PDR

April 4, 1980

For: The Commissioners

From: T. A. Rehm, Assistant for Operations, Office of the EDO

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING MARCH 28, 1980

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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T. A. Rehm, Assistant for Operations
Office of Executive Director for Operations

*Not [illegible] this week.
**Deleted from Commissioners and PDR copy.

Contact:
T. A. Rehm
[illegible]

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SUMMARY OF KEY EVENTS
WEEK ENDING MARCH 28, 1980

R. E. Ginna

On March 10, 1980, I&E Region I informed NRC that Rochester Gas and Electric had not met one of the Lessons Learned Short Term Requirements calling for improved training in loss of coolant procedures. RG&E had stated that the small break LOCA training had been completed. However, I&E has determined that 19 of the 37 ROs and SROs at Ginna have not received the training. RG&E has committed to train all ROs and SROs by a walk through of LOCA procedures.

Trojan

Seismic activity has been detected at Mt. St. Helens (an active volcano), which is about 33 miles from the Trojan site. Earthquakes of magnitude 4.2 - 4.0 (Richter Scale) have been measured in the last few days. No vibratory motion has been detected either by personnel or seismic instruments at Trojan. Operability and proper calibration of all seismic instrumentation has been confirmed by Trojan personnel.

Toxic Substances Strategy Committee

The Toxic Substances Strategy Committee met on March 24, 1980 to consider the final version of their report to the President. Although few sections of the report appear likely to directly or immediately affect NRC two exceptions are: a) NRC has signed a MOU with the Smithsonian Science Information Exchange that commits us to submit information reports on non-radioactive toxic substance research and development projects and b) Some additional NRC effort may be required due to the report's emphasis on the need for more research on mutagenic, teratogenic, neurological and chronic health effects at low exposure rates.

Tennessee Valley Authority (TVA)

NRC and TVA met to discuss TVA's interest in storing spent fuel in independent spent fuel storage installations. TVA is considering either applying for licenses to store spent fuel in ISFSI's at its Sequoyah or Watts Bar station or a combined ISFSI at one of these facility sites. TVA indicated that their plans are independent of whether the Department of Energy goes forward with its Spent Fuel Program.

Nuclear Fuel Services - West Valley, New York

Operator testing at NFS-West Valley was completed the week of March 17 and all operators are now qualified in all plant areas, i.e., those activities required for operation and surveillance of the plant in its present shutdown mode. The NRC staff concern that attrition and lack of interest following NFS withdrawal from reprocessing in 1976 would deplete the operator corps at West Valley has not occurred; NFS to date has maintained an experienced trained cadre at the site.

OFFICE OF ADMINISTRATION

Week Ending March 28, 1980

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	Initial Request	Appeal of Initial Decision
Received	238	17
Granted	129	1
Denied	39	6
Pending	70	10

ACTIONS THIS WEEK

Received

Lindsay Audin (80-143)	Requests seven categories of documents relating to the shipment and storage of spent fuel at Indian Point, Units 1 and 2.
Margaret Troy (80-144)	Requests information relating to the off shore activities using radioactive materials.
R. Leonard Vance, Assistant Attorney General, Commonwealth of Virginia (80-145)	Requests nine categories of records relating to radioactive waste shipments entering the United States through Portsmouth, Virginia.
(NRC employee) (80-146)	Requests information on him in the Office of the Inspector and Auditor and information on any charges made against him.
Paul E. Ebel, Allied-General Nuclear Services (80-147)	Requests a copy of the successful proposal in response to contract solicitation RFP RS-NMS-79-024, "Development of an Advanced Material Accounting System Simulation Model."
Ellyn R. Weiss, Sheldon, Harmon & Weiss, on behalf of UCS (80-148)	Requests a copy of a study performed by Sandia Laboratories dealing with the liquid effluent pathway at the Indian Point site.

CONTACT: J. M. Felton
492-7211

ENCLOSURE A

Received, Cont'd

Barry E. Katz, The Press (80-149)	Requests the routes through New York and Pennsylvani for the shipments of spent nuclear fuel from Chalk River, Canada to South Carolina.
Paul M. Murphy, Attorney-At-Law (80-150)	Requests six categories of documents relating to the imposition of civil penalties by the NRC for violations by licensees of NRC regulatory requiremen
Ellyn R. Weiss, Sheldon, Harmon & Weiss, on behalf of UCS (80-151)	Requests a copy of an analysis of the time required to evacuate the public from a 10 mile area surroundi the Indian Point nuclear power plant.
(NRC employee) (80-152)	Requests records on her in NRC Systems of Records, NRC-39.
Steve Gannis (80-153)	Requests information relating to radioactive release from power plants.
Thomas E. Casey, Attorney-At-Law (80-154)	Requests a copy of the report by Science Application Inc. regarding the safety of ionization (radioactive smoke detectors.
Gary W. Roberts, Attorney-At-Law (80-155)	Requests information concerning violations of law with regard to the storage of Radium 226 in specific areas in St. Petersburg, Florida.
Jim Coffin, Resources Publishing, Inc. (80-156)	Requests a copy of NUREG-0550, Revision 1.
(NRC employee) (80-157)	Requests information on him in the Office of the Inspector and Auditor and information on any charges made against him.
Diane Arp (80-158)	Requests a copy of NUREG-0610 and NUREG-0578.
John F. Doherty (80-159)	Requests a copy of 24 listed documents.
Debra D. McDonald, Nuclear Pharmacy Inc. (80-160)	Requests a copy of the application for a radioactive material license issued to Pharmatopes, Inc.

Received, Cont'd

(An individual requesting information about himself) (80-161)	Requests information regarding his Reactor Operator license written and oral examination results.
Shirley J. Johns (80-162)	Requests specific information relating to Big Rock nuclear power plant.
Stephen Laudig, Attorney-At-Law (80-163)	Requests a copy of the "Critical Items List" mentione on page III-B-6 of Public Service of Indiana's Description of License Activities Addressing Order Confirming Suspension of Construction.

Granted

J. M. Johnson, Carolina Power & Light Company (80-90)	In response to a request for a copy of the released portions of the changes to the NRC Inspection and Enforcement Manual beginning with Change Notice 79-24 made available this information.
Teresa Jeffers (80-105)	In response to a request for records relating to the application of Edlow International Company, Inc. to store radioactive materials in or near East St. Louis Illinois, made available five documents.
Shelly M. Kowkabany, Burns & Roe, Inc. (80-113)	In response to a request for a copy of SECY-80-107, "Proposed Interim Hydrogen Controls Required for Small Containments," made available this document.
(NRC employee) (80-114)	Informed the requester the NRC has no information pertaining to him in the Office of the Inspector and Auditor or information on any charges made against him.
Anne Rapkin, Attorney-At-Law (80-117)	In response to a request for information regarding thorium residuals in West Chicago, Illinois, made available six documents.
Lane Krause, Alternatives (80-119)	In response to a request for material regarding the Waterford 3 Final Safety Analysis Report and documents pertaining to Waterford 3 in regard to 10 CFR Part 20 of NRC's regulations, made available five documents.

Granted, Cont'd

Phyllis R. Girouard (80-122)	In response to a request for interpretations by the General Counsel or the Commission on the meaning of 10 CFR 40.4(h), 10 CFR 40.4(k), and 10 CFR 40.13(b), informed the requester the NRC has no records pertaining to her request.
David F. Power (80-125)	In response to a request for access to each issue of the "Weekly Highlights" printed by the NRC or the AEC during the years 1974, 1975 and 1976, informed the requester that this publication began in 1976 and that the 1976 reports have been discarded.
Dennis S. Shilobod, Attorney-At-Law (80-129)	In response to a request for a copy of the Rogovin Report, made available this document
Richard T. Muffler, FOI Services, Inc. (80-130)	In response to a request for a copy of NUREG/CR-1263, made available a copy of this document.

Denied

None

OFFICE OF ADMINISTRATION

Paperwork Reduction Subgroup

The Acting Executive Director for Operations has approved the dissolution of the Paperwork Reduction Subgroup. The Subgroup was originally created in 1977 in response to the President's Paperwork Reduction Program. The Subgroup reviewed all NRC reporting requirements, and that effort resulted in modifying or revoking 15 reporting requirements. The review functions previously performed by the Subgroup will be carried out by the program and staff offices as part of the normal concurrence review process for any amendments to NRC regulations.

ENCLOSURE A

DIVISION OF CONTRACTS

Wee' ending March 28, 1980

PENDING COMPETITIVE REQUIREMENTS

1. RFP RS-OSD-80-004
   Title - Security Force Effectiveness
   Description - Identify various management, supervisory, and organizational techniques which could improve security force effectiveness. Using the techniques identified, develop a framework specifying the relationships between the effectiveness of security force characteristics of concern and the management techniques that bear on them.
   Period of Performance - Ten months
   Sponsor - Office of Standards Development
   Status - Solicitation being prepared. To be issued April 4, 1980.

2. RFP RS-RES-80-224
   Title - Wabash Valley Seismic Profile
   Description - A study to develop and conduct a seismic reflection research program in Southeastern Illinois and Southwestern Indiana to search for evidence of the possible extension of the New Madrid tectonic structure in the vicinity of the Wabash River Valley fault system as far north as 39°N, and to delineate subsurface structural elements that may be related to earthquake activity along the possible northeast extension of the New Madrid.
   Period of Performance - Two years
   Sponsor - Office of Nuclear Regulatory Research
   Status - RFP issued March 27, 1980. Proposals due April 28, 1980.

RFP'S ISSUED

RFP RS-OSD-80-001
Title - Study of the Parameters that Affect NDA Measurement Response and the Development of Design Specifications to Minimize Their Effect
Description - The contractor is to identify all of the parameters which might degrade NDA measurement reliability, survey NRC licensed facilities to identify NDA measurement problems, visit various NDA laboratories to confirm NDA parameters identified, recommend experiments for verification of parameters identified and conduct experiments to verify methods to reduce, eliminate or control adverse effects identified.
Period of Performance - Thirty months
Sponsor - Office of Standards Development
Status - RFP issued March 13, 1980, proposals due April 15, 1980.

ENCLOSURE A

PROPOSALS UNDER EVALUATION

1. IFB RS-ADM-80-661
   Title - NRC Issuances and Indexes
   Description - Prepare camera-ready copy of monthly NRC issuances (NRCI) and quarterly and semiannual indexes to the NRCI's.
   Period of Performance - One year
   Sponsor - Office of Administration
   Status - IFB issued February 20, 1980. Bid opening held March 25, 1980. Bids under evaluation.

2. RFP RS-NMS-80-024
   Title - Development of an Advanced Material Accounting System Simulation Model
   Description - Develop a model which will be used by NRC to evaluate current material accounting practices at licensed nuclear fuel cycle facilities and which will serve as an input for studying advance data analysis techniques.
   Period of Performance - One year
   Sponsor - Office of Nuclear Material Safety and Safeguards
   Status - Negotiations to be conducted during the week of March 31, 1980.

CONTRACTS CLOSED OUT

(All administrative action completed and final payment made)

Contract No.	Contractor	Close-Out Date
AT(49-24)-0388	Science Applications, Inc.	3/24/80
AT(49-24)-0389	TRW, Inc.	3/24/80

ADMINISTRATIVE MATTERS

By letter to the U.S. General Accounting Office dated March 3, 1980, A. T. Kearney, Inc., withdrew its protest on the award of Contract No. NRC-01-79-003.

CONTRACT AWARDS

NRC-10-80-372
Title - Shuttle Bus Service
Description - Shuttle bus service to transport passengers, inter-agency mail, and/or Government-controlled materials/equipment, between the Willste Building and Nicholson Lane and the Phillips Building and H Street Building.
Period of Performance - One year
Sponsor - Office of Administration
Status - Fixed price requirement contract with escalation in the amount of $238,870.80 awarded on March 28, 1980, to Beltway Limousine Service of Silver Spring, Md.

OFFICE OF NUCLEAR REACTOR REGULATION

WEEKLY ITEMS OF INTEREST
(Week ending March 27, 1980)

R. E. GINNA

On March 10, 1980, OI&E Region 1 informed us that Rochester Gas and Electric Corporation (RG&E) had not met one of the Lessons Learned Short Term Requirements.

NUREG-0578 Item 2.1.9 requires improved training in loss of coolant procedures. Table B.2 states that implementation of small break LOCA emergency procedures and retraining of operators should be completed by December 31, 1979. By letter of December 28, 1979, RG&E stated that the small break LOCA training had been completed. However, I&E has determined that 19 of the 37 ROs and SROs at Ginna have not received the training.

In response to Region 1, RG&E has committed to train all ROs and SROs by a walk through of LOCA procedures. RG&E will attempt to complete the training by March 28, 1980, prior to the forthcoming refueling outage. I&E has this matter under investigation to determine whether enforcement action is appropriate.

Quad Cities Station

The resident inspector at the Quad Cities Station informed DOR that the Station superintendent and the head of security have been indicted by a federal grand jury on several counts of fraud and conspiracy. The case grew out of charges made in late 1976 or early 1977 that plant security regulations had been violated.

There is high local interest in the matter and an article in the Washington Post of 3/27/80.

Robinson 2

The Robinson steam generators "A" and "C" have been inspected as a result of indications of leakage. One leaking tube (0.01 gpm) was found in the "C" steam generator. This tube was plugged and seven other tubes were discovered degraded above the plugging limit out of 800 (about 25%) tubes inspected in the "C" steam generator. Two leaking tubes were plugged in the "A" steam generator and about 28 additional tubes were plugged because they were degraded beyond the plugging limit. About 1000 tubes were inspected in the "A" steam generator.

CP&L plans to inspect 100% of the tubes on the hot leg sides through the U-bend and a random sample on the cold leg sides of all three steam generators in May 1980.

ENCLOSURE B

Rancho Seco

During the current refueling outage at Rancho Seco damage to fuel assembly spacer grids was reported. Communication with the licensee and B&W identified eight assemblies with some degree of spacer grid damage, including torn and missing portions of the spacer grids. Of these eight assemblies, two assemblies have been discharged to the spent fuel pool. The remaining assemblies are to be used during the next cycle of operation. Damage is limited to the spacer grids, with no observed fuel pin damage. The damage is believed to have occurred during withdrawal of the assemblies due to misinterpreted handling procedures in combination with an old style spacer grid design with unchamfered edges. Handling procedures were modified to minimize additional grid interactions. An evaluation of the observed spacer grid damage and the effects on continued operation performed by B&W at the licensee's request concluded that there were no significant safety impacts. The licensee has reviewed the B&W evaluation and concurs. The Resident Inspector has reviewed applicable information, and NRR personnel discussed the information with the licensee and B&W to satisfactorily resolve concerns regarding continued operation. A PN was issued by the Region on March 11, 1980.

In another fuel related issue, degradation of fuel rod cladding on one fuel rod in a recently discharged fuel assembly was observed on visual inspection. The degradation consisted of a broad split between the 5th and 6th spacer grids plus a pinhole between the 4th and 5th spacer grids. Region V is monitoring this issue. A PN was issued by the Region on March 13, 1980.

Trojan

Seismic activity has been detected at Mount St. Helens (an active volcano), which is about 33 miles from the Trojan site. Earthquakes of magnitude 4.2 - 4.0 (Richter Scale) have been measured in the last few days. In addition, swarms of smaller earthquakes occurred yesterday (March 24, 1980). The NRC staff, the Oregon State Geologist, and USGS are following the matter. USGS personnel are conducting a field investigation. Reports of venting are thought to be attributable to avalanches and landslides.

No vibratory motion has been detected either by personnel or seismic instruments at Trojan. Trojan personnel have confirmed operability and proper calibration of all seismic instrumentation as a result of this recent seismic activity.

Turkey Point Unit 4

The Turkey Point Unit 4 operating interval has been extended to ten equivalent full power months, but not to exceed May 1, 1980, by amendment 49 dated March 21, 1980. Florida Power and Light Company had implemented a plugging program at the last inspection of Unit 4 in June 1979 that they felt was sufficiently conservative for a ten month operating period. The extension was based on the leak-free operation of the facility for two years, in addition to the conservative plugging program. Other factors involved in the consideration were the power availability in the system and the requirement that the low pressure turbine rotor be replaced.

On March 20 and 21, 1980 Florida Power and Light Co. reported a potential leak indication (0.03 gph) on Unit 4. That indication has remained unchanged through noon of 3/24/80; the indication remains below the detection level at which a potential leak indication may be called a leak with some confidence (0.10 gph).

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING MARCH 28, 1980

1. Toxic Substances Strategy Committee: The Toxic Substances Strategy Committee (TSSC) met on Monday, March 24, 1980 to consider the final version of the Committee report to the President. Richard Grill (SD) represented NRC. A number of minor comments were made, but the Committee members were quite supportive of the report. The representatives of the Office of Management and Budget (OMB) expressed some doubt, in view of the President's new budget proposals, of funds being available for implementation of some of the report's recommendations, especially those calling for additional research money.

   There being no objection from the Committee, the Chairman, Gus Speth, stated that the report will be transmitted to the President in about two weeks. NRC will be provided with an embargoed copy at that time. As soon as the report is examined and approved by the President, it will be published.

   There are few sections of the report that appear likely to directly or immediately affect NRC. Two exceptions are: a. NRC has signed a MOU with the Smithsonian Science Information Exchange (SSIE) that commits us to submit information reports on non-radioactive toxic substance research and development projects. (Very few of these are planned) b. Some additional NRC effort may eventually be required due to the report's emphasis on the need for more research on mutagenic, teratogenic, neurological and chronic health effects at low exposure rates as well as additive and synergistic effects of different toxic materials.

   [Contact: R. P. Grill (SD)(443-5966)]

ENCLOSURE C

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending March 28, 1980

Visit to General Electric, Wilmington, N.C.

Members of the Division of Safeguards and representatives from Lawrence Livermore National Laboratory (LLNL), visited GE's reactor fuel fabrication plant in Wilmington, N.C. on March 19 and 20. The purpose of this visit was to gain information about the capabilities and operating experience of GE's automated nuclear material control system. This information will be used by the NRC as it develops the Material Control and Accounting Upgrade Rule and by LLNL as it provides NRC with supporting value-impact analyses on the upgrade rule.

Physical Protection Upgrade Rule Guidance Compendium

On Monday, March 24, 1980, pre-publication copies of the Compendium were mailed to the licensees. The final versions will be mailed on or before May 1, 1980.

Tennessee Valley Authority (TVA)

A meeting was held on March 20, 1980, between NRC and Tennessee Valley Authority (TVA) staff concerning TVA's interest in storing spent fuel in independent spent fuel storage installations (ISFSI). The TVA staff members reported that, on the basis of their studies, TVA's present plans would be to construct such additional installations at its existing reactor sites. TVA is considering either applying for licenses to store spent fuel in ISFSI's at its Sequoyah or Watts Bar Nuclear Power Plants or a combined ISFSI at one of these facility sites. Application is expected to be made in 1984 for anticipated use in 1989. TVA staff indicated that their plans are independent of whether the Department of Energy goes forward with its Spent Fuel Program. They believe that TVA in the near future could not be sure of obtaining a priority on any available DOE storage capacity and otherwise may prefer to provide for its own storage capacity.

Nuclear Fuel Services - West Valley, New York

Operator testing at NFS-West Valley was completed the week of March 17. One significant aspect of the testing is that all operators are now qualified in all plant areas, i.e., those activities required for operation and surveillance of the plant in its present shutdown mode. The 13 operators are complemented by 8 senior operators for the facility. When NFS announced its plans to withdraw from reprocessing in 1976, the NRC staff was concerned that attrition and lack of interest would deplete the operator corps at West Valley. This has not occurred and NFS to date has maintained an experienced trained cadre at the site.

Oconee/McGuire Transshipment Hearings

Carolina Environmental Study Groups (Jesse Riley, President), an intervening party of the proceeding, invited the staff to witness a demonstration of a scale model cask-drop accident. A model of the NFS-4 cask was used to demonstrate the possibility of a cask falling into the McGuire spent fuel pool. The staff has previously testified that such an accident would not occur.

The test was conducted by Mr. Riley on the front porch of his residence in Charlotte, North Carolina. It was attended by the news media and technical and legal members of both Duke Power and the NRC staff. The model cask was a solid steel cylinder which was dropped on to a scaled-down version of the cask unloading pit constructed of 3 inch channel iron.

Although the cask, under these conditions, did fall towards the spent fuel pool, the staff noted that the test did not approach real conditions. A solid steel cylinder falling onto a small rigid frame will not exhibit any deformation or loss of energy as would occur with a real cask and stainless steel-lined concrete wall. The staff also pointed out to the news media that our analysis assumes such an accident occurs and has been evaluated for possible criticality and radiological consequences. The staff is satisfied with the results of the analysis.

The purpose of the trip also included a meeting with the State of South Carolina to discuss physical security measures taken by Duke Power for irradiated fuel in transit. The State is satisfied with the requirements of the regulations, and Duke's compliance.

Radon Releases from Unreclaimed Open Pit Mines

In response to an NMSS staff request, Battelle used their data on radon releases from open pit mines to calculate the continuing releases after shutdown of the mine if there is no reclamation. The calculations indicate that leaving the overburden piles on the surface rather than refilling the pits with them roughly doubles the continuing radon emissions after shutdown of the mine. This is calculated to increase natural background radon concentration in the vicinity of the mine by about 0.2%, as compared to an increase of about 0.1% with reclamation.

Allied Chemical Corporation, Metropolis, Illinois

An order was issued on March 24, 1980, to the Allied Chemical Corporation, Metropolis, Illinois, UF_6 production plant, which modifies the existing license to assure compliance with the environmental radiation protection standards specified in 40 CFR 190. Licenses of all UF_6 production and light water reactor fuel fabrication plants have now been modified, by order, to meet the recently effective EPA standards.

NRC Staff Preparing Overview of Programs for the National Plan for Nuclear Waste Management

In the President's message to Congress of February 12, 1980, which outlined a comprehensive national radioactive waste management program, it was stated that a detailed National Plan for Nuclear Waste Management would be prepared by 1981 to implement the President's policy guidelines and the other recommendations of the IRG. This plan will include specific program goals and milestones for all aspects of nuclear waste management and is intended to provide a clear road map for all parties and give the public an opportunity to review the entirety of the federal program. In its role as the lead agency for the management and disposal of radioactive wastes, this plan is being prepared by the Department of Energy with the cooperation of the other relevant federal agencies, and the assistance of the Mitre Corporation.

The schedule for preparation of this plan is based on having the final document, which incorporates public comments, available to Congress in January 1981 for their review of the FY82 budget.

The preparation of a preliminary overview of the following NRC programs is underway and is being coordinated by the Division of Waste Management: high level waste management; low level waste management; uranium recovery licensing; transportation; domestic safeguards; spent fuel storage; and decommissioning. This will be provided to the Mitre Corporation by April 15, 1980 for incorporation in a draft for interagency review during April and May.

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending March 28, 1980

1. The following Notifications of Significant Enforcement Action were dispatched:

   a. EN-80-08 Rockford Memorial Hospital, Rockford, IL - On March 24, 1980, a Notice of Violation and a Notice of Proposed Imposition of Civil Penalties in the amount of $2,400 were issued to the subject licensee. This action is based on five alleged items of noncompliance relating to the loss of iridium-192 implant seeds.

   b. EN-80-09 Public Service Electric and Gas Company, Newark, NJ (Salem Nuclear Generating Station) - On March 24, 1980, a Notice of Violation and a Notice of Proposed Impostion of Civil Penalties in the amount of $23,000 were issued to the subject licensee. This action is based on five alleged items of noncompliance relating to physical security.

2. Preliminary Notifications relating to the following actions were dispatched during the past week:

   a. PNO-I-80-45 Oyster Creek Unit 1 - Uncontrolled Release of Radioactive Chromated Water

   b. PNO-I-80-46 Calvert Cliffs Units 1 & 2 - Bomb Threat

   c. PNO-I-80-47 Peach Bottom Units 2 & 3 - Transport of Injured Employee to Hospital With Slight Contamination

   d. PNO-I-80-48 Calvert Cliffs Units 1 & 2 - Unplanned, Minor Gaseous Radiation Release

   e. PNO-I-80-49 Haddam Neck - Inadvertent Plant Trip

   f. PNO-II-80-46 Brunswick Unit 1 - Reactor Trip

   g. PNO-II-80-47 Brunswick Units 1 & 2 - Offsite Concentrations of Cesium-137 Exceed Technical Specification Report Levels

   h. PNO-III-80-55 Midland Units 1 & 2 - Stop Work of Heating and Ventilating Contractor

   i. PNO-III-80-56 Kewaunee - Inadvertent Loss of Safeguards Bus

   j. PNO-III-80-57 Callaway Unit 1 - Personnel Overcome by Argon Gas

   k. PNO-III-80-58 Midland Units 1 & 2 - Fire in Small Bore Piping Design Trailer

   l. PNO-III-80-59 Davis-Besse Unit 1 - Degradation of Reactor Coolant Pump Seal

ENCLOSURE E

m. PNO-III-80-60 Clark Oil Refining, Hartford, IL - Lost 25-Millicurie Cobalt 60 Sealed Source

n. PNO-III-80-61 & -61A Midland Units 1 & 2 - Fire in Trailer Complex

o. PNO-III-80-62 Davis-Besse Unit 1 - Spurious Safety Rod Drop - Manual Reactor Trip

p. PNO-V-80-21 Nuclear Engineering Company Burial Site, Beatty, Nevada - Radiation Levels in Excess of Department of Transportation (DOT) Regulations 49CFR 173.393 (I) and (J)

q. PNO-V-80-22 Nuclear Engineering Company Burial Site, Beatty, Nevada - Banning of Southwest Nuclear Company (California State licensee) and San Onofre Nuclear Power Station, Southern California Edison Company (NRC licensee) From the Use of the Beatty, Nevada Burial Site

r. PNO-V-80-23 Trojan - Recent Increased Seismic Activity Near Mount St. Helen, Washington

s. PNO-TMI-80-16A & -16B Three Mile Island Unit 2 - Emergency Drill on March 20, 1980, Update

t. PNO-TMI-80-17A Three Mile Island Unit 2 - Increased Auxiliary Building Air Particulate Activity Update

u. PNO-TMI-80-18 & -18A Three Mile Island Unit 2 - Periodic Air Monitor Alarms in the Auxiliary Building

v. PNS-80-01 Antinuclear Demonstrations

w. PNS-I-80-03 Indian Point Units 1, 2, & 3 - Bomb Threats

x. PNS-III-80-05 Quad Cities Units 1 & 2 - Grand Jury Indictment

OFFICE OF NUCLEAR REGULATORY RESEARCH

Important Items - Week Ending March 29, 1980

Proposed International Cooperative Study on Debris Bed Cooling

A draft trilateral memorandum of understanding has been negotiated at the staff level between the Joint Research Centre at Ispra (EURATOM), the Power Reactor and Nuclear Fuel Development Corporation (PNC) of Japan, and the NRC for a joint cooperative study of debris bed cooling. The agreed-upon program would involve an extension of the NRC-sponsored debris bed test program being conducted at Sandia, to include a broader range of test conditions relating to debris bed material, molten state and mode of cooling. A 4-year study is planned, at a funding level of about $2 million per year, to which Ispra and the PNC would provide financial support amounting to almost 60% of the total budget. The proposed study is contingent on Congressional guidance regarding the NRC budget and on final budget approval within the CEC. The draft Memorandum of Understanding will be circulated among appropriate offices and agencies for comment and concurrence prior to submission to the Commission in about 2 months.

ENCLOSURE F

OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

WEEK ENDING MARCH 21, 1980

Black Fox Station, Units 1 and 2

In a Memorandum and Order, dated March 21, 1980, the Commission vacated that portion of ALAB-573, "Consideration of Class 9 Accidents", and remanded to the Appeal Board for further consideration. In ALAB-573, the Appeal Board affirmed, with two exceptions, the issuance of a limited work authorization. One of these exceptions involved Class 9 accidents. The Appeal Board, in interpreting the Commission's decision in Offshore Power Systems, (10 NRC 257 (1979) directed the NRC staff to file its views on whether Class 9 accidents should be considered in the Black Fox proceeding. In vacating this aspect of ALAB-573, the Commission stated its belief that the Appeal Board had misinterpreted Offshore Power Systems in that the Staff need only inform the Commission when special circumstances require the consideration of Class 9 accidents at an individual reactor site and not when the contrary is true.

ENCLOSURE G

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING MARCH 28, 1980

INTERNATIONAL COOPERATION

NRC-PAEC Arrangement

The Acting EDO, on Friday, March 28, signed the proposed NRC-Philippine AEC information exchange Arrangement for the U.S. and dispatched the package, via the Department of State, to the PAEC for counter-signature. (See SECY-80-143 for background.)

* Response to Commission Inquiry

Expansion of NRC-Japan Research Cooperation

In connection with the US-Japan bilateral program to expand cooperation in nuclear safety research, H. Faulkner, IP and L. Shao, RES, visited Japan during the week of March 9 for working session meetings. As a result of these meetings, staff agreement was reached on the programs to be covered in the exchange and the scope of cooperation in the areas of Seismic Reliability of Nuclear Power Plants and Reliability of Pressure Boundary Components. Because of the strong program of component testing in Japan, this cooperation will beneficially complement the NRC analytical research programs in these areas.

Exchange of Operating Incident Information

Following the visit to Japan, H. Faulkner travelled to Taiwan and Korea to discuss the bilateral exchange of operating incident information. This visit is part of the IP effort to regularly and systematically acquire foreign operating incident information. Guidelines on the type of incidents to be reported were provided to the Atomic Energy Council of Taiwan and the Nuclear Regulatory Bureau of Korea. The AEC agreed to exchange such information, while the Korean authorities will consider our proposal and reply later.

Foreign Visitors

On Monday and Thursday, Mr. Bela Bugar of the Technical Inspectorate Association of Bavaria (TUEV-BAYERN) met with R. Lo, and representatives of the Environmental Evaluation Branch of NRR, to discuss comparisons between different off-gas systems for BWRs.

On Monday, a ten-member regional government delegation from the Italian state of Lombardy,met with K. E. Cornell of EDO, J. D. Lafleur and A. M. Gore of IP for an overview of NRC, with D. Thompson and L. W. Bell of IE for a briefing

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ENCLOSURE H

Foreign Visitors Cont'd

on the Incident Response Center, and with B. K. Grimes of NRR for a briefing on emergency planning and NRC-FEMA interaction. On Friday, the Italian delegation met with representatives of the Consolidated Edison Company of N.Y., Inc. at the Visitor Center of the Indian Point Nuclear Station for related discussions of emergency planning and the protection of the local population during emergency situations.

On Monday, Mr. Joe P. Dydik, Manager, and Messrs. D. Howchin and T. Viglasky of the Fuel and Heavy Water Plant Division of the Canadian Atomic Energy Control Board (AECB) met with R. G. Page, W. T. Crow, E. Y. Shum, and W. A. Nixon of FC, NMSS to discuss the regulation and licensing of uranium hexafluoride production plants. On Wednesday, the Canadian team met with C. L. Cain of IE (Region IV) to discuss compliance inspection of UF-6 facilities. On Thursday the Canadians toured the Kerr-McGee UF-6 plant in Gore, Oklahoma, which is similar to a Canadian facility regulated by the AECB.

On Tuesday, Dr. A. S. McLean, Director, and Mr. L. D. G. Richings, Deputy Director and Secretary of the U.K. Radiological Protection Board, and Dr. John Gaunt, Atomic Energy Attache of the British Embassy met with Commissioners Kennedy and Bradford, W. J. Dircks, Acting EDO, R. Browning of NMSS, H. K. Shapar of ELD, W. T. Russell and T. D. Murphy of NRR and J. D. Lafleur of IP to discuss NRC's current policies in (1) licensing, (2) reorganization, and (3) standards for waste management.

On Wednesday, Mr. Alexander Schaub, Deputy Cabinet Chief of Dr. Guido Brunner, Commissioner for Energy of the European Communities, met with J. R. Shea of IP to discuss the future of NRC export licensing practices and the renewal of the US/EURATOM Agreement, and with W. T. Russell of NRR to discuss the practical consequences of the Kemeny Report on NRC licensing procedures and the NRC organization/reorganization.

On Thursday, Mr. Kiichi Takahashi, Director, and Mr. H. Watanabe, Assistant General Manager of the Overseas Electrical Industry Survey Institute of Japan (a contractor for the Japanese Ministry of International Trade and Industry), met with Z. R. Rosztoczy of NRR to discuss the development of computer codes.

On Friday, Mr. Hidehiko Matsubayashi of the Nuclear Power Plant Department of Hitachi, Ltd. of Japan met with H. J. Faulkner and D. M. Chenier of IP for a general overview of NRC and related international cooperation activities.

On Friday, Srs. Federico Rodrigo, Eduardo Aparicio, Emilio Romero, Gaetano Martinez, and Pedro Trueba, of the safety staff and the fuel fabrication staff of the Spanish Junta de Energia Nuclear (JEN), met with R. G. Page and R. L. Stevenson of FC:NMSS to discuss safety problems associated with fuel fabrication facilities.

Foreign Visitors Cont'd

Notice of postponement - The Thursday, April 8 Commissioner appointments for Mr. Ulf Sundquist, the Finnish Minster of Trade and Industry, has been postponed. An alternate date for rescheduling the visit has not been identified.

* Foreign Reports

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EXPORT/IMPORT AND INTERNATIONAL SAFEGUARDS

US/IAEA Safeguards Agreement

The staff (NMSS, SD, IP, ELD, and IE) held a series of meetings this week on Part 75, the regulations to implement the Agreement with respect to licensed nuclear activities. A revised text is in preparation and will be forwarded to the Commission in the near future. In this connection, we have learned that the Senate plans to take up consideration of consent to ratification sometime during April or May.

Component General Export License

The staff has received Executive Branch approval of a proposed general license for the export of nuclear reactor components destined for certain countries which meet all the necessary export criteria of the NNPA. The staff will now proceed with a formal rulemaking action on this proposal.

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING MARCH 28, 1980

Program Development

Tom Elsasser, Region I SLO, particpated this week with the Regional Advisory Committee in the review of the Massachusetts and Maine emergency plans during visits to those two States.

ENCLOSURE I

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

WEEK ENDING MARCH 28, 1980

Congressional

(1) Working with offices and within MPA, sent answers to Clausen/Symms questions to Commission; (2) sent to OPE information from offices and caseload forecast data for Bevill testimony.

PPPG

Per Chairman's request, revised draft FY 82-86 guidance to include offices' comments. Sent to EDO for response to Chairman. No new major issues were raised in offices' remarks.

ENCLOSURE J

STATUS OF NUCLEAR POWER REACTORS UNDER NRC PURVIEW - FEB. 29, 1980

SOURCE: OFFICE OF MANAGEMENT & PROGRAM ANALYSIS

Number Of Units		Capacity* (MWe)
**67	LICENSED TO OPERATE (Excludes 3 which have operating licenses but are shut down indefinitely - Three Mile Island 2, Humboldt Bay, and Indian Point 1)	49,000
1	LICENSED FOR LOW-POWER TESTING	1,000
87	CONSTRUCTION PERMIT GRANTED	96,000
	36 Under Operating License Review	39,000
	51 Operating License Not Yet Applied For	57,000
	(Excludes 3 which have been denied certification by the N.Y. State Siting Board - Sterling 1 and Jamesport 1 & 2)	
11	UNDER CONSTRUCTION PERMIT REVIEW (Excludes 5 which are indefinitely postponed - Greenwood 2 & 3, Montague 1 & 2, and Clinch River; and 2 which have been denied certification by the N.Y. State Siting Board - New Haven 1 & 2)	14,000
166	TOTAL	159,000***

*Net Maximum Dependable Capacity for operating units for which it is established; net Design Electrical Rating for all other units.

**The 67 units have accumulated 452 reactor years of operation. An additional 56 reactor years of operation have been accumulated by permanently or indefinitely shut down units.

***Numbers do not add exactly due to rounding.

NOTE: Only units docketed by NRC are included. Hence, two status categories ("Ordered" and "Publicly Announced") included in similar charts issued through December 1979 are not used.

NP1-30

ENCLOSURE N