

April 26, 1989

For: The Commissioners
From: James L. Blaha, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING APRIL 21, 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 APRIL 21, 1989

Seabrook Unit 1

On April 5, 1989, Judd Gregg, Governor of New Hampshire, took action to petition the U.S. Bankruptcy Court in New Hampshire to prevent low power testing of Seabrook Station. On April 13, 1989, Governor Gregg announced that he was taking action to withdraw his petition to the U.S. Bankruptcy Court. This action came as a result of an agreement reached between the State of New Hampshire and Public Service Company of New Hampshire (PSNH). The agreement has to do with PSNH bearing all financial risks and passing no part of the costs of Seabrook decommissioning to the rate payers (in the event low power operation is allowed and full power operation is not authorized).

PILGRIM - Withdrawal of Recommendation for Release from 25% Power Holdpoint

The Pilgrim Restart Assessment Panel determined that its deliberation of the 25% power NRC approval point in the licensee's power ascension program needs to incorporate a review of the April 12, 1989 event involving the Reactor Core Isolation Cooling (RCIC) system.

On April 14 the Pilgrim Restart Panel withdrew its recommendation to release the licensee from the 25% power approval point pending evaluation of the results of the Augmented Inspection Team that was formed to evaluate the circumstances surrounding the April 12 event. The Acting Regional Administrator, Region I, has been informed.

Kerr-McGee West Chicago Rare Earths Facility

At the request of U.S. Representative Hastert of Illinois, staff members from the Fuel Cycle Safety Branch, the State Agreements Program, and Congressional Affairs met with the Congressman and members of his staff on April 17, 1989. The Congressman was aware of the recent application filed by the Governor of Illinois to amend the State Agreement with the Commission to add regulatory jurisdiction for mill tailings byproduct material. He also had been informed of the completion of the staff's Final Supplement to the Environmental Impact Statement for the Kerr-McGee West Chicago Rare Earths Facility. In this document, the staff concludes that the appropriate alternative for several hundred thousand cubic meters of thorium-bearing residues remaining at the Kerr-McGee facility in West Chicago is disposal onsite in an engineered disposal cell, as proposed by the licensee. The NRC staff explained the process and possible timing for amendment of the Illinois State Agreement, if approved by the Commission. Such approval by the Commission would transfer jurisdiction of the Kerr-McGee West Chicago facility to the State. Representative Hastert also was informed that, pending amendment of the Agreement, the NRC proceeding on the Kerr-McGee proposal for the West Chicago site would continue on a schedule to be established by the Atomic Safety and Licensing Board. He was also informed that a prehearing conference is being held by the Board on April 24, 1989, when it is expected that future scheduling will be discussed with the parties (Kerr-McGee, the Illinois Attorney General, and the NRC staff).

Office of Nuclear Reactor Regulation
Items of Interest
Week Ending April 21, 1989

Seabrook Unit 1

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Seabrook Unit 1

The Massachusetts Municipal Wholesale Electric Company (MMWEC), (one of the 12 Seabrook joint owners) which owns 11.6 percent of Seabrook Station, announced on June 1, 1988 that it was discontinuing its monthly payments to the project. Since that announcement, other joint owners have made contributions to replace MMWEC's share.

In the meantime, a financial agreement was worked out between Public Service Company of New Hampshire (PSNH) and MMWEC. The agreement was submitted to the U.S. Bankruptcy Court in New Hampshire for approval. On April 14, 1989, the U.S. Bankruptcy court approved the agreement which contains several points, among them:

- ° PSNH assumes MMWEC's monthly payments and assumes up to \$30 million in Seabrook-related debt.
- ° MMWEC continues to maintain its 11.6 percent share of the project.
- ° PSNH is no longer bound to purchase electricity from MMWEC's share of Seabrook Station when it begins operation.
- ° MMWEC and other Joint Owners agree to give up any legal claims against PSNH.

The approval is seen as an action that will ensure continued financial stability for the Seabrook Station project.

In a separate action, the U.S. Bankruptcy Court in New Hampshire also approved an agreement reached on April 13, 1989 between the State of New Hampshire and PSNH, in which the State withdrew the attempt to block low-power testing at Seabrook Station.

PILGRIM - Withdrawal of Recommendation for Release from 25% Power Holdpoint

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to incorporate a review of the April 12, 1989 event involving the Reactor Core Isolation Cooling (RCIC) system.

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Turkey Point Units 3 and 4 and St. Lucie Units 1 and 2

On April 14, 1989 Florida Power and Light Company announced changes in the top management of their organization. The changes are summarized below:

Mr. W. F. Conway, Senior Vice President, Nuclear Energy Department has accepted a promotional opportunity with another utility and will be leaving FPL on May 5, 1989. Mr. K. N. Harris, Site Vice President, St. Lucie Plant will assume the responsibility as Site Vice President, Turkey Point, replacing Mr. J. S. Odom. Mr. D. A. Sager is appointed Site Vice President, St. Lucie, replacing Mr. Harris. Mr. R. J. Acosta, Director of Quality Assurance, will fill the position of Vice President, Nuclear Energy on an acting basis.

All of the nuclear activities will continue to report to the Senior Vice President, Nuclear Energy. This position will be filled on an acting basis by Executive Vice President, C. O. Woody.

Arkansas Nuclear One, Unit 2

On April 18, 1989 at 9:41 a.m. (CST) a rupture in a 14-inch extraction steam line off the main generator high pressure turbine resulted in a main turbine trip followed by a reactor trip on high reactor pressure. The licensee believes the "fish mouth" shaped 180° circumferential rupture was due to pipe wall thinning from an erosion process. Suspecting either a feedwater or main steam break, the plant operators isolated the steam generators and used the atmospheric dump valves for decay heat removal. Emergency feedwater (EFW) actuated automatically on low steam generator level. However, the turbine driven EFW pump tripped on overspeed while starting. Initial cooldown was performed using the atmospheric dump valves because main condenser vacuum was lost. The vacuum was later restored and cooldown was completed using the main condensor. The plant is currently in Mode 5. Region IV inspectors are onsite performing a followup inspection of the event. Startup is anticipated in about one week.

NRC Involvement in Software QA

During the week of April 10, 1989, NRR supported a quality assurance fact-finding visit to the South Texas site. The purpose was to explore potential NRC involvement (i.e., Temporary Instructions) in maintaining computer software quality for both 1E and Non-1E systems. This visit will be followed by a visit to Westinghouse, a CE plant and CE headquarters which will lead to a final recommendation from LQAB regarding NRC involvement in software QA.

Valve Body Wall Thinning

The staff met with the BWR Owners Group (BWROG), Valve Body Erosion Committee, and NUMARC to discuss the status of the BWROG program to resolve the

generic safety-related valve erosion concern that was raised as a consequence of cavitation-erosion problems at Brunswick. The objective of the BWROG proposed program is to provide a guidance document for BWRs to establish and implement a valve assessment/inspection program in order to eliminate valve erosion problems. A preliminary assessment by the Owners Group indicates that no plants have reported wall thicknesses below code allowable.

The BWROG will survey all member utilities to a) identify all safety-related valves used for throttling, b) existence or non-existence of cavitation and erosion in throttling valves, and c) methods currently utilized to eliminate cavitation. This information will be incorporated in the BWR guidance document. The staff requested that the survey be extended to include foreign BWRs. Prior to preparing the final BWROG guidance report in September 1989, the BWROG has agreed to meet with the staff to assure satisfactory resolution of the valve body erosion issue. We consider the BWROG proposed course of action and schedule to be consistent with the concerns expressed in Information Notice 89-01.

NUMARC informed the staff that the three PWR Owners Groups have been notified to review Information Notice 89-01 "Valve Body Erosion" as it relates to PWR safety-related systems. The staff will be kept informed by NUMARC on PWR valve body erosion status.

Office of Nuclear Material Safety and Safeguards
Items of Interest
Week Ending April 21, 1989

SAFEGUARDS

Domestic

Public Service of Colorado Company and Nuclear Fuel Service Sign Contract

The Public Service of Colorado Company and Nuclear Fuel Service (NFS), Erwin, TN, have come to an agreement and signed a contract for the storage of special nuclear material currently being stored at General Atomics. In addition, NFS will also take possession of segment 10, which is the last remaining fuel segment at Fort Saint Vrain. Currently, arrangements are being made to ship the material from the General Atomics facility and the reactor site to NFS Erwin. This matter is being discussed with the Department of Energy because there is no commercial carrier capable of handling Category I material in the United States.

Transportation

Meeting on TRUPACT II Application

On April 12-13, 1989, Transportation Branch staff met with DOE, Westinghouse, and Nuclear Packaging (NUPAC) to discuss NUPAC's application for the TRUPACT II shipping package. The application, submitted March 3, 1989, covers only the contents of the TRUPACT II package; the structural integrity of the package will be addressed in a later submittal. The purpose of the meeting was to allow NUPAC to address some of the concerns identified in NRC's initial review of the package's contents. Discussion centered on TRU waste characterization, compatibility of waste forms, gas generation and controls needed to assure safety in package loading and transportation. The Transportation Branch will submit written questions to NUPAC at a later date.

Shipment of Cesium Capsules by DOE

On April 18, 1989, the Transportation Branch met with Westinghouse Hanford Company (WHC), a Department of Energy contractor, to discuss the shipment of cesium chloride capsules in a modified Model 1500 shipping container. The Model 1500 shipping container is approved for the shipment of cesium chloride capsules in special form. However, because DOE cannot verify that many of the existing capsules still qualify as special form, WHC has proposed to ship the capsules in a specially designed sealed container placed within the Model 1500 shipping container. An application for the modified Model 1500 shipping container is expected in July 1989.

HIGH-LEVEL WASTE MANAGEMENT

Staff Observation of Fenix & Scisson

Division of High-Level Waste Management representatives observed a DOE audit of its architect-engineer Fenix & Scisson (F&S) for drilling and mining in

the exploratory shaft facility on the Yucca Mountain Project the week of April 10, 1989. The purpose of the staff observation was to gain confidence in the adequacy of the DOE quality assurance (QA) program before new work is begun. The DOE audit was limited in scope to a review of procedures only and not their implementation, since F&S has not begun Title II design. The staff found the audit to be acceptable for the areas examined. The DOE audit team found the F&S QA program to be acceptable. The staff will be observing DOE's audits and surveillances of the implementation of the F&S program on a continuing basis and will issue a summary report of its observations shortly.

INDUSTRIAL AND MEDICAL NUCLEAR SAFETY

Fuel Cycle Safety

Kerr-McGee West Chicago Rare Earths Facility

At the request of U.S. Representative Hastert of Illinois, staff members from the Fuel Cycle Safety Branch, the State Agreements Program, and Congressional Affairs met with the Congressman and members of his staff on April 17, 1989. The Congressman was aware of the recent application filed by the Governor of Illinois to amend the State Agreement with the Commission to add regulatory jurisdiction for mill tailings byproduct material. He also had been informed of the completion of the staff's Final Supplement to the Environmental Impact Statement for the Kerr-McGee West Chicago Rare Earths Facility. In this document, the staff concludes that the appropriate alternative for several hundred thousand cubic meters of thorium-bearing residues remaining at the Kerr-McGee facility in West Chicago is disposal onsite in an engineered disposal cell, as proposed by the licensee. The NRC staff explained the process and possible timing for amendment of the Illinois State Agreement, if approved by the Commission. Such approval by the Commission would transfer jurisdiction of the Kerr-McGee West Chicago facility to the State. Representative Hastert also was informed that, pending amendment of the Agreement, the NRC proceeding on the Kerr-McGee proposal for the West Chicago site would continue on a schedule to be established by the Atomic Safety and Licensing Board. He was also informed that a prehearing conference is being held by the Board on April 24, 1989, when it is expected that future scheduling will be discussed with the parties (Kerr-McGee, the Illinois Attorney General, and the NRC staff).

Materials Licensing

Meeting with the Department of Veterans Affairs

On Wednesday, April 12, 1989, representatives of the Division of Industrial and Medical Nuclear Safety (IMNS); Medical, Academic, and Commercial Use Safety Branch, attended a meeting with representatives of the Nuclear Medicine Service, Department of Veterans Affairs (VA). During the meeting, the Director of Nuclear Medicine Service presented information on the current status and future plans for improving the VA's radiation safety programs in the 130 medical centers offering nuclear medicine services. Additionally, a comprehensive briefing was given on the VA's nuclear medicine network.

Also discussed was VA's plans for training Regional Industrial Hygienists in specific aspects of radiation safety and NRC regulations to enable them to

perform quality assurance audits on medical facilities offering nuclear medicine. IMNS was asked to consider supporting these familiarization programs. NMSS has previously performed such assistance at the VA's Engineering Training Center in Little Rock, Arkansas.

APRIL 21, 1989

ENCLOSURE B

Office of Nuclear Regulatory Research
Items of Interest
Week Ending April 21, 1989

Integrity of Reactor Components

Information Exchange Meeting: NRC/NUMARC/EPRI/Equipment Qualification
Advisory Group

Members of the DE/RES staff participated in an information exchange meeting with the staff of NUMARC, EPRI and its Equipment Qualification Advisory Group (EQAG) on April 12, 1989. The purpose of the meeting was to review EPRI-EQAG interactions with the NRC's plant aging research program, to discuss the status of the NPAR and EPRI activities related to plant aging, and to discuss ways to optimize resources for complimentary research and for the industry to share a larger burden for future aging research. NUMARC is expected to assume an increased role in coordinating the technical elements and activities of aging research between the NRC-NPAR research and the industry, organize a Joint workshop with NRC to develop a consensus document on definitions and terminology useful to address plant aging, and facilitate industry cooperation for sharing operating experience, insitu aging assessments, and post service examination and tests of naturally aged components.
Contact: J. Vora, RES (301/492-3854)

Meeting with Bechtel-Kraftwerk Union (B-KWU) Alliance to Discuss MOV
Experiences

On April 14, a meeting was held with representatives of the B-KWU Alliance. The meeting was attended by staff members from RES, NRR, AEOD, and ACRS. The purpose of the meeting was for the Alliance (mainly KWU) to inform the staff about problems that have been experienced on German MOVs and about the program that has been implemented to improve their MOV reliability. They showed that implementing simple initial qualification tests and periodic diagnostic tests, to develop trending data, improves their MOV reliability and results in significantly improved plant availabilities. The Alliance also informed the staff of their plans to set up a pilot program with a U.S. plant to demonstrate that similar improvements are possible in the United States.

Contacts: G. Weidenhamer, RES (301/492-3839)

M. Vagins, RES (301/492-3825)

Cavity Dosimetry of Trojan Vessel Supports

On April 12, 1989, A. Taboada of RES and NRC contractors from ORNL and NIST met with representatives of Portland General Electric Co. at the Trojan Nuclear Power site to discuss the possibility of doing cavity dosimetry measurements in the Trojan reactor as part of the NRC effort to resolve GSI-15 "Radiation Effects on Reactor Vessel Supports". The PGE people appeared to be very favorably disposed to make the measurements and agreed to supply NRC with design information and power distribution measurements that might be needed to design a test rig. It appears possible to place reactor flux monitor sets at several locations of the cavity region that would provide data to permit a more precise characterization of the fluences and fluence rates at the vessel

supports. The test rig could be installed at the next outage in April 1990, permitting time to do the design and construction of the test rig.
Contact: A. Taboada, RES (301/492-3838)

Confirming the Safety of High Level and Low Level Waste Disposal

Validation of Ground-Water Flow and Transport Models

On April 11-12, 1989, NRC's Office of Nuclear Regulatory Research and DOE's Office of Civilian Waste Management hosted an INTRAVAL Meeting of U.S. Participants working on INTRAVAL Test Cases. The INTRAVAL study, an international project organized by the Swedish Nuclear Power Inspectorate, examines validation of ground-water flow and transport models. The participants included members of the INTRAVAL Secretariat from Sweden; technical specialists from universities, (e.g., New Mexico State University, University of Arizona); technical staff from national laboratories (e.g., PNL, LANL, SNL, and LBL); and representatives of Federal and State agencies (e.g., NRC, USGS, Texas Bureau of Economic Geology). Observers included NRC licensing staff, and other NRC and DOE contractors.

The workshop presentations reviewed laboratory and field experiments and data for validating radionuclide transport models. Numerical simulations of these studies by the various INTRAVAL project teams were discussed. The experimental data and simulation results covered various media, hydrologic conditions, and spatial and temporal scales related to radioactive waste disposal issues. Of particular interest to the NRC staff were the presentations on the three unsaturated zone test cases (i.e., Apache Leap Tuff Site, Las Cruces Trench, and the G-tunnel experiments). The workshop focused in part on the field and laboratory studies being conducted for the NRC by the University of Arizona for validating unsaturated flow and transport models for fractured media (i.e., Apache Leap Tuff Site), and for heterogeneous porous media (i.e., Las Cruces Trench). Also discussed was a synthetic experiment test case developed by R. Codell, NMSS and colleagues from NAGRA (Switzerland) and PNL.

The principal objective of the meeting was to prepare for the 4th INTRAVAL Workshop scheduled for June 12-16, 1989 in Helsinki, Finland. Another interim workshop on INTRAVAL unsaturated test cases is tentatively planned for Fall 1989 in the U.S.

Contact: Thomas J. Nicholson, RES (301/492-3856)

Part 61, "Land Disposal of Radioactive Waste"

On May 18, 1988, the Commission published a notice of proposed rulemaking (53 FR 17709) which would require geologic repository disposal of greater-than-Class C low-level radioactive waste, unless an alternative method of disposal were approved by the Commission. This action was taken in lieu of revision of the definition of high-level radioactive waste. The staff has reviewed the public comments on the proposed amendments to Part 61, and on April 17, 1989, forwarded 10 CFR 61--Land Disposal of Radioactive Waste to the Commission for approval. The final rulemaking for disposal of greater-than-Class C LLW does not differ significantly from the proposed amendments.
Contact: Clark Prichard, RES (301/492-3884)

Resolving Safety Issues and Developing Regulations

Semiannual Meeting of the NRC and ENEA

Preparations have been underway with Mr. Carlo Zaffiro of the Italian Energy Agency (ENEA) for the semiannual meeting of the NRC and ENEA. The goal of these discussions is to exchange information and views on the safety and licensing of future nuclear power plants, with emphasis on those advanced designs with passive safety features. The Italian delegation will be led by Mr. Naschi, Director of ENEA/DISP. Informal meetings will be held during the week beginning Monday, April 24, 1989, with formal meetings on Wednesday, April 26, from 1:30 to 5:00, and Thursday, April 27, from 9:00 to 5:00 in room 013 NL/S. The final meeting will be on Friday, April 28, from 9:00 to 11:00 in room 14B11, WFN. From 11:00 until adjournment on April 28, the delegation will meet with Chairman Zech.

Publications to be Issued in the Near Future

Title: Maintenance Programs for Nuclear Power Plants
(Draft Regulatory Guide)

Description: This draft regulatory guide proposes methods acceptable to the NRC staff for meeting the requirements of a new amendment to 10 CFR Part 50, which is §50.65, "Requirements for Maintenance Programs of Nuclear Power Plants."

Contact: Moni Dey, RES (301/492-3730)

Title: Standard Format and Content for the Safety Analysis Report for an Independent Spent Fuel Storage Installation or Monitored Retrievable Storage Installation (Dry Storage)
(Reg. Guide 3.48, Rev. 1)

Description: This guide describes the information needed for a Safety Analysis Report for a dry independent spent fuel storage installation or a dry monitored retrievable storage installation and presents a format for the Safety Analysis Report.

Contact: C. W. Nilsen, RES (301/492-3834)

Office for Analysis and Evaluation of Operational Data
Items of Interest
Week Ending April 21, 1989

Diagnostic Evaluation and Incident Investigation Branch (DEIIB)

On April 21, the Brunswick Diagnostic Evaluation Team completed its initial 2-week onsite evaluation. The team will return to Headquarters on April 24-28 to continue its evaluation and planning for the third week of onsite work.

The formal exit meeting with the Cleveland Electric Illuminating Company (CEI) on the results of the Perry Diagnostic Evaluation is scheduled for April 24, 1989.

Preparations for the third IIT training course to be held on July 25 through August 4, 1989 are continuing. INPO has agreed to send one staff member to the course.

Technical Training Center (TTC)

A contract for continued presentation of the Inspecting for Performance Course (G-303) has been awarded to BARTECH, Incorporated. The contract period of performance is five (5) years. Contract cost is \$66,825 for presentation of 15 courses (at the rate of 3 per year) plus related travel. Additional courses can be presented each year if necessary. This contract continues training which was previously developed by NRR and then turned over to the TTC for continued implementation.

Preliminary Notifications

- a. PNO-I-89-026, New England Medical Center Hospital (Docket No. 030-01868), Diagnostic Misadministration
- b. PNO-I-89-030A, Li Tugsten Company (Non-Licensee), Thorium Contaminated Site
- c. PNO-II-89-29, Carolina Power & Light Company (H. B. Robinson), Unscheduled Shutdown.
- d. PNO-II-89-30, Farley Units 1 and 2, Minor Contamination of Worker's Clothes.
- e. PNO-III-89-23, Siemens Medical System (License No. 12-00369-02), Stolen Sealed Sources.
- f. PNO-III-89-24, Indiana University School of Medicine (License No. 13-02752-08), Teletherapy Misadministration.
- g. PNO-III-89-25, Commonwealth Edison Company (Braidwood Unit 1), Shutdown to Repair Main Turbine Governor Valve.
- h. PNO-III-89-26, Indiana Michigan Power Company (Docket No. 50-315), Potential Equipment Tampering.

- i. PNO-III-89-27, Commonwealth Edison Company (Quad Cities Unit 1), Relief Valve Stuck Open During Testing.
- j. PNO-III-89-28, Detroit Edison Company (Fermi 2), Fire In Office Building.
- k. PNO-IV-89-28, Arkansas Power & Light Company (Arkansas Nuclear One, Unit 2), Shutdown Greater Than 48 Hours.
- l. PNO-V-89-21, General Atomics (Docket No. 50-163), Control Rod Failure to Insert on Manual Scram.
- m. PNO-V-89-22, General Electric Nuclear Energy (Docket No. 50-73), Aerotest Operations, Inc. (Docket No. 50-228), University of California (Docket No. 50-224), Earthquake Ten Miles Northeast of San Jose, California.
- n. PNO-V-89-23, University of California (Docket No. 50-326), Southern California Edison (Songs Unit 1, 2, 3), Earthquake in Southern California.
- o. PNO-V-89-24, Pacific Gas & Electric Company (Diablo Canyon Unit 2), Shutdown Greater Than 48 Hours to Repair a Leaking Pressurizer Code Safety Valve.
- p. PNO-V-89-25, Southern California Edison (San Onofre Unit 3), Unscheduled Shutdown Greater Than 48 Hours; Atmospheric Dump Valve Problems; and Leak in Safety Injection Vent Line.

Office of Government and Public Affairs
Items of Interest
Week Ending April 21, 1989

INTERNATIONAL PROGRAMS:

International Visitors

On Monday Mr. Miroslav Gregoric, Director of Slovenian Administration for Nuclear Safety and Dr. Borut Mavko, Head, Reactor Engineering Division, Jozef Stefan Institut in Yugoslavia, discussed NRC's safety information cooperation with Yugoslavia, siting for low and medium radioactive waste, operator licensing, new trends in technical specifications, steam generator tube degradation and plugging margins, ICAP and thermal dynamics research, PRA applications and research cooperation with NRC staff members.

Meeting with Mexican Official

On Friday, D. Chaney of GPA/IP met with Ing. Jose Luis Delgado, Director of Nuclear Safety at the Mexican National Nuclear Safety and Safeguards Commission (CNSNS). Ing. Delgado had just attended the NRC Regulatory Information Conference, which he found to be extremely useful. Among the items of interest:

- a. Delgado was advised that the Technical Training Center can schedule a BWR simulator course for four Mexican engineers in October. Delgado was very pleased with TTC's quick response and will confirm CNSNS acceptance of the dates shortly.
- b. Delgado was not aware of the NRC invitation to sponsor a Mexican observer at the Byron OSART next month or the negative response the IAEA had reported receiving from Mexico. He thought it would be a valuable training opportunity that should not be passed up and will pursue this further upon his return. He will advise NRC of the outcome as soon as possible;
- c. Laguna Verde has reached 20% power, but is being limited to that by the CNSNS because of incomplete emergency planning and training (outside the plant boundary). Laguna Verde was connected to the grid April 13. The CNSNS still projects full power operation by the end of 1989.

EXPORT/IMPORT

Licenses for export/import were issued to:

- 1) Cleveland Crystals, Inc. for export of 1,500.0 kilograms of deuterium oxide for upgrading at Ontario Hydro and return to the U.S. The shipment of Canadian-origin material is authorized.
- 2) Transnuclear, Inc. for the export of 12, 985.0 kilograms of low-enriched uranium for use as reload fuel for Bugey 3 in France.

- 3) Transnuclear, Inc. for the export of 12,985.0 kilograms of low-enriched uranium for use as reload fuel for Fessenium-2 in France.
- 4) Transnuclear, Inc. for the increase of high-enriched uranium from 23.390 kilograms to 94.190 kilograms for use as fuel for the HFR-Grenoble reactor in France.
- 5) Westinghouse Electric Corporation for the export of 120.0 kilograms of low-enriched uranium for the return of defective fuel rods in Sweden. The shipment of 60.0 kilograms of Australian and 60.0 kilograms of Australian and 60.0 kilograms of Canadian-origin material is authorized.
- 6) Nissho-Iwai American Corporation for the increase of low-enriched uranium from 147.640 kilograms to 186.140 kilograms for use as fuel for the JMTR reactor in Japan and to increase the expiration date.
- 7) Nissho-Iwai American Corporation for the increase of low-enriched uranium from 23.452 kilograms to 34.630 kilograms for use as fuel for the JRR-2 Research Reactor in Japan and to increase the expiration date.
- 8) Edlow International as agent for Empresa Nacional Del Uranio, S.A. for the export of 20,834.0 kilograms of low-enriched uranium for use as reload fuel for ASCO I in Spain. The shipment of 37,566.902 kilograms of Canadian origin natural material in 5,690 kilograms of product is authorized.
- 9) Braunkoble Transport USA, Inc. for the export of 26,280.0 kilograms of low-enriched uranium for use as initial core loading for the Trillo Reactor in Spain. The shipment of 2,944.956 kilograms of Canadian-origin material is authorized.

STATE, LOCAL AND INDIAN TRIBE PROGRAMS

Michigan Low-Level Waste Authority Meeting

James Foster, Acting Chief, Region III State and Government Affairs, attended a Michigan LLW Authority meeting on April 17, 1989 in Lansing, Michigan. The purpose of the meeting was to provide an opportunity for Michigan's LLW generators to have questions answered regarding a questionnaire on LLW generation. The Michigan LLW Authority has developed this questionnaire to gather data on the types and volume of LLW expected to be generated in the State. This data is intended to be used by the Authority in planning for the LLW disposal facility in Michigan.

State Training Cost-Sharing Task Force Meeting

The State Training Cost-Sharing Task Force held its second meeting on April 17-18, 1989 in Arlington, Texas. The Task Force is reviewing and evaluating the current NRC State training program and developing recommendations on alternatives for funding and sharing the costs of the present program. The third Task Force meeting is scheduled for May 1-2, 1989 in Chattanooga, Tennessee. The Task Force report is scheduled to be completed in June.

Kentucky Radiation Control Program Review Visit

Richard Woodruff, Region II State Agreements Officer, conducted a mid-review visit of the Kentucky Radiation Control Program on April 18-21, 1989 in Frankfort, Kentucky. The visit included an inspector accompaniment of an inspection. The purpose of a visit is to assess the status of the State's radiation control program and to assist the State in preparing for a routine review.

NRC Regulatory Information Conference

Representatives from the States of New York, Pennsylvania, Massachusetts, New Hampshire, Maine, Oregon, New Jersey, Washington, Texas, Ohio and Illinois attended the NRC Regulatory Information Conference held in Washington, D. C. on April 18-20, 1989. Fred Combs, Assistant Director of State, Local and Indian Relations, participated in a roundtable session on April 20 on state participation at nuclear power plants.

Public Meeting on Neutron Products

Carlton Kammerer, Director, State, Local and Indian Tribe Programs, and John McGrath, Region I State Agreements Officer, attended a public meeting on Neutron Products, Inc. held by Maryland House of Delegates member Gene Counihan in Barnesville, Maryland on April 19, 1989. The purpose of the public meeting was to review the shutdown order issued to Neutron Products by the Maryland Department of the Environment, to review the current status of the facility, and to discuss future actions to be taken.

CONGRESSIONAL HEARINGS SCHEDULE (CA)

<u>OCA ASSIGNMENT</u>	<u>DATE</u>	<u>TIME</u>	<u>WITNESS</u>	<u>SUBJECT</u>	<u>COMMITTEE</u>
Combs	4/13-20/89	2:00	Non-NRC	S. 83, Amend. 6, DOE's Uranium Enrichment Program	Sub on Energy Research and Development Senate Energy and Natural Resources (Senator Wendell Ford)
Keeling	04/20/89	9:30	Non-NRC	Possible Climatic Surprises Caused by Global Warming	Sub on Science, Technology and Space Senate Commerce, Science and Transp (Senator Don Riegle, Jr.)
Combs	05/2/89	9:30	Non-NRC	S. 83, Amend. 10, Cleanup of Title II Sites	Sub on Energy Research and Development Senate Energy and Natural Resources (Senator Wendell Ford)
Callahan/ Combs	05/04/89			Commanche Peak Agreements	Sub on Nuclear Regulation Senate Environment and Public Works (Senator John Breaux)
Gerke/ Callahan	05/11/89	10:00	Commission	Standardization Rule	Sub on Energy and Power House Energy and Commerce (Representative Philip Sharp)

APRIL 21, 1989

ENCLOSURE E

Office of Administration
Items of Interest
Week Ending April 21, 1989

Division of Contracts and Property Management

A Working Group of Program Offices has been convened to discuss comments on guidance for seeking alternate sources and for negotiating and closing out DOE National Laboratory Agreements. This group will later review proposed changes to Chapter/Bulletins 1102 and 1401.

Division of Freedom of Information and Publications Services

Printed copies of the Chairman's Report on the August 1988 NRC Delegation Trip to the Soviet Union have been distributed.

Significant FOIA Requests Received by the NRC for 5-Day Period
April 14 - April 20, 1989

Referral from the Department of the Air Force of records subject to a request regarding the spill of Americium-241 at Wright-Patterson Air Force Base in Dayton, Ohio. (Wes Hills, Dayton Daily News, FOIA-89-151)

Referral from the Justice Department of records subject to a request regarding Radiation Technology Corporation. (Linda Bertrand of Cohen, Shapiro, Polisher, Shiekman and Cohen, FOIA-89-152)

Request for all internal NRC records created during 1984 and 1985 regarding resolution of open issues in the licensing process. (Lynn Connor, DOC-SEARCH Associates, FOIA-89-153)

Request for copies of the contract or purchase order under RS-ARM-89-171 and the bid history. (Gary B. Robbins, Gulf Coast Automation, Inc., FOIA-89-156)

Request for copies of all records related to the transfer of the State of Washington radioactive materials license for the Sherwood Uranium Mill from Western Nuclear, Inc., to the Spokane Indian Tribe. (Charles Blumenfeld, Bogle & Gates, FOIA-89-157)

Requests for solicitation mailing lists for three NRC procurement actions, RS-ARM-89-031, RS-ARM-89-130, and RS-ARM-89-161. (Francis L. Rose, Marc Service Company, FOIA-89-159, FOIA-89-160, and FOIA-89-161)

Request for copies of NRC's responses to OMB Circular A-11 (reports 43a, 43b, and 43c). (Paul Stayert, Federal Data Service, FOIA-89-162)

Office of Information Resources Management
Items of Interest
Week Ending April 21, 1989

1. Master Inspection Planning System - Phase II

Design meetings were held with the project team and OEDO staff. Three new online report requirements were identified. The process specifications are being updated to reflect the new material. Work continues on developing the specifications for the "bare-bones" interfaces and data maintenance screens for the Vendor, Materials, Fuel Facility and other docket related entities necessary to retire the "766" System.

2. SINET Data Dictionary Update Published

A revision of the SINET Data Dictionary reflecting the new data added to SINET in conjunction with the Procedure Authority System and Master Inspection Planning System was distributed to SINET users this week.

3. 10 CFR 21 Revalidation

Comments have been received from the Vendor Inspection Branch, NRR, and AEOD on the consultant prepared revalidation of 10 CFR 21, "Reporting of Defects and Noncompliance." The Vendor Inspection Branch disagreed with the consultant's conclusions. AEOD disagreed but to a lesser extent. Meetings between IRM staff, the consultant, and the technical staff are being scheduled to resolve the issues.

Office of Personnel
Items of Interest
Week Ending April 21, 1989

Arrivals

The following new employees reported this week:

Serona Mosby, Secretary (PFT), IRM
George Usova, Training and Assessment Specialist (PFT), NRR
Thomas Dexter, Physical Security Inspector (PFT), RI

Departures

Marianne Swanson, Systems Security Specialist (OPFT), IRM
Albert Morrongiello, Resident Inspector (PFT), RIII
John P. O'Brien, Resident Inspector (PFT), RV

Office of Small and Disadvantaged Business
Utilization and Civil Rights
Items of Interest
Week Ending April 21, 1989

During April 19-21, 1989, the Director, OSDBU/CR, met with the Deputy Regional Administrator at Region IV to discuss EEO programs. He also met with the Federal Women's Program Regional Coordinator and the incoming and outgoing EEO Counselors in that region.

Small and Disadvantaged Business Utilization Program

The National Association for Equal Opportunity in Higher Education (NAFEO) and the Presidents and Chancellors of the nation's 117 Historically Black Colleges and Universities (HBCU) just concluded this year's conference on Blacks in Higher Education. This year's conference marked the 20th year anniversary and was held at the Washington Hilton Hotel April 19-23, 1989. The theme for the conference was, "In Retrospect and Prospect." It focused on issues, events and developments during NAFEO's 20 years of service. It also emphasized the tremendous job that HBCUs have done and are continuing to do in educating minorities and other individuals that are making outstanding contributions in all phases of our society. NRC presently has several initiatives with HBCUs. OSDBU/CR staff attended the conference.

President Bush is scheduled to appoint a new Director of the White House Initiative staff next week. This person will coordinate all HBCU activities for the White House.

Civil Rights Program

EEO Training for New Managers and Supervisors is scheduled for June 13 and 22, 1989. More detailed information is forthcoming.

Office of Enforcement
Items of Interest
For the Week Ending March 21, 1989

The following Significant Enforcement Actions were taken the week of March 17, 1989

1. A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$5,000 was issued on April 18, 1989 to Mayaguez Medical Center, Mayaguez, Puerto Rico. The action was based on numerous violations that in the aggregate were considered to represent a serious breakdown in management control of licensed activities. The base civil penalty was increased 100% because of the licensee's poor past performance and because NRC identified the violations. (EN 89-39)
2. A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$2,500 was issued on April 18, 1989 to Lee County Community Hospital, Pennington Gap, Virginia. The action was based on an incident in which the minutes of a quarterly Radiation Safety Committee meeting were falsified by copying the minutes of another meeting, changing just the date. The altered document was placed in the licensee's file as representing the minutes of another quarterly Radiation Safety Committee meeting held in 1987. (EN 89-40)

The following Civil Penalties were paid the week of March 17, 1989

1. New York Power Authority (FitzPatrick) paid the civil penalty in the amount of \$75,000. The action was based on the licensee's failure to properly analyze two potential safety issues. In the first case, despite information available from a contractor's report, that questioned whether certain reactor building room coolers were receiving adequate service water flow, the licensee failed to evaluate system operability. In the second case, the licensee failed to recognize and evaluate the rise in ultimate heat sink temperature to a value 2.5°F above that assumed in the plant accident analysis. The escalation and mitigation factors of the Enforcement Policy were considered and in this case escalation of the civil penalty by 50% for multiple examples were deemed appropriate. (EA 88-304)
2. St. Joseph's Hospital, Huntingburg, Indiana paid the civil penalty in the amount of \$2,500. The action was based on seven violations which were identified during an inspection conducted on January 19, 1989. (EA 89-20)
3. Carolina Power & Light Company (Robinson) paid the civil penalty in the amount of \$50,000. The action was based on a violation involving failure of the 10 CFR 50.46, Appendix K required ECCS evaluation model used to reflect the most damaging single failure relative to the ECCS safety injection system. (EA 88-88)

Region I
Items of Interest
Week Ending April 21, 1989

1. Initial Responses To Safety Light Order Received

On March 16, 1989, NRC issued an Order Modifying Licenses (Effective Immediately) and Demand for Information (DFI) to Safety Light Corporation and nine other corporations relative to the Safety Light facility in Bloomsburg, PA. The Order and DFI specified submission of technical and financial information to enable the NRC to determine whether the licenses originally issued to U.S. Radium Corp. were transferred to successor corporations in violation of NRC requirements, and to identify the legal successor that should be responsible for cleanup of radioactive contamination of the Bloomsburg site. Safety Light and the other nine corporations have been identified as possible successors to U.S. Radium. At least partial initial responses to the Order have been received from all of the corporations. Each respondent has also requested either a hearing or other injunctive relief.

2. Visit By Representatives Of West Germany

On Wednesday, April 12, 1989, two technical specialists of the Technical Inspectorate of Bavaria, visited Region I on behalf of the Federal Republic of Germany. Messrs. P. Guglhor and K. Wunsch were briefed on radiation protection, effluent monitoring, post-accident sampling and accident response. During the week, they also visited Salem, Three Mile Island and Nine Mile Point.

3. Indian Point Unit 2

A Systematic Assessment of Licensee Performance (SALP) Board Meeting (Indian Point Unit 2) was held on April 20 with Region I staff and representatives of Consolidated Edison Company of New York, Inc. in the Region I office.

Region II
Items of Interest
Week Ending APRIL 21, 1989

1. FP&L Meets to Discuss Changes

On April 18, representatives of Florida Power and Light Company were in the Region to discuss program changes in their Turkey Point Emergency Plan and Emergency action levels as a result of the deficiencies noted in the recent operator licensing requalification examinations.

2. Oconee SALP

On April 21, the Regional Administrator, accompanied by selected Region II staff and representatives of NRR, was at the Oconee Nuclear Power Station, to present the Oconee SALP Board Assessment to representatives of the Duke Power Company.

3. International Visitors in Region

On April 19-20, Messrs. Chi-Li Chi and Gung-Min Ho from the Taiwan Atomic Energy Council were in the Region to discuss Operator Licensing issues.

On April 21, Mr. Arie de Joode, Reactor Safety Inspector, Ministry for Social Affairs and Employment, the Netherlands, concluded his study tour in the Region II Office which began on March 6.

Region III
Items of Interest
Week Ending April 21, 1989

1. Purdue University

Chairman Zech and a member of his staff visited Purdue to talk to Nuclear Engineering and Health Physics faculty, staff and students about the NRC and to encourage students to consider the Commission for future employment. Purdue possesses several licenses issued by the NRC including a research reactor, subcritical assemblies such as the Fast Breeder Blanket Facility, irradiators, and over 300 laboratories performing research with radioactive materials. The Chairman stressed that one of the NRC and industry's biggest challenges is to see that nuclear plants continue to operate safely. He stated that NRC staff are dedicated and involved in several aspects of this that should attract the students and that federal service can be very satisfying. The Chairman visited the Fast Breeder Blanket Facility and other research laboratories onsite. A Region III Branch Chief accompanied the Chairman and his staff.

2. Quad Cities

On April 17, 1989, Unit 1 was manually scrammed from 10% power due to a relief valve that stuck open during surveillance testing. The relief valve is part of the automatic pressure relief system. The valve and its pilot valve were replaced and the unit was returned to power on April 19, 1989. The replacement valve was successfully retested. The pilot valves were also replaced on three other relief valves and they were also successfully retested. The failed valve was disassembled and a piece of foreign material was discovered in the lower plate orifice hole. It is believed that this material prevented the repressurizing under the disc and the valve from closing.

3. Low Level Waste Conference

On April 17, 1989, the Region III State Liaison Officer attended a one-day conference for low level radioactive waste generators in the State of Michigan. The conference was for the purpose of answering questions from waste generators relative to Michigan's plans and progress in establishing a low level waste repository for the Midwest Low Level Waste Compact.

Region IV
Items of Interest
Week Ending April 21, 1989

1. URFO Meeting

On April 12, 1989, representatives of Union Pacific Resources - Minerals and their consultants met with URFO's reclamation team to discuss the reclamation plan for the Bear Creek Uranium Mill in Wyoming.

2. River Bend Station

River Bend Station began feedwater sparger repair work the evening of April 17, 1989. The work was performed by a team of approximately 20 divers under about 40 feet of water with the core in place. The major radiation burden to the divers comes from the feedwater sparger itself, and not from the core. Similar work has been performed at Susquehanna using many of the same divers. A Region IV Radiation Specialist was onsite to observe work activities. Region IV reviewed the preparations and precautions to be taken by the licensee.

3. Wolf Creek Generating Station

The Kansas Corporation Commission staff has been investigating replacement power costs incurred by Wolf Creek Nuclear Operating Corporation during the Wolf Creek Generating Station (WCGS) Refueling Outage 2 (September - December 1987) and a subsequent outage to replace damaged reactor vessel "o" ring seals (January 1988). On April 17, 1989, the Emporia, Kansas, local affiliate for National Public Radio reported that the Kansas Corporation Commission staff had finished its investigation and would recommend that the Kansas Corporation Commission determine \$6.4 million in replacement power costs as improper. The radio broadcast was heard by the WCGS SRI on his way to work and has not been verified.

On April 18, 1989, representatives from Wolf Creek Nuclear Operating Corporation met in the Region IV office to discuss proposed modification to their security program. The meeting was the result of a violation concerning their detection system which was identified during a recent inspection. The meeting was held at the licensee's request.

4. Technical Committee Formed to Evaluate Problems at Dawn Mining Company Mill, at Ford, Washington

Representatives from the Uranium Recovery Field Office attended the initial meeting of a technical committee convened by the Washington Department of Social and Health Services. The meeting, which was held April 18, 1989 at Wellpinit, Washington, on the Spokane Indian Reservation, was attended by 35 persons. Representatives were present from the Washington Governor's Office, the Washington Department of Social and Health Services, the Washington State Department of Ecology, the Spokane Tribe, the Bureau of Indian Affairs, Eastern Washington University, citizens groups, the Environmental Protection Agency, the Bureau of Land

Management, and the county government, in addition to the NRC. The state of Washington is considering alternatives for reclamation of the uranium mill tailings at Dawn Mining Company's Ford site. There are a number of concerns about existing environmental conditions at the site, particularly the impacts of ground-water contamination on Indian land, which abutts the Dawn site. Subcommittees were formed and plans were made to reconvene on May 18, 1989, in Wellpinit. Because of the NRC's roles of Agreement State audits and eventual responsibility for concurring with the final reclamation, the NRC declined to actively participate in the subcommittees, opting instead to provide technical assistance in the review of state actions evolving from the committee's deliberations.

ITEMS ADDRESSED BY THE COMMISSION - Week Ending April 21, 1989

A. STAFF REQUIREMENTS - DISCUSSION/POSSIBLE VOTE ON FULL POWER OPERATING LICENSE FOR VOGTLE UNIT 2, 2:00 P.M., THURSDAY, MARCH 30, 1989, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY to V. Stello, Jr., EDO dated 4/17/89

The Commission was briefed by the Georgia Power Company (applicant) and the staff on the applicant's readiness to receive a full power operating license for the Vogtle Electric Generating Plant, Unit 2.

Presentations by the licensee were made by the following:

- Robert Scherer, Chairman of the Board
- A. William Dahlberg, President
- Paul Rice, Executive Vice President
- R. Patrick McDonald, Executive Vice President, Nuclear Operations
- C. K. McCoy, Vice President, Nuclear
- George Bockhold, Vogtle Plant Manager

The Commission, with all Commissioners agreeing, authorized the staff to issue, upon finding that the licensee has satisfied all requirements, a full power operating license to Georgia Power Company for the Vogtle Electric Generating Plant, Unit 2.

In a separate vote, the Commission, with all Commissioners agreeing, authorized the staff, as part of its licensing process, to consider as final the finding of "no significant antitrust changes" made by the Director, Office of Nuclear Reactor Regulation. This completes Commission action on SECY-89-096 an Information paper, entitled "Finding of 'No Significant Change' Pursuant to the Operating License Antitrust Review of Plant Vogtle, Unit 2".

B. STAFF REQUIREMENTS - BRIEFING ON STATUS OF IMPLEMENTATION OF SEVERE ACCIDENT MASTER INTEGRATION PLAN, 9:30 A.M., THURSDAY, APRIL 13, 1989, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY to V. Stello, Jr., EDO dated 4/20/89

The Commission was briefed by the staff on the status of the master integration plan for implementing the Commission's programs on resolution of severe accident issues.

The Commission requested the staff to:

1. Continue to focus on consistency among all program elements.
2. Adhere to set schedules.

3. Assure quality resolution of issues.
4. On a periodic basis, inform the Commission on the status of implementation of the severe accident master integration plan. The paper should include schedules for resolution of the severe accident issues. In addition, the staff should recommend, for Commission approval, the proposed frequency for submitting the periodic update of the master integration plan.

The staff informed the Commission that it will transmit to the Commission the following documents for review and approval:

1. Draft NUREG-1150 (April 17, 1989);
2. Draft Safety Evaluation Report on the Department of Energy's PRISM Advanced Reactor (May 15, 1989); and
3. Paper on General Electric's Advanced Boiling Water Reactor (May 5, 1989).

C. STAFF REQUIREMENTS - BRIEFING ON IMPLEMENTATION OF SAFETY GOAL POLICY STATEMENT. 2:00 P.M., THURSDAY, APRIL 13, 1989, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY to V. Stello, Jr., EDO dated 4/20/89

The Commission was briefed by the staff on a proposal for implementing the Commission's safety goal policy statement.

Chairman Zech requested a Commission paper on staff's recommendation for use of probabilistic risk assessment (PRA) in resolving safety issues.

The Commission has scheduled on May 3, 1989, a meeting with the Advisory Committee on Reactor Safeguards (ACRS) to discuss ACRS recommendations on implementation of the Commission's safety goal policy statement.

D. STAFF REQUIREMENTS - BRIEFING ON STATUS OF ACTIVITIES WITH THE CENTER FOR NUCLEAR WASTE REGULATORY ANALYSIS (CNWRA), 9:30 A.M., THURSDAY, APRIL 6, 1989, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY to V. Stello, Jr., EDO dated 4/21/89

The Commission was briefed by the staff on the status and future activities of the Center for Nuclear Waste Regulatory Analysis (CNWRA) for licensing of the radioactive high level waste repository at Yucca Mountain, Nevada.

The Commission requested:

1. Continuation of periodic briefings by the staff on the CNWRA activities. At the next briefing the staff should report on the funding devoted for training purposes at the CNWRA, to ensure that the Center's staff maintains its technical excellence and keeps abreast of technology.
2. The Director of the Office of Nuclear Regulatory Research to prepare a paper outlining plans for transferring HLW research to the Center, as previously requested by the Commission, or to recommend a change to that policy.
3. That any request from other agencies for technical assistance from the CNWRA should be submitted to the Commission for review and approval.

Commissioner Curtiss requested that he be briefed by the staff on the focus and conclusions of the transportation risk study.

The staff indicated that it will submit to the Commission a report on a study identifying areas of regulatory deficiencies and uncertainties in 10 CFR Part 60.

E. STAFF REQUIREMENTS - BRIEFING ON RANCHO SECO, 10:00 A.M., FRIDAY, APRIL 7, 1989, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY to V. Stello, Jr., EDO dated 4/21/89

The Commission was briefed by the licensee for the Rancho Seco Nuclear Power Plant (the Sacramento Municipal Utility District) and the staff on an industry report regarding the management of Rancho Seco and the readiness of Rancho Seco to restart.

Presentations for the licensee were made by the following:

- Joseph Buonaiuto, President, Board of Directors
- David Cox, Vice President, Board of Directors
- Peter Keat, Board of Directors
- Edward Smeloff, Board of Directors
- David Boggs, General Manager, Rancho Seco
- Joseph Firlit, CEO Nuclear, Rancho Seco

The Commission, with all Commissioners approving, agreed not to object to resumption of power operations at Rancho Seco.

Chairman Zech requested that the staff continue its close monitoring of Rancho Seco for any trends that indicate a slackening of SMUD's commitment to safe operation of the facility.

F. STAFF REQUIREMENTS - AFFIRMATION/DISCUSSION AND VOTE, 11:30 A.M., FRIDAY, APRIL 7, 1989, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY to V. Stello, Jr., EDO and W. Parler, GC dated 4/21/89

I. SECY-89-036 - Rulemaking on Early Site Permits, Design Certifications, and Combined Licenses

This is to advise you that the Commission, by a 5-0 vote, approved the attached final rule amending 10 CFR to establish a new Part 52 and to make the necessary conforming changes to other sections of 10 CFR.

The final rule requires the staff to advise the Commission as soon as practicable of the need for criteria for judging the safety of designs offered for certification that are different from or supplementary to current licensing standards in 10 CFR Parts 20, 50, 73, and 100. In this regard, the Commission wishes to be consulted as soon as instances arise in the staff's review of a particular application where the staff is proposing to go beyond the requirements of 10 CFR Parts 20, 50, 73, or 100, so that the Commission can -- (1) determine whether such an approach is necessary or sufficient for the design under review and, (2) evaluate the generic nature of the issue and determine whether additional rulemaking is necessary or appropriate prior to the design certification rulemaking. In its review of applications for design certification, the staff should identify with particularity each different or additional safety criterion which it believes should be applied to the design under review, and provide an analysis for each such criterion which documents why the current regulatory standards require modification or supplementation for that particular design. In addition, the staff should prepare and transmit to the Commission, as soon as practicable, a similar analysis with regard to the EPRI design requirements document now under staff review.

Chairman Zech, while approving, would have preferred that the Commission retain for itself discretionary authority to impose additional measures to improve a certified design (and thus improve the plants built to that certified design). These measures would only have been imposed in instances where the Commission believed that there would be a significant improvement in the safety or reliability of plant operations.

- G. STAFF REQUIREMENTS - AFFIRMATION/DISCUSSION AND VOTE, 3:30 P.M., THURSDAY, APRIL 13, 1989, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY to W. Parler, GC dated 4/21/89

I. SECY-89-089 - Effectiveness Review of Final Initial Decision - Disposal of Accident-Generated Water at TMI-2

The Commission, by a 5-0 vote,* approved an order which finds that the Licensing Board decision granting General Public Utilities application for an operating license amendment that would delete prohibitions on disposal of the accident-generated water should be made immediately effective.

- H. STAFF REQUIREMENTS - AFFIRMATION/DISCUSSION AND VOTE, 3:30 P.M., THURSDAY, APRIL 20, 1989, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE) - SECY to W. Parler, GC and V. Stello, Jr., EDO dated 4/21/89

I. Commission Vote on Full Power Operating License for Shoreham Nuclear Power Plant

The Commission, by a 4-0 vote,** approved the NRC staff's request to authorize the Director of Nuclear Reactor Regulation to issue a full power operating license to the Shoreham Nuclear Power Plant.

In addition, the NRC staff is directed to keep the Commission currently informed of material developments relating to the executory agreement between LILCO and New York State and to make such additional readiness reviews as the passage of time dictates and the staff deems appropriate. These conditions are to remain in effect until such time as the Shoreham facility has reached commercial operation.

Commissioner Curtiss did not participate in this matter.

* Section 201 of the Energy Reorganization Act, 42 U.S.C. Sec. 5841, provides that action of the Commission shall be determined by a "majority vote of the members present." Commissioner Carr was not present when this item was affirmed. Accordingly, the formal vote of the Commission was 4-0 in favor of the decision. Commissioner Carr, however, had previously indicated that he would approve this paper and had he been present he would have affirmed his prior vote.

**Section 201 of the Energy Reorganization Act, 42 U.S.C. Sec. 5841, provides that action of the Commission shall be determined by a "majority vote of the members present." Commissioner Carr was not present when this item was affirmed. Accordingly, the formal vote of the Commission was 3-0 in favor of the decision. Commissioner Carr, however, had previously indicated that he would approve and had he been present he would have affirmed his prior vote.

II. SECY-89-115 - Issues Raised by Joseph J. Macktal in the
Comanche Peak Proceedings Including a Motion to Reconsider
CLI-88-12

The Commission, by a 4-0 vote,* approved an order denying a motion for "limited intervention" and a motion to reconsider the Commission's December 21, 1988, Order (CLI-88-12) denying another petition to intervene in the Comanche Peak proceedings.

The Commission also notes in the order that Mr. Macktal has challenged the settlement agreement between himself and the Brown and Root Corporation before the Department of Labor and that the DOL is the appropriate forum for such action. Further, the order emphasizes that the Commission's decision in CLI-88-12 was not intended as a Commission "stamp of approval" on the disputed settlement agreement and the Commission withdraws any comment in CLI-88-12 regarding the legality of that agreement.

Commissioner Curtiss was on travel and unavailable to participate in this matter.

In addition, the Commission directs the Office of the General Counsel, in conjunction with the staff, to review the practice of entering into such settlement agreements which restrict the ability of a person to testify or participate in proceedings under the Atomic Energy Act and determine any policy implications such agreements might have on the Commission's statutory mission including, but not limited to, any implications for the integrity of the Commission hearing process.

* Section 201 of the Energy Reorganization Act, 42 U.S.C. Sec. 5841, provides that action of the Commission shall be determined by a "majority vote of the members present." Commissioner Carr was not present when this item was affirmed. Accordingly, the formal vote of the Commission was 3-0 in favor of the decision. Commissioner Carr, however, had previously indicated that he would approve and had he been present he would have affirmed his prior vote.

APRIL 21, 1989

NRR MEETING NOTICES*

April 21, 1989

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
Multiple (April- June)	50-352/ 353	White Flint Bldg.	Forthcoming meetings with Philadelphia Electric Co. on Limerick Units 1 and 2 technical specifications on common systems.	NRC/ Philadelphia Electric Co.	R. Clark
°Any interested parties should call Carl Schulten (301-492-1192) to obtain the dates and room location for projected meetings.					
4/24/89 1:00	50-387/ 388	White Flint Bldg. Room 14B-11	Briefing on the use of IPE to demonstrate the benefits of (1) the implementation of emergency operating procedures and (2) the use of the support systems.	NRC/PP&L Co.	M. Thadani
4/24/89 1:00-5:00 4/25/89 8:30-5:00 4/26/89 8:30-5:00	50-390	Westinghouse Electric Corporation ITTC Site 1740 Golden Mile Highway Route 286 Monroeville, Pennsylvania 15146	The NRC staff will perform a verification and validation audit for the Eagle 21 system design for Watts Bar, Unit 1.	NRC/TVA	R. Auluck

* 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 Q

APRIL 21, 1989

NRR MEETING NOTICES

April 21, 1989

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
4/25/89 10:00	50-334/ 412	White Flint Bldg. Room 13B-9	Discuss with representatives of Duquesne Light Company the status of various licensing actions.	NRC/Duquesne Light Co.	P. Tam
4/26/89 8:30-5:00	50-390	Bechtel Office San Francisco, CA	The NRC staff and TVA will discuss the applicability of SASSI computer code for Watts Bar seismic analysis.	NRC/TVA	R. Auluck
4/26/89 9:00-11:00		White Flint Bldg. Room 10B-13	Discuss Westinghouse Reference Safety Report for BWR Fuel.	NRC/Westinghouse Electric Corp.	M. McCoy
4/28/89 1:00-4:00		White Flint Bldg. Room 2F-17	Presenting to NRC staff the current status of development and planned work to modify the industry computer code MAAP.	NRC/NUMARC/ EPRI/DOE	E. Chow
5/2/89 9:45	50-271	White Flint Bldg. Room 14D-7	Routine scheduling and prioritization meeting.	NRC/Vermont Yankee Power Corporation	M. Fairtile
5/2/89 11:00-3:00	50-454/ 455/456/ 457	White Flint Bldg. Room 13B-9	Discuss non-linear piping analysis to remove snubbers and pipe supports.	NRC/ Commonwealth Edison	L. O'Leary/ S. Sands
5/3/89 9:00-3:00		Crowne Plaza, Suite 525 1700 Rockville Pike	Discuss B&W LOCA ECCS Codes, Methodology and Application.	B&W/INEL/NRC Duke Power Co.	Y. Hsui

ENCLOSURE Q

NRR MEETING NOTICES

April 21, 1989

<u>DATE/TIME</u>	<u>NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
5/3/89 8:30-3:00	50-454/ 455/456/ 457	White Flint Bldg. Room 12B-9	Discuss using leak before break methodology on lines connected to the reactor coolant system.	NRC/ Commonwealth Edison	L. O'Isahan/ S. Sands
5/4/89 8:30-11:30		White Flint Bldg. Room 10B-11	ANF will present, discuss and answer questions on their new critical power correlation ANFB.	NRC/ANF	L. Lofs
5/9/89 3:30-5:00		NRC Technical Center Osborne Office Center, Suite 200 Chattanooga, Tenn. 37411	Representatives of the radiation protection staff of the Institute of Nuclear Power Operations (INPO) will meet with NRC radiation protection staff to discuss topics of mutual interest concerning radiation protection at nuclear power reactors.	NRC/INPO	L. Cunningham

APRIL 21, 1989

ENCLOSURE Q

APRIL 21, 1989

NMSS MEETING NOTICES

FOR THE WEEK ENDING:
April 21, 1989

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>
4/22-5/6		Vienna, AU	To attend IAEA TCPP Comm Mtg to update INFCIRC/225/Rev. 1	A. Giarratana, NMSS DOE, DOS, DCS, ACDA	A. Giarratana
5/1-5		Santa Fe, NM	Lecturing and participating on a panel discussing system and state control to 30 foreign nationals involved with nuclear programs in their countries	C. Emeigh, NMSS	C. Emeigh
5/8-10		Lynchburg, VA	Comparability Upgrade Planning at Babcock & Wilcox	C. Gaskin, NMSS	C. Gaskin
5/22-26		Region V Walnut Creek, CA	Management Team Visit	R. Burnett, NMSS NRR Reps	R. Burnett

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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>
APRIL 21, 1989					
5/2-6		Albuquerque, NM	To attend workshop on the Management of Radioactively contaminated sites	J. Swift, INAF	J. Swift
5/3-4		St. Louis, MO & Glenn Ellyn, IL	To observe RIII & Mallinkrodt emergency preparedness drill	K. Ramsey	K. Ramsey
5/3-4		Holiday Inn Bethesda, MD	Fuel Cycle License Workshop	Fuel Cycle Facility Licensees, NRC Officials, and staff	E. Flack G. H. Bidinger
5/8-11		Glen Ellyn, IL	To attend NRC Fire Protection Engineers Annual Conference	A. Datta, INUF	A. Datta
5/14-20		Albuquerque, NM	U. of New Mexico Criticality Safety Training Course	S. Ruffin, IMIF	S. Ruffin

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>
4/25		Las Vegas, NV	Mtg between NRC, DOE, CNWRA and the State of Nevada to introduce the CNWRA and to discuss the State of Nevada's ongoing work	R. Browning HLWM staff	J. Holonich
4/26-28		Phillips Bldg.	ACNW meeting	R. Browning HLW Staff	

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DIVISION OF LOW-LEVEL WASTE MANAGEMENT AND DECOMMISSIONING

<u>DATE</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
4/23-25		San Diego, CA	To speak at the CALRAD Forum Meeting	J. Greeves	J. Greeves
4/27		OWFN	Discuss Pathfinder Decommissioning Plan	T. Johnson D. Martin M. Bell	D. Martin
4/26-28		EPA M Street	To review the background documents and materials generated in support of EPA's March 7, 1989 proposed rules.	C. Paperiello	M. Bell

APRIL 21, 1989

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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>		
5/23/89 8:30-5:30	Guest Quarters 7335 Wisconsin Ave. Bethesda, MD	Nuclear Safety Research Review Committee Meeting	NSRRC Members RES Staff	R. Shepard 492-3723
5/24/89 8:30-3:30				
		<u>Division of Safety Issue Resolution</u>		
5/5/89	Phillips Building	To discuss proposed generic letter on MOV testing with the ACRS Full Committee	ACRS, EIB members	R. Baer/ O. Rothberg 492-3930

OFFICE FOR ANALYSIS AND EVALUATION OF OPERATIONAL DATA MEETINGS

APRIL 21, 1989

Week Ending: April 21, 1989

<u>DOCKET NUMBER</u>	<u>DATE</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
	4/24/89 10:00 a.m.	MNBB Room 3700	Gilbert/Commonwealth is presenting a program called NUCLEX.	AEOD staff	Tom Novak
	4/24/89	CEI, Cleveland, OH	Perry Diagnostic Exit Meeting	AEOD staff, NRR, EDO, RIII	Stu Rubin
	4/25/89 1:00 p.m.	White Flint Room 8B11	Meeting with EESG members on issues related to high wind, flood, and others.	NRC/LLNL	G. Bagchi, EESG
	4/26/89 9:00 a.m.	FEMA	To discuss the organization of the Catastrophic Disaster Response Group, the Interagency group which directs the federal response to a catastrophic earthquake, and to plan for a comprehensive exercise, RESPONSE-89, to be held in August 1989, in which NRC will participate.	AEOD and other federal agencies	C. J. Heltemes, Jr.
	4/26/89	NRC Operations Center	To participate in a full participation exercise involving the South Texas nuclear power plant and to evaluate Region IV's performance. Commissioner Curtiss will be the Director of the Executive Team.	NRC	Gary Zech
	5/1-2/89	TTC	State Training-Cost Sharing Task Force Meeting (STCSTF) No. 3	NRC & State Members of STCSTF	Ken Raglin

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OFFICE FOR ANALYSIS AND EVALUATION OF OPERATIONAL DATA MEETINGS

Week Ending: April 21, 1989

<u>DATE</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTEENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
5/3/89 & 5/4/89		Rockville, MD	To present a Severe Accident Training Course to technical members of the NRC response team. This is the first time such a course will be given.	AEOD, NRR, RES	Don Marksberry
5/5/89		Bethesda, MD	To provide a summary of the NRC's Incident Response Program.	AEOD, NRR, ACRS	Gary Zech
5/9-10/89		TTC	HP Counterpart Meeting. Topics include status of 10CFR20, revision, 10CFR20 inspection training, status of TTC HP training efforts, review of significant inspection findings, MC 0524 revision, INPO general issues and results of mid-term CIP/regional assessments.	Regional and Headquarters reactor HP personnel and TTC staff	R. L. Anderson
5/11/89		NRC Operations	To provide fuel cycle materials response training and exercise.	Fuels Cycle and Transportation Protective Measures Team.	Tom McKenna
5/16/89		Nine Mile Point Nuclear Plant	To assess response capability of Region I.	IRB staff and staff representatives from RI and RIII.	Eric Weinstein

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>
05/01/89 1:00 p.m.	50-219	Forked River, NJ	Systematic Assessment of Licensee Performance (SALP) Management Meeting	NRC/GPUN	C. Cowgill
05/11/89 1:00 p.m.	50-054	RI Office	Management Meeting concerning corrective action plan	NRC/CINTICHEM	P. Swetland
05/12/89 10:00 a.m.	50-247	Buchanan, NY	Systematic Assessment of Licensee Performance (SALP) Management Meeting	NRC/CONED	P. Swetland

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<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/APPLICANT</u>	<u>NRC CONTACT</u>
04/26/89 10:00pm 1:00pm		RII Office	Management Meeting VEPCO - Surry VEPCO - North Anna	Same as above	Ebner
04/27/89 10:00am		RII Office	Enforcement Conf. DPC - Robinson	Licensee, RA, and selected RII Staff	Reyes
04/28/89 10:00am		RII Office	Meeting with FP&L management to discuss events at Turkey Point	Same as above	Ebner
04/28/89 1:30pm		RII Office	Enforcement Conf. DPC - McGuire	Licensee, DRA, and selected RII Staff Members	Ernst
05/05/89 9:30am		Knoxville, TN	Meeting with TVA Board	Licensee, RA, and selected RII Staff Members	Ebner
05/08/89 10:30am		Southport, NC	Management Meeting to discuss final recommendations stemming from CRESAP's appraisal of Brunswick	Licensee, RA, and selected RII Staff Members	Ebner
05/10/89 8:30am		Miami, FL	Management Meeting FPL - Turkey Point	Licensee, RA, and selected RII Staff Members	Ebner

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REGION III MEETING NOTICES

<u>FACILITY</u>	<u>DOCKET NUMBER</u>	<u>DATE/TIME</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>REGION III CONTACT</u>
Perry	50-440/441	April 24, 1989 1:00 p.m.	Perry Plant Perry, OH	DET Exit Meeting	A. B. Davis
Zion	50-295/304	April 25, 1989 2:00 p.m.	Region III	Management Meeting on NRC/ Licensee Interfaces	E. G. Greenman
Braidwood	50-456/457	April 26, 1989 1:00 p.m.	Braidwood Plant Braidwood, IL	SALP	E. G. Greenman
Fermi	50-341	April 27, 1989 1:00 p.m.	Fermi Plant Newport, MI	Review of Fermi Performance	A. B. Davis
Monticello	50-263	April 27, 1989 1:00 p.m.	Region III	Enforcement Conference - Environmental Qualification	H. J. Miller/ E. G. Greenman
--	--	May 2, 1989 8:30 a.m. - 4:30 p.m.	NRC Headquarters	Career Paths for DRS Personnel	H. J. Miller
Zion	50-295/304	May 4, 1989	Zion Plant	Chairman Zech to Visit Site	A. B. Davis/ J. Hinds
Illinois Dept of Nuclear Safety (IDNS)		May 5, 1989	IDNS	Chairman Zech to Visit IDNS	A. B. Davis
Dresden	50-237/249	May 8, 1989 2:00 p.m.	Dresden Plant	SALP	E. G. Greenman
--	--	May 9-11, 1989 8:30 a.m. - 4:30 p.m.	Region III	Fire Protection Counterpart	R. W. Cooper/ J. Ulie

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RIV MEETINGS SCHEDULED

April 21, 1989

<u>DATE</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>RIV CONTACT</u>
4/25/89 12:00	50-498;499	Bay City, TX	SALP management meeting.	HL&P management	E.Holler
4/28/89 2:00	30-06388	RIV Office	Enforcement conference to discuss licensee's inventory control system and lost sources.	Schlumberger	D.Powers
5/2/89 1:00	50-285	RIV Office	Meeting with Omaha Public Power District to discuss safety enhancement program status.	OPPD management	T.Westerman
5/8/89 1:00	50-382	RIV Office	Enforcement conference to discuss potential violations associated with environmental qual. of submerged splices & cables, & testing & repair of "B" HPST pump.	LP&L management	A.Howell

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REGION V MEETING NOTICES

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
5/10/89	50-344	Region V Conf. Room	Trojan Security Enforcement Conference with Licensee.	J. Martin R. Scarano R. Zimmerman A. Chaffee D. Cockfield T. Walt A. Ankrum	M. Schuster
5/17-18/89	Region III		J. Martin, Regional Administrator attending Senior Management Meeting in Region III	J. Martin	J. Martin

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