan Nuclear Facility.

ITEMS ADDRESSED BY THE COMMISSION - Week Ending March 9, 1990

A. STAFF REQUIREMENTS - BRIEFING ON STATUS OF PROPOSED RULE ON LICENSING RENEWAL, 2:00 P.M., TUESDAY, JANUARY 30, 1990 COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY to J. Taylor, EDO, dated 3/6/90

The Commission was briefed by the staff on the status of ongoing activities for establishing regulatory requirements to extend reactor operating licensees beyond 40-years of commercial operation.

The Commission expressed the importance of establishing thorough screening requirements and urged the staff to include as much of the screening criteria as possible in the rule itself. The Commission also requested the staff to continually incorporate the results of aging research into the license renewal rule and regulatory guidance as information becomes available.

The Commission requested the staff to provide a discussion of why we should require applicants' to document the current licensing basis (CLB), even by reference, as a part of their license renewal applications.

The Commission requested the staff to review the schedule for completion of the regulatory guide and safety evaluations on industry technical reports to determine how this important guidance can be provided to early renewal applicants. The staff should also identify for the industry any NRC expectations for additional information which are yet to be met, prior to development of the last scheduled technical report. In addition, the staff should incorporate the schedule for completion of the industry technical report and the staff's issuance of safety evaluation reports in the overall schedule for license renewal activities.

The Commission encouraged the staff to interact with the ACRS and requested tight management oversight and control by the EDO in coordinating the licensing renewal activities between RES and NRR. The Commission also placed high priority in staff's activities to maintain the current schedule on the development of the proposed license renewal rule.

Additional guidance may be provided in the Commission's response to SECY-90-021.

MARCH 9, 1990

NRR MEETING NOTICES

March 9, 1990

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
3/13/90 8:00	50-382	Waterford Steam Taft, Louisiana	Review plans and proposed station modification to relay testing which will allow Engineered Safety System Automatic Actuation Logic Testing to start the Diesel Generator monthly. This proposed method to reduce the number of DG starts and other alternatives will be examined and discussed.	NRC/LP&L	D. Wigginton
3/13/90 11:00-2:00	50-369/ 370/413/ 414	White Flint Bldg. Room 10B-13	Discuss plans by Duke Power Company to request TS change to increase allowable unidentified RCS leakage rate from 1 gpm to 3 gpm.	NRC/Duke Power Company	D. Hood
3/14/90 1:00	50-029	White Flint Bldg. Room 14B-11	Discuss the licensee's Pressurized Thermal Shock submittal.	NRC/Yankee Rowe	P. Sears

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

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

ENCLOSURE 0

NRR MEETING NOTICES

March 9, 1990

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
3/15/90 8:00-11:30		White Flint Bldg. Room 14B-13	Resolve differences in radio- logical assumptions being used by various NRC groups reviewing BWR submittals.	NRC/BWROG	E. Trottier
3/15/90 8:30-4:00	50-269/ 270	McGuire Nuclear Plant	Discuss the status of various licensing activities and safety initiatives at Duke Power Company's and Georgia Power Company's nuclear stations included in PDII-3 area of responsibility.	NRC/GPCo Duke Power Co.	L. Wiens
3/15/90 9:00	50-029	White Flint Bldg. Room 2F-17	Discuss the licensee's approach to reactor vessel evaluations for license renewal.	NRC/Yankee Rowe	P. Sears
3/15/90 1:00-4:00	50-237/ 249/254	White Flint Bldg. Room 14B-11	Discuss licensees proposed modifications and schedule for implementation to meet the requirements of the Station Blackout rule.	NRC/CECo	B. Siegel
3/16/90 9:30-5:00	50-289	GPU Nuclear Corp. One Upper Pond Road	Discuss TMI Unit 1 current licensing issues.	NRC/GPUN	R. Hernan

MARCH 9, 1990

ENCLOSURE 0

MARCH 9, 1990

NRR MEETING NOTICES

March 9, 1990

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
3/19/90 8:00-4:00	50-275/ 323	Marriott Hotel Denver West 1717 Denver West Marriott Blvd. Golden, Colorado 80401	Review and discuss empirical ground motion studies, Diablo Canyon Long Term Seismic program.	NRC/PG&E	H. Rood
3/19/90 8:30-6:00		Electric Power Research Institute 3412 Hillview Ave. Palo Alto, CA 94303 Conference Center (behind Building 1)	Discuss the EPRI Requirements Document for advanced LWRs with passive safety systems.	NRC/EPRI	T. Kenyon
3/21/90 9:00	50-382	White Flint Bldg. Room 9B-13	Discuss licensees response to NRC questions transmitted by letter dated July 27, 1989, regarding proposed amendment to revise the control room heating, ventilation and air condition- ing technical specifications.	NRC/LP&L	D. Wigginton
3/26/90 3:00	50-5	White Flint Bldg. 10H-20	Discuss installation of a computerized control system for the penn state triga research reactor.	NRC/Penn State	A. Adams

ENCLOSURE 9

MARCH 9, 1990

March 9, 1990

NMSS Meeting Notices

Division of Safeguards and Transportation

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
3/19-20		DOS Washington, DC	US/Japan Bilateral Safeguards	NMSS	C. Emeigh
03/21 8:30-10:30	71-9226 71-9227	4B-13 OWFN	Pre-application meeting Model GA-4 & GA-9 casks	NMSS DOE General Atomics	N. Osgood
03/22 9:00-11:30	71-9230	6B-11 OWFN	Pre-application meeting Model BR-100 Shipping Cask	NMSS DOE Babcock & Wilcox	E. Easton
03/22 8:30-4:30		DOE Washington, DC	Attend DOE Transp. Roundtable	NMSS RES DOE EPA DOT Other Federal Agencies National Laboratories	J. Cook
03/30 10:30-12:30		6B-11 OWFN	Discuss Human Factors in Transportation	NMSS	J. Cook
05/29 8:30-11:30	71-9229	4B-11 OWFN	Pre-application meeting Model Titan Shipping Cask	NMSS DOE Westinghouse	E. Easton

ENCLOSURE 9

Division of Low-Level Waste Management and Decommissioning

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
3/10-19		Vienna, Austria	To participate in a consultants meeting for planning the CRP "The Safety Assessment of Near Surface Radioactive Waste Disposal Facilities"	NMSS	J. Starmer
3/21-22		Palo Alto, CA	To attend meeting with DOE State Technical Coordinating Committee	NMSS	J. Surmeier

Division of Industrial and Medical Nuclear Safety

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
3/20	70-143	Erwin, TN	To review status report on ponds and plutonium facilities decommissioning and discuss proposed enriched uranium scrap recovery operation	NMSS NFS RII	S. Soong

MARCH 9, 1990

ENCLOSURE Q

Division of High-Level Waste Management

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
3/20 9:00-2:00		6B-11 OWFN	To discuss and schedule interactions with DOE	NMSS DOE State of Nevada	J. Holonich
3/21		Rm 6110 MNBB	NRC/DOE QA Meeting	NMSS DOE State of Nevada	M. Delligatti

MARCH 9, 1990

ENCLOSURE 0

MARCH 9, 1990

RES Meeting Notices

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u> <u>Director's Office</u>	<u>Attendees/ Applicant</u>	<u>NRC Contact</u>
<u>Nuclear Safety Research Review Committee (NSRRC) Meetings</u>					
3/19-20/90		San Antonio, TX	NSRRC Waste Disposal Subcommittee meeting		R. Shepard 492-3723
<u>Division of Engineering</u>					
3/20-21/90		Bethesda Ramada Inn Bethesda, MD	Nuclear Plant Aging Research (NPAR): Research Review Group Meeting		J. Vora 492-3854

ENCLOSURE 9

March 9, 1990

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>
03/12/90 1:00 p.m.		RII Office	Summer Self-Assessment Meeting	Licensee and selected RII staff members	Ebnetter
03/19/90 1:00 p.m.		RII Office	Surry Self-Assessment Meeting	Licensee and selected RII staff members	Ebnetter
03/20-23/90		RII Office	Resident Inspectors' Meeting	Senior and Resident Inspectors and selected guest speakers including Com. Remick on 3/22	Reyes
03/21/90 9:00 a.m.		Atlanta, GA	Speech to Southeastern Nuclear Plant Managers Association	Nuclear Plant Managers	Ebnetter

MARCH 9, 1990

ENCLOSURE Q

MARCH 9, 1990

Region III Meeting Notices

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees Applicant</u>	<u>NRC Contact</u>
03/15/90 9:00 am	50-315 50-316	D.C. Cook Plant	Indiana and Michigan Electric Company, D. C. Cook - Management Meeting	Licensee, Regional Administrator and selected members of RIII Staff	Greenman
03/15/90 1:30 pm	030-18345	Region III	Solar Testing Laboratories, Inc. - Enforcement Conference	Licensee, Deputy Regional Administrator and selected members of RIII Staff	Norelius
03/15/90 10:00 am	50-346	Region III	Toledo Edison Co., Davis-Besse - Management Meeting	Licensee, Director, Division of Reactor Projects and selected members of RIII Staff	Greenman
03/16/90 9:00 am	50-255	Palisades Plant	Consumers Power Company, Palisades - Management Meeting	Licensee, Regional Administrator and selected members of RIII Staff	Greenman
03/16/90 1:30 pm	030-04041	Region III	MQS Inspection, Inc. - Enforcement Conference	Licensee, Director, Division of Radiation Safety and Safeguards and selected members of RIII Staff	Norelius
03/16/90 10:00 am	50-341	Region III	Detroit Edison Co. Fermi - Management Meeting	Licensee, Director, Division of Reactor Projects and selected members of RIII Staff	Greenman
03/27/90 2:00 pm	50-341	Fermi Plant	Detroit Edison Co. Fermi - Systematic Assessment of Licensee Performance	Licensee, Deputy Regional Administrator and selected members of RIII Staff	Greenman

ENCLOSURE Q

Region III Meeting Notices

<u>Date/Time</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees Applicant</u>	<u>NRC Contact</u>
03/29/90 2:00 pm	50-331	Duane Arnold Plant	Iowa Electric Light & Power Co., Duane Arnold- Systematic Assessment of Licensee Performance	Licensee, Deputy Regional Administrator and selected members of RIII Staff	Greenman
03/29/90 10:00 am	030-04971 030-04951	Region III	Minnesota Mining & Manufacturing Co. (3M) - Enforcement Conference	Licensee, Regional Administrator, Deputy Regional Administrator, Director, NMSS, Director, OE and selected members of RIII Staff	Norelius
03/29/90	040-02061	West Chicago, IL	Kerr McGee Facility - Site Tour	Regional Administrator, Director, NMSS	Norelius
03/30/90 10:00 am	50-295 50-304	Region III	Commonwealth Edison Co., Zion - Management Meeting	Licensee, Regional Administrator and selected members of RIII Staff	Greenman

MARCH 9, 1990

ENCLOSURE 9

Region IV Meeting Notice

March 9, 1990

<u>Date</u>	<u>Docket Number</u>	<u>Location</u>	<u>Purpose</u>	<u>Attendees/ Applicant</u>	<u>RIV Contact</u>
3/13/90 10:00	50-458	RIV	Enforcement conference - Gulf States Utilities	GSU mgmt	LConstable

MARCH 9, 1990

ENCLOSURE Q