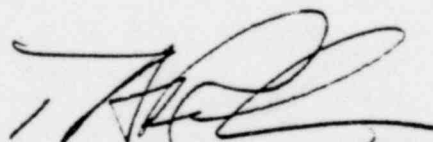


December 6, 1979

For: The Commissioners
From: T. A. Rehm, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING NOVEMBER 30, 1979

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

<u>Contents</u>	<u>Enclosure</u>
Administration	A
Nuclear Reactor Regulation	B
Standards Development	C
Nuclear Material Safety and Safeguards	D
Inspection and Enforcement	E
Nuclear Regulatory Research	F
Executive Legal Director	G
International Programs	H
State Programs	I
Management and Program Analysis	J
Controller	K
Analysis and Evaluation of Operational Data	L*
Items Approved by the Commission	M**



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

Contact:
T. A. Rehm
49-27781

1599 024

*No input this week.

**Deleted from Commissioners and PDR copy.

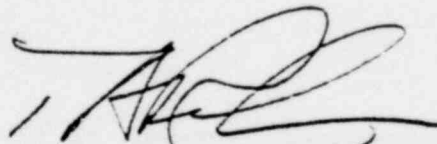
7912180148

December 6, 1979

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Subject: WEEKLY INFORMATION REPORT - WEEK ENDING NOVEMBER 30, 1979

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Items Approved by the Commission	M**



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

Contact:
T. A. Rehm
49-27781

1599 025

*No input this week.
**Deleted from Commissioners and PDR copy.

SUMMARY OF KEY EVENTS
WEEK ENDING NOVEMBER 30, 1979

Brunswick Unit No. 1

Brunswick Unit 1 is in cold shutdown after tripping on reverse power caused by a failure of the main generator exciter.

Brunswick Unit No. 2

Brunswick Unit 2 tripped from 100% power on November 19, 1979, apparently from a spurious high steam pressure signal. Group 1 isolation occurred inadvertently during the transient. The plant was returned to power on November 21, but reached an Iodine spiking limit. Power was held at about 15% for 24 hours until Iodine levels returned to normal.

Canada

The Hydrology-Meteorology Branch agreed to provide the Canadian Atomic Energy Control Board with assistance in evaluating accident meteorologic conditions for a reactor site near Toronto using NRC methodology.

Vulnerability Assessment of NFS West Valley Facility

A Physical Security Development Branch team is conducting the first vulnerability assessment of a spent fuel storage site using the new assessment methodology.

Order to Certain Radiography Licensees

On November 21, 1979, an order was transmitted to eight radiography licensees authorized to use an Automation Industries Model 36907 sealed source requiring them to discontinue use of the sealed source until such time that the source had been returned to the manufacturer for modification. The order was issued because of a very high failure rate of the connection between the source capsule and the pigtail cable of the Model 36907 sealed source.

DOE Hot Experimental Facility (HEF) Project

The HEF Project is a research and development effort by DOE in support of breeder reactor development. NMSS staff members met with DOE representatives at the request of DOE to discuss and explore the general scope of an NRC "licensability" review of the planned facility. This preliminary discussion was held to provide a basis for later, formal agreements on NRC safety, safeguards and environmental reviews of the project.

1599 026

OFFICE OF ADMINISTRATION

Week Ending November 30, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Received	541	35
Granted	392	12
Denied	91	16
Pending	58	7

ACTIONS THIS WEEK

Received

S. Gannis
(79-501) Requests information related to nuclear power and the NRC.

Benjamin I. Goldhagen
(79-502) Requests inspection reports of radiologic sites at the University of Southern California for the last two years.

Joe Ptak,
Iowa Public Interest
Research Group
(79-503) Requests a copy of five listed NUREG reports and any comments on each.

(An individual requesting
information about himself)
(79-504) Requests all records relating to him in the NRC.

Ronald E. Wood,
Teknekron Research, Inc.
(79-505) Requests a copy of the proposal submitted by Science Applications Inc. and NUSAC, Inc. in response to RFO RS-NMS-79-043, "Bulk Material Control."

Laura T. Parker,
Teknekron, Inc.
(79-506) Requests a copy of the selected proposal in response to RFP RS-NMS-79-045, "Licensing Assistance/Socioeconomic Impacts Evaluation."

Joseph Ptak,
Iowa Public Interest
Research Group
(79-507) Requests a copy of six listed Regulatory Guides and to be placed on NRC distribution list for future Reg Guides.

CONTACT: J. M. Felton
492-7211

1599 027

ENCLOSURE A

Received, Cont'd

Joan McMahan
(79-508)

Requests all correspondence between either Appalachian Power Company or American Electric Power Company and the NRC relating to any possible nuclear plants to be constructed in the next 15 years in Virginia or West Virginia.

Thomas B. Cochran,
Natural Resources
Defense Council, Inc.
(79-509)

Requests information related to the recently reported possibility of the explosion of a small nuclear device in the southern hemisphere and information related to the analysis of weapons fallout data in New Zealand or elsewhere and any sonar data that may relate to this explosion.

Thomas B. Cochran,
Natural Resources
Defense Council, Inc.
(79-510)

Requests all information related to shipments, purchases or negotiations for delivery of uranium by Pakistan and/or Libya during the past 12 months and information relating to the design or construction of a nuclear explosive device by Pakistan and/or Libya.

Peter Penner,
Prairie Alliance
(79-A-27-79-414)

APPEAL TO THE COMMISSION the denial of the "Reed Report" by the ASLBP.

James Dougherty,
Attorney-At-Law
(79-A-28-79-471)

APPEAL TO THE EDO, on behalf of his client, Willi Reynolds, for lack of response regarding document pertaining to the determination of a route for the shipment of spent nuclear fuel from foreign sources to the Savannah River Plant.

Thomas B. Cochran,
Natural Resources
Defense Council, Inc.
(79-A-29-79-260)

APPEAL TO THE EDO for four classified viewgraphs generated by the Task Force on Safeguards Policy.

Granted

(An NRC employee)
(79-429)

In response to a request, as a representative of another NRC employee, four specific documents, made available two documents and informed the requester the NRC has no records pertaining to the other two requested records.

Diane E. Findley,
Science Applications, Inc.
(79-431)

Made available a copy of the non-proprietary version of RFP RS-NMS-79-024 entitled "Volume Reduction Techniques in Low Level Radioactive Waste Management."

1599 028

Granted, Cont'd

Ellen Flynn,
National Evaluation
Systems, Inc.
(79-462)

Made available a copy of the non-proprietary version of RFP RS-OSD-79-002 entitled "Standards for Psychological Assessment of Security Personnel."

David S. Fleischaker,
Attorney-At-Law
(79-464)

Made available one document pertaining to a meeting held on October 19, 1979 on Diablo Canyon Nuclear Power Plant, where Commissioner Richard T. Kennedy was present.

S. P. Carfagno,
Franklin Research Center
(79-470)

Made available 41 documents pertaining to IE Bulletins for 1975 and IE Information Notices for 1979.

Edward C. Cavazos,
Sacramento Insurance
Marketing Corp.
(79-485)

Made available a copy of an organizational computer listing of NRC employees.

James Dougherty,
Attorney-At-Law
(79-A-28-79-471)

In response to an appeal for documents related to the determination of a route for the shipment of spent nuclear fuel from foreign sources to the Savannah River Plant, made available eight documents.

Denied

Thomas B. Cochran,
Natural Resources
Defense Council, Inc.
(79-260)

In response to a request for all documents generated or utilized by the Task Force on Safeguards Policy and any subsequent information developed by the NRC pertaining to recommendations of the Task Force, made available 26 documents. Denied four documents in their entirety and portions of six documents.

George E. Monroe,
PRC Energy Analysis Company
(79-404)

In response to a request for a copy of the winning proposal submitted by the Franklin Research Institute in response to contract solicitation NRC RFP No. RS-NRR-79-118 entitled "Review and Evaluation of Approximately 500 Pending Operator Reactors Licensing Actions", a copy of the resulting contract and other information regarding this solicitation, made available a copy of the non-proprietary version of the winning technical proposal and a copy of the contract. Denied portions of the evaluation committee's final report containing advice, opinions, and recommendations of the staff.

1599 029

DIVISION OF CONTRACTS

Week Ending November 30, 1979

PENDING COMPETITIVE REQUIREMENTS

RFP RS-RES-80-180

Title - Source Term Characterization Resulting from Explosively Caused,
Severe Deformations of Spent Fuel Shipping Casks

Description - A study to establish the magnitude and characteristics of
potential radiological source terms associated with specified
explosive attacks on spent fuel casks and releases through
violations away from the point of explosive attack.

Period of Performance - Fifteen months

Sponsor - Office of Nuclear Regulatory Research

Status - Solicitation being prepared

RFP'S ISSUED

1. 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 - RFP issued November 26, 1979. Proposals are due January 4, 1980.

2. RFP RS-NMS-80-027

Title - Environmental Assessment of Surface and Groundwater Impacts from
Uranium Recovery Operations

Description - The Commission, in its review of license applications, re-
newals, and modifications requires the technical assistance of
a contractor to assist in the development of environmental
appraisals and impact statements. The effort requires a
review of applicants' submittals and the preparation of an
environmental assessment. The assessment, along with other
data, will be furnished in a technical evaluation report.
The contractor shall additionally be prepared to respond to
public comment on these assessments and to possibly collect
actual field data on some sites.

Period of Performance - Two years

Sponsor - Office of Nuclear Material Safety and Safeguards

Status - RFP issued November 27, 1979. Proposals are due January 4, 1980.

1599 030

ENCLOSURE A

PROPOSALS UNDER EVALUATION

RFP RS-MPA-79-353

Title - MPA Product Evaluation

Description - Conduct an evaluation of 11 MPA management information products to determine the effectiveness and efficiency of each product.

Period of Performance - One year

Sponsor - Office of Management and Program Analysis

Status - Letters requesting clarifications were issued to offerors in the competitive range on November 26, 1979. Clarifications are due December 18, 1979. Unsuccessful letters were also issued November 26, 1979.

1599 031

DIVISION OF SECURITY

WEEK ENDING NOVEMBER 30, 1979

1. Comments and suggestions were transmitted to the General Services Administration on their proposed draft revisions to two Federal Property Management Regulations and two Federal Procurement Regulations related to the physical security of ADP facilities. These proposed revisions are a direct result of OMB Memorandum A-71, Transmittal Memorandum No. 1, Security of Federal Automated Information Systems.
2. Recommendations were transmitted to Region III for upgrading the physical security of their office areas as a result of a recent technical security survey.
3. Revision of Appendix 2101, Part III, "Control of Classified Information and Documents," including an implementation of Executive Order 12065, "National Security Information," and the Information Security Oversight Office directive implementing that Executive Order, has been forwarded to the Office of Management and Program Analysis to obtain concurrence and for publication. Pertinent comments of Headquarters Offices and Divisions have been incorporated.
4. The Division of Security has been actively involved in reviewing and commenting on the functional and data requirements report on its Central Personnel Security Clearance Index, which was conducted by the Division of Automatic Data Processing Support and its principal contractor, International Business Services, Inc. (IBS).
5. The Division of Security, in coordination with the Division of Safeguards Inspection (OIE) and the Division of Organization and Personnel (ADM) has established procedures for the orderly and timely upgrade of security clearances of OIE inspectors to the "Q" level as approved by the Commission (SECY 79-518).

1599 032

ENCLOSURE A

OFFICE OF NUCLEAR REACTOR REGULATION

WEEKLY ITEMS OF INTEREST
(Week Ending November 30, 1979)

Turkey Point Steam Generator Repair Hearing

On November 15, 1979, the Atomic Safety and Licensing Board cancelled the scheduled dates for the filing of testimony and the hearing on the steam generator repair program for the Turkey Point Plant Unit Nos. 3 and 4. The response date for discovery requests not in dispute is now set for December 15, 1979.

Brunswick Unit No. 1

Brunswick Unit No. 1 is in cold shutdown after tripping on reverse power on November 20, 1979. The reverse power was caused by a failure of the main generator exciter. Subsequently a loss of off-site power was sensed due to apparent grid voltage degradation and the emergency diesel generators actuated. An inverter was also lost and main steam isolation valves closed during the transient. Four relief valves lifted due to the pressure increase (one of the four was inadvertent) and Reactor Vessel Water level decreased. RCIC started but tripped on overspeed due to a governor setting error. HPCI was isolated for surveillance testing. The operators restored HPCI to service and reset RCIC before RV water level decreased to -40". DOR is following this matter closely with I&E. The unit was restarted on November 29, 1979 after repairing the inverters and trouble shooting the generator exciter. Full power operation is expected to resume after verification tests of the generator exciter at 30% power.

Brunswick Unit No. 2

Brunswick Unit No. 2 tripped from 100% power on November 19, 1979, apparently from a spurious high steam pressure signal. Group 1 isolation occurred inadvertently during the transient. The plant was returned to power on November 21, but reached an Iodine spiking limit. Power was held at about 15% for 24 hours until Iodine levels returned to normal. On November 23, 1979 Unit No. 2 was at 83% power in the process of resuming full power operation.

Maine Yankee

The licensee requested by a license amendment application dated September 18, 1979, permission to expand the spent fuel pool storage capacity from 953 to 1545 spent fuel assemblies. A unique compacted spent fuel pin assembly was proposed rather than an increase in storage locations. A non-profit corporation, Sensible Maine Power, filed a petition for leave to intervene on November 23, 1979, the last day of the prenotice period.

1599 033

Canada

Dr. Ulo Nurmsoo, Canadian Atomic Energy Control Board, called L. Hulman, Hydrology-Meteorology Branch on November 24, 1979 and requested assistance in evaluating accident meteorologic conditions for a reactor site near Toronto using NRC methodology. Assistance was agreed to in the form of limited consultation and computer analysis.

1599 034

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING NOVEMBER 30, 1979

1. On November 20, 1979, the Executive Director for Operations approved for publication and signed a Federal Register notice of denial of petition for rulemaking PRM 150-1 that requested the NRC to amend Part 150 by removing §150.20(b)(3). This would have removed from the NRC's general license for reciprocal recognition of Agreement State licenses a condition stating that any person who engages in activities in non-Agreement States under §150.20(a) shall not possess or use radioactive materials or engage in authorized activities for more than 180 days in any calendar year. On the same date, the petitioner, Chem-Nuclear Systems Inc., was informed with a statement of the ground of denial: The limit of 180 days in any calendar year should not be removed from §150.20 because it is still appropriate to have a breakpoint between NRC's recognition of Agreement State licenses for transient field operations in non-Agreement States and issuance of NRC licenses for longer-term activities and transient operations throughout the United States.

[Ralph Jones, 443-5949]

2. On November 21, 1979, the EPA Office of Radiation Programs held a meeting with representatives of NRC, DOE, NASA, DOD, HUD, NBS - Commerce, and BRH on the EPA proposed Federal Agency guidance on transuranics in soil. DOE, DOD and NASA continue to have serious problems with the proposed guidance. NRC concurrence with comments was provided to EPA in March 1978. The White House has requested Mr. Costle to review the EPA proposed guidance with other affected agencies at the policy level. NRC as well as other agencies will be requested to review the proposed modified guidance within several weeks. Since several EPA technical support documents were not available in 1978, the reexamination of the proposed guidance will require several months to complete.

[E. F. Conti, 443-5966]

1599 035

Regulatory Guides to be Issued in the Near Future

Title: Radiological Effluent and Environmental Monitoring at Uranium Mills
(Reg. Guide 4.14, Rev. 1 - new title)

Expected Issuance Date: January 1980

Description: This guide describes programs acceptable to the NRC staff for measuring and reporting releases of radioactive materials to the environment from uranium mills.

Contact: John Hickey
443-5966

Title: Containment Isolation Provisions for Fluid Systems
(Reg. Guide 1.141, Rev. 1)

Expected Issuance Date: February 1980

Description: This guide describes a method acceptable to the NRC staff for complying with the Commission's requirements with respect to containment isolation of fluid systems.

Contact: T. G. Scarbrough
443-5913

Publications Issued During the Week of November 26-30, 1979

Draft Regulatory Guide and Value/Impact Statement - Proposed Revision 2 to Regulatory Guide 1.136, "Materials, Construction, and Testing of Concrete Containments (Articles CC-1000, -2000, and -4000 through -7000 of the 'Code for Concrete Reactor Vessels and Containments')", Task SC 814-5
[Comments requested by January 31, 1980]

Regulatory Guide Division 3 - Fuels and Materials Facilities - Table of Contents

1599 036

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending November 30, 1979

Action Plan Working Group Meeting

Members of this interagency group met at the State Department on November 27, 1979, to continue the planning of the U.S. efforts to strengthen IAEA safeguards. The principal item of business was finalization of a procedure for coordinating U.S. assistance to other countries in developing and improving their state systems of accounting and control. NMSS had prepared the draft procedures that were finalized in the course of the meeting.

Vulnerability Assessment of NFS West Valley Facility

A Physical Security Development Branch team is conducting the first vulnerability assessment of a spent fuel storage site using the new assessment methodology. The assessment began on November 26 and was completed on November 29, 1979.

Disposal of Liquid Scintillation and Institutional Wastes

Plans are being made to visit selected medical institutions to study alternative methods for disposal of institutional radioactive wastes. The first trip has been tentatively scheduled for December 6 and 7 at Duke University.

Report on Radon Releases from Mining and Milling

A revised draft of the radon report has been prepared for NRC internal review. Although the latest radon release data from underground mining will not be documented by Battelle PNL until the end of the year, the preliminary numbers have been incorporated in the draft. It is believed that the review should proceed while the final underground mining radon release estimates are being documented. In the event the PNL underground mining report shows a need to revise the radon release estimates, the necessary changes could be incorporated with other changes resulting from the NRC internal review.

1599 037

Order to Certain Radiography Licensees

On November 21, 1979, an order was transmitted to eight radiography licensees who were authorized to use Automation Industries Model 36907 sealed source. The order required the licensees to discontinue use of the sealed source until such time that the source had been returned to the manufacturer for modification. The order was issued because of a very high failure rate of the connection between the source capsule and the pigtail cable of the Model 36907 sealed source. Since the Model 36907 sealed source is authorized to contain up to 200 curies of cobalt 60, which produces high radiation levels, a source separation creates a potential for a serious overexposure. Based on these factors, the staff concluded that continued use of the Automation Industries Model 36907 sealed source as presently constructed constituted a potential hazard to the public health and safety.

DOE Hot Experimental Facility (HEF) Project

The HEF Project is a research and development effort by DOE in support of breeder reactor development. As conceived, the HEF would provide a demonstration of breeder fuel reprocessing technology and as such, is planned by DOE as an integral part of the overall breeder program. NMSS staff members met with DOE representatives at the request of DOE to discuss and explore the general scope of an NRC "licensability" review of the planned facility. This preliminary discussion was held to provide a basis for later, formal agreements on NRC safety, safeguards and environmental reviews of the project. Conceptual design work is underway at Oak Ridge National Laboratory, including development of some key process equipment, in anticipation of submittal of a conceptual design report to Congress in FY 1981 (The schedule is keyed to conceptual design work on breeder reactors).

1599 038

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending November 30, 1979

1. Preliminary Notifications relating to the following actions were dispatched during the past week:
 - a. PNO-I-79-22 Millstone Units 1 & 2 - Injury to Construction Worker
 - b. PNO-II-79-34 Browns Ferry Nuclear Plant - Emergency Response Drill For a Simulated Transportation Accident Involving Radioactive Waste
 - c. PNO-III-79-44A St. Margaret's Hospital, Spring Valley, Illinois - Loss of Mo-99/Tc-99m Generators
 - d. PNO-III-79-45 & -45A Davis-Besse Unit 1 - Reactor Coolant System Flow Below TS Minimum
 - e. PNO-III-79-46 Nuclear Engineering Company, Beatty, Nevada - Hearing Called by the State of Nevada
 - f. PNO-III-79-47 Marble Hill Units 1 & 2 - Congressional Hearing
 - g. PNO-III-79-48 Midland Units 1 & 2 - Industrial Accident
 - h. PNO-III-79-49 Kerr-McGee Chemical Company, West Chicago, Illinois - Reported Contamination in Formerly Owned Building in West Chicago
 - i. PNO-III-79-50 Quad Cities Unit 1 - Inaccurate Instrument Calibration of ECCS Setpoint
 - j. PNO-III-79-52 Zion Units 1 & 2 - Gouged Areas Observed on Bergen-Paterson Steam Generator Snubbers
 - k. PNO-IV-79-17 State of Nebraska - State of Nebraska Concurrence Exercise
 - l. PNO-TMI-79-06 Three Mile Island Units 1 & 2 - Inadvertent Transportation of Contaminated Waste Off-Site
 - m. PNS-V-79-1A Trojan - Continuing Licensee Investigation Into the Use of Narcotics by Individuals Associated with the Trojan Plant
 - n. PNS-V-79-2 Exxon Nuclear Corporation, Richland, Washington - Plutonium Nitrate Offered for Sale

2. The following IE Circulars were issued:
 - a. IE Circular 79-23, "Motor Starters and Contactors Failed to Operate," was issued on November 26, 1979 to all power reactor facilities with an operating license or construction permit.

1599 039

ENCLOSURE E

- b. IE Circular 79-24, "Proper Installation and Calibration of Core Spray Pipe Break Detection Equipment on BWRs," was issued on November 26, 1979 to all power reactor facilities with an operating license or construction permit.

1599 040

POOR ORIGINAL

OFFICE OF NUCLEAR REGULATORY RESEARCH

Important Items - Week Ending November 30, 1979

Loss of Fluid Test

On November 21, 1979, at 8:06 p.m. (MST) the first nuclear powered small break test was initiated in the LOFT facility. This test was the first in a group of three full powered tests in which the cold leg break flow was intended to exceed the high pressure injection system (HPIS) flow (L3-1), equal the HPIS flow (L3-2), and be less than HPIS flow (L3-3).

The sequence of events is believed to be as follows. The reactor tripped in 2 seconds before the break was opened and the pump was tripped. This has no effect on the test behavior; however, the next experiment will be conducted so as to permit the plant protection system to initiate the trip. The HPIS flow initiated automatically in 1.2 seconds. The pressurizer emptied in 16.3 seconds. The accumulator injection was initiated in 10.5 minutes, with the N₂ injection in 29 minutes. Since the primary coolant system (PCS) pressure was dropping very slowly, according to procedures the steam generator secondary feed and bleed was initiated in about 1 hour. The low pressure injection system (LPIS) began automatically in 1 hour and 11 minutes. The depressurization and event sequence proceeded as planned.

In contrast to the L3-0 test when the pressurizer level indicated full for a prolonged period, the level dropped linearly to empty. The pressure vessel emptied to about 3 feet above the core or 3 feet below the nozzles. Once the accumulator began to inject, the downcomer refilled quickly and the pressure vessel soon refilled to the nozzle level. The accumulator injected water at a slow steady rate. Once nitrogen injection began, it entered in small short spurts. A newly installed "subcooling meter" did not give a very decisive indication. Because of the temperature and pressure instrument uncertainties involved in this reading, the indicated temperature at saturation had an uncertainty band of +9°F. Furthermore, highly subcooled temperatures measured in the cold leg due to ECC injection pointed out the importance of locating the temperature sensor where equilibrium conditions are expected to prevail, such as in the top of the pressure vessel.

Prior to the test, predictions were made with the RELAP4, MOD7, TRAC and RELAP5 codes. NRR required the three PWR vendors and EXXON to predict the results. With selection of L3-1 as an International Standard Problem many foreign countries will predict the results. Comparison of the data with these predictions is proceeding as the predictions become available. While initial comparisons of the available predictions show some differences, these may be related to the initial accumulator level being 7 inches lower than planned.

The Quick Look Report will be issued November 30, 1979, and the Experiment Data Report in late January 1980. A post experiment analysis report and various reports comparing predictions to data should follow soon afterwards.

1599 041

ENCLOSURE F

SAFER

Following the accidental exposure of a fuel fabricating plant worker to high airborne concentrations of mixed uranium-plutonium oxide particles, staff members of the Lovelace Inhalation Toxicology Research Institute provided physico-chemical and biological information obtained from their NRC research project to assist in estimating the amount of radioactive material deposited internally. Further analyses will be made of samples of the material inhaled to calculate the dose received by the exposed worker.

1599 042

OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

November 30, 1979

Items of Interest

THREE MILE ISLAND, UNIT 2 (EPICOR-II)

On December 3, 1979, on the basis of a joint motion by all parties, the Licensing Board issued an Order terminating the proceeding. The joint motion was based on an agreement between the intervenor (Susquehanna Valley Alliance), licensee and NRC whereby the licensee and NRC agreed (1) not to challenge the finality of the Commission's October 16, 1979 Memorandum and Order (directing the use of EPICOR-II) for purposes of judicial review and (2) not to argue that the intervenor failed to exhaust available administrative remedies by pursuing the hearing before the Licensing Board. The NRC and licensee did, however, reserve their rights to challenge the jurisdiction of any U.S. District Court, should an action be brought in such court.

1599 043

ENCLOSURE G

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING NOVEMBER 30, 1979

INTERNATIONAL COOPERATION

Steam Generator Tube Wastage at Borssele Reactor

The Netherlands nuclear inspectorate reported to IP, November 26, that during a recent in-service inspection significant wastage of steam generator tubing was detected at the Borssele reactor. The wastage is localized, but thinning up to 60 percent of the tubing wall thickness occurred. The tube material is Incalloy 800 which is not used extensively in U.S. reactors. The Dutch stated that the wastage phenomena is due to some unknown process that may be associated with sea water intrusion. A full description of the tube wastage and the results of a metallurgical examination of a few tubes will be sent to IP when available.

Canadian Exchange Meeting

IP this week coordinated and participated in the two-day visit of an 11-member Canadian delegation led by Mr. Jon Jennekens, President of the Canadian Atomic Energy Control Board (AECB). The team, which included AECL and utility representatives, was in the U.S. to discuss (a) several topics of recent reactor operating experience, including specific incidents and generic problem areas, (b) AECB-NRC communications during radiological emergencies, and (c) the proposed AECB-NRC Safety Information Exchange Arrangement. They also briefed the staff on the sequence of events and lessons learned from the 1952 accident at their NRX experimental reactor (30 MW).

IP had worked with ELD to simplify the proposed Arrangement text, as the AECB had requested during Commissioner Kennedy's September 1979 meetings in Canada. The AECB seemed pleased with the NRC effort to include only essentials, and gave an initial indication that most of the problems seemed to have been removed. They intend to forward an official response by December 7.

International Attendance of Emergency Response Training

On September 19, the staff advised the Commissioners that DOE had again disapproved participation of foreign nationals in the Radiological Emergency Response Operations Training Course, which is conducted at the Nevada Test Site, and that IP would contact DOE to find out whether a special course could be arranged for foreigners. At IP request the DOE-Nevada Operations Office is obtaining from the Reynolds Electric Company (RECO), the course manager, a proposal to conduct a special session of the emergency response course for representatives of foreign safety agencies, either once or twice a year. The proposal, which we had expected in late November, has been delayed and is now expected in early January.

1599 044

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING NOVEMBER 30, 1979

State Agreements

The Louisiana and Idaho radiation control programs for agreement materials will be conducted December 3-7, 1979.

A followup review of the Arizona program will be conducted on December 6 and 7, 1979.

Program Development

On November 28 S. A. Schwartz testified before the Nuclear Subcommittee of the Oklahoma Legislature on State/Federal authority in the regulation of Nuclear Materials and Facilities.

An NRC State Liaison Officers' meeting was held on November 28 and 29 in Dallas, Texas to acquaint Region IV State officials with NRC's regional office operations and to discuss other topics of mutual concern. These included the Agreement States Program, NRC response to incidents and NRC/licensee notification to States, emergency planning, regulation and policy on uranium mill tailings, waste management and transportation of radioactive materials.

Emergency Preparedness

Hal Gaut met with State of Oregon emergency planning officials to discuss development of the State plan. During this visit he also conferred with Leon Brown of the Palo Verde facility and briefed a State planning group, comprised of all involved State and local agencies, on NRC emergency planning requirements. He also visited the NRC Region V office at Walnut Creek to discuss exercise requirements with Andy Robart (SP), Terry Meade (FEMA) and California OES officials.

Dick Van Niel participated in two NRR site visits involving Cooper and Ft. Calhoun.

On November 28 Tom Elsasser, Region I SIO, attended a meeting in Region IV with State Liaison Officers. He discussed two separate topics: the role of NRC in emergency preparedness and the public information aspects of the accident at Three Mile Island.

During the week of November 5-9 the Region V State Liaison Officer (SP) attended meetings with Oregon and California State Emergency Planning officials in Sacramento and Portland. The meetings were requested by officials in both States to clarify NRC's current emergency planning

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ENCLOSURE I

regulatory effort. In particular, State officials wanted to clarify the relationship between NRC's on-site emergency planning regulatory efforts and the States' and locals' off-site emergency planning responsibilities.

On November 21 the Region IX Regional Advisory Committee met with the State of California to discuss the RAC role in the comprehensive Spring emergency drill to exercise the California, San Diego and Orange County emergency plans. California's State plan has been concurred in by the NRC but an annual exercise is required to maintain concurrence. As a result of the meeting, the RAC IX will participate as observers in the Spring drill. Additionally, the State will keep the RAC abreast of the development of the actual scenario.

On November 30, 1979 Ken Green and Tony Marasco will attend a meeting with local officials on the development of a county emergency plan for Indian Point. Ken Green will discuss and outline the concepts of such a plan.

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OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

WEEK ENDING - NOVEMBER 30, 1979

FY 1980 Operating Plans

Sent (1) to EDO the summary of the Program Offices' operating plans to be forwarded to the Commission; (2) to Program Office Directors the detailed operating information for their offices. These plans will form the baseline against which the agency's accomplishments and expenditures in FY 80 can be measured.

NASAP/INFCE

(1) Sent to the Commission the first semi-annual "NRC Report to Congress on the Status of Domestic and International Evaluations of Nuclear Reactor and Fuel Cycle Systems." (2) Sent NRC staff comments to DOE on their final draft NASAP report.

Emergency Preparedness

Incorporated EDO's views in cover memo and transmitted to the Commission the emergency preparedness organizational options paper.

MIS Publication

Distributed NUREG-0594, "Occupational Radiation Exposure at Commercial Nuclear Power Reactors 1978."

Consumer Affairs

Sent to EDO a letter to Esther Peterson containing comments on Executive Order 12160 on protecting consumers' interests.

Congressional Testimony

Corrected and edited transcript of (1) Rep. Moffett's hearing (of 11/1) on response to Kemeny report; (2) Rep. Dingell's hearing (of 11/5) also on Kemeny report.

SES Performance Appraisal

Sent to Mr. Donoghue, Chairman of Performance Review Board, and other members a final draft of the form and procedures for performance appraisal and planning for SESers.

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ENCLOSURE J

Office of the Controller

Item of Interest

Week Ending November 30, 1979

FY 1981 Budget

The budget hearings before the House Appropriations Committee, Subcommittee on Energy and Water Development will be held on February 26, 1980, beginning at 10:00 a.m. The Subcommittee has also stated that the handling of the Committee transcript (with its quick turnaround) will be required as was done for the hearings on the 1980 budget.

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Enclosure K