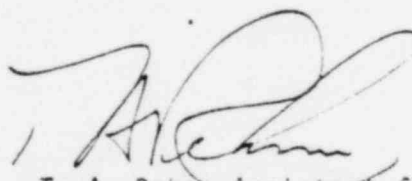


October 22, 1980

For: The Commissioners  
From: T. A. Rehm, Assistant for Operations, Office of the EDO  
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING OCTOBER 17, 1980

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 **
Calendar of Speaking Engagements	N



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

\*No input this week.  
\*\*Deleted from PDR copy.

CONTACT:  
T. A. Rehm, 27781

8010800 295

## Summary of Weekly Information Report

Week Ending October 17, 1980

### Davis-Besse, Unit No. 1

A defective valve was found during leak testing on check valves isolating the reactor coolant system (RCS) from the discharge lines of the low pressure injection system. The valve was found to have approximately a 200 gallon per minute leak rate at 2150 psig reactor coolant system pressure. The test was being conducted after plant heatup following the facility's first refueling outage. Toledo Edison is considering depressurizing and draining down of the RCS in order to work on the defective valve.

### Browns Ferry Units 1, 2, and 3

An inspection disclosed that seismic restraints which wrap around the RHR service water piping and were anchored to a concrete floor in the access tunnels had pulled loose where the floor has settled. IE is discussing the problem with TVA and determining whether continued operation of Browns Ferry Units 1 and 3 is justified (Unit 2 is currently down for refueling).

### TMI-2 Reactor Building Entry

The third entry was completed on October 16. The entry team of three health physics technicians and two maintenance men remained in the building for up to 87 minutes. A preamplifier for an inoperable neutron source range monitor was removed and the two associated neutron sensors were jumpered to wires which terminate outside of the reactor building. Maintenance personnel also reset tripped differential pressure interlocks on the equipment hatch personnel airlock. An inoperable noise monitor preamplifier was removed for offsite analysis. Photographs, swipes and radiation surveys were also made during the entry.

### GESMO

The period for public comments on the question of reopening the GESMO proceeding ended September 29, 1980. Out of 57 replies received, 47 were for reopening the proceeding, 9 were against, and one asked for more time.

### AEOD Briefings

On October 17, AEOD sponsored two agency-wide briefings and demonstrations of the procedure to encode all of the LER information associated with individual operating events. This procedure is being developed by AEOD and the Nuclear Safety Information Center at ORNL in order to systematically and sequentially present the cause, equipment involved, specific failures, and effect on the plant of each event in a manner which will allow computerized searching and sorting of the information.

OFFICE OF ADMINISTRATION

Week Ending October 17, 1980

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Received	591	37
Granted	459	13
Denied	92	17
Pending	40	7

ACTIONS THIS WEEK

Received

Anne L. Ekstrom,  
Business Organized  
for a Safe Society  
(80-510)

Requests information on spent fuel routes through Colorado.

Peter Verrecchia,  
Rhode Island Public  
Interest Research  
Group  
(80-511)

Requests documents concerning the processing of reactor fuel at the United Nuclear Corporation Recovery Systems, Wood River Junction, Rhode Island during the years 1972 to the present.

Wayne Dillehay,  
Critical Mass  
Energy Project  
(80-512)

Referral from the Oak Ridge National Laboratory of a request for records pertaining to any analyses of Licensee Event Reports for commercial reactors concerning the assessment of such event reports for determining precursors to core melt accidents.

Lane Krause,  
Alternatives  
(80-513)

Requests copies of the applicant's Preliminary Safety Analysis Report, NRC Safety Evaluation Report, applicant's Environmental Report, and NRC's Draft and Final Environmental Impact Statements for the River Bend nuclear power plant and all documents regarding the choice and actuality of River Bend being a BWR.

Ellyn R. Weiss,  
Harmon & Weiss,  
on behalf of UCS  
(80-514)

Requests a copy of a document dated September 1980 by the Office of Analysis and Evaluation of Operational Data on the interim equipment and procedures at Brown's Ferry to detect water in the scram discharge volume.

Thomas J. Madden,  
Attorney-At-Law  
(80-515)

Requests 12 categories of information.

CONTACT: J. M. Felton  
492-7211

ENCLOSURE A

Received, Cont'd

Thomas J. Madden,  
Attorney-At-Law  
(80-516)

Requests seven categories of information.

Granted

W. Jackson Davis,  
University of California  
(80-475)

In response to a request for 14 categories of information relating to the dumping of radioactive wastes off the Atlantic and Pacific coasts, made available 11 documents. Informed the requester all other records relating to this request are available at the PDR and at NRC's Region V office.

Anna L. Nerenberg,  
Center for Development  
Policy  
(80-487)

In response to a request for a copy of a memorandum to the Commissioners from James R. Shea dated July 21, 1980, SECY-80-336 and a memorandum to James R. Shea from Louis V. Nosenzo dated May 6, 1980, which are referenced in the Memorandum and Order CLI-80-30, dated September 22, 1980, made available a copy of SECY-80-336, referring one of its appendices to the Department of State for direct response to him.

Steve Gannis  
(80-488)

In response to a request for several categories of information pertaining to nuclear power plants in the US and waste disposal methods, made available five documents. Informed the requester other records subject to this request are already available at the PDR.

Mary K. Empey,  
Federal Acquisition  
Counselors  
(80-494)

In response to a request for a listing of all procurement offices within the NRC and the commodities procured by each office, made available three documents.

C. W. Fay,  
Wisconsin Electric  
Power Company  
(80-502)

In response to a request for copies of the latest reports of inspection performed by the Office of Inspection and Enforcement at The Okonite Company and at The Rockbestos Company, made available two documents.

Kenneth F. Oehrle  
(80-504)

In response to a request for a copy of job descriptions in the occupational series 1811, made available nine documents.

Granted, Cont'd

John F. Doherty  
(80-505)

In response to a request for a copy of 22 listed documents, made available a copy of these records.

(An individual requesting  
information about himself)  
(80-507)

In response to a request for information concerning his Reactor and Senior Reactor Operator license exams, made available this information.

Brian D. Hunt,  
Sunbelt Educational  
Foundation  
(79-A-13-79-211)

THE COMMISSION granted on appeal a copy of the General Electric "Reed Report."

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

THE COMMISSION granted on appeal a copy of the General Electric "Reed Report."

Denied

Sutton Keany,  
Attorney-At-Law  
(80-485) -

In response to a request for three categories of information pertaining to fees for withdrawn applications, made available 16 documents. Denied two documents in their entirety constituting legal advice and other internal deliberative material, the disclosure of which would adversely affect the ability of the Commission to engage in candid deliberations.

DIVISION OF CONTRACTS

Week Ending October 17, 1980

CONTRACT AWARDS

NRC-04-80-214

Title - Evaluation of Ecosystem Simulation Models as Tools for Assessment of Power Plant Impacts on Fish Populations

Description - Theoretical models and computer simulations provide possible techniques for performing confirmatory impact assessments of nuclear power plants on commercial and recreational fishing resources, which the NRC is responsible for under NEPA. This project will evaluate new models developed by applicants, consistent with previous model examinations, develop a test to determine site specificity of existing models, and compare model behavior under different conditions and consider the option of verification with field data.

Period of Performance - Three years

Sponsor - Office of Nuclear Regulatory Research

Status - Cost reimbursement type contract awarded to University of Washington, Seattle, Washington, in the total amount of \$413,726.

CONTRACTS CLOSED OUT

(All administrative action completed and final payment made)

<u>Contract No.</u>	<u>Contractor</u>	<u>Close-Out Date</u>
AT(49-24)-0305	Binder/Elster Associates	10/10/80
NRC-05-78-309	Nuclear Data, Inc.	10/10/80

ENCLOSURE A

MANAGEMENT DEVELOPMENT AND TRAINING STAFF

ITEMS OF INTEREST

WEEK ENDED 10/17/80

RAPID READING

Two classes have been scheduled in Rapid Reading beginning October 29 and running through December 11, 1980. Class I will meet Mondays and Wednesdays and Class II will meet Tuesdays and Thursdays. There will be four additional classes offered under this contract to be scheduled later during FY-81.

STATISTICS

The Management Development and Training Staff circulated a Training Announcement to obtain interest from NRC technical and non-technical employees who have a definite job-related need to take a course in Statistics. If enough interest is generated, the first course will be offered, in-house, taught by Dan Lurie, MPA, starting December 2, 1980 and running through February 5, 1981.

OFFICE OF ADMINISTRATION

TIDC

Week Ending October 17, 1980

Document Management Branch is responsible for obtaining clearance from GAO for information collections imposed on 10 or more entities. The following is status of recent activity.

A. Clearances under internal review

10 CFR 30 extension (NMSS)

Radiological Contingency Plans under 10 CFR 30, 40, and 70

B. Clearances in Concurrences for submittal to GAO

1) 10 CFR 32 extension

2) Amendment to 10 CFR 40 re: Generic Environmental Impact Statement for Uranium Mills

C. Clearance requests under review at GAO

(GAO review process takes a minimum 45 work days)

1) 10 CFR 31 extension

2) 10 CFR 33 extension

3) 10 CFR 70 extension

4) 10 CFR 21 extension

5) 10 CFR 20 extension

6) 10 CFR 55 extension

7) Amendments to 10 CFR 70 re: emergency preparedness \*

8) Amendments to 10 CFR 50 re: emergency preparedness \*

9) NRC Form 396 - Certificate of Medical History

D. Clearances suspended by GAO Awaiting further information from Program Staff

1) IAEA rule (NMSS)

2) 10 CFR 34 (NMSS)

3) Generic Clearance (I&F & NRR)

\* GAO granted approval 10/20/80



DIVISION OF SECURITY

WEEK ENDING OCTOBER 17, 1980

TMI Restart Hearings

During the week of October 13, 1980, a Division of Security representative traveled to the Harrisburg site of the TMI restart hearings to effect final security coordination with local law enforcement and security agencies providing support to the hearings.

ASLAP Hearings on Diablo Canyon

Security liaison was established with local law enforcement officials in support of ASLAP hearings on Diablo Canyon at San Luis Obispo, CA.

New NRC Badges

During the period September 30 - October 10, NRC employees were issued new photo identification badges. Approximately 2700 employees, contractors and consultants were badged during the 9-day period.

Information Security Oversight Office (ISOO) Symposium

The annual ISOO symposium will be held on November 19 and 20, 1980, in Washington, DC. The theme for this symposium is "Information Security: Critical Perspectives." The symposium will be divided into a speakers' portion which will take place on the 19th in the Department of Interior auditorium, 18th and C Streets, N.W., and a discussion of the previous day's presentations in the General Services Administration auditorium at 18th and F Streets, N.W. Among the speakers will be Seymour Hersh, New York Times; John S. Warner, former General Counsel of the Central Intelligence Agency; and Morton Halperin, Director of the Center for National Security Studies.

The symposium is open to all interested NRC staff; there is no registration fee. Additional details and registration information will be sent to NRC Office and Division Directors during the week of October 20, 1980.

IAEA Licensee Seminar/Ft. St. Vrain Visit

The Chief, Information Security Branch, participated in a seminar for licensees subject to IAEA inspection which was held in Denver, CO. He also visited Fort. St. Vrain to discuss classification matters related to the implementation of Parts 25 and 95.

OFFICE OF NUCLEAR REACTOR REGULATION

WEEKLY ITEMS OF INTEREST  
(Week Ending October 17, 1980)

Crystal River Unit No. 3 (CR-3)

The CR-3 reactor tripped at 0003 on October 8, 1980. Repair of an external power line from CR-3 required disconnecting that power line from the ring bus to allow workers to climb a power line tower. When the ring bus load was reduced the CR-3 generator and turbine tripped and the full load rejection caused a high pressure spike in primary system. The reactor tripped on high pressure.

All primary and secondary systems remained in range during this transient. The reactor returned to power operations at 0500.

Davis-Besse, Unit No. 1

On October 8, 1980, the plant staff was conducting leak testing on check valves isolating the reactor coolant system (RCS) from the discharge lines of the low pressure injection system (LPIS). The system is isolated by two check valves in series with a normally open motor operated valve. One of the check valves failed the leak testing with approximately a 200 gallon per minute leak rate at 2150 psig reactor coolant system pressure. The test was being conducted after plant heatup following the facility's first refueling outage.

Toledo Edison, operator of the Davis-Besse plant, is considering depressurizing and draining down of the RCS in order to work on the defective valve. The NRC Resident Inspector is following the actions by the plant staff and is keeping Region III and Nuclear Reactor Regulation informed.

Browns Ferry Units 1, 2, and 3

At Browns Ferry, the RHR service water lines are located in access tunnels running from the river to the reactor buildings. There are 6 tunnels, 2 for each unit. Within the tunnels, the RHR service water lines rest on concrete piers which extend down to bedrock. For personnel access, a concrete floor was poured in each tunnel level with the top of the piers. An inspection disclosed that the floor in each tunnel has settled to some extent, with the least settling in the Unit 1 tunnels and the most in the Unit 3 tunnels (up to 14" in one of the Unit 3 tunnel floors). The seismic restraints wrap around the RHR service water piping. Those restraints that were anchored to the floor had pulled loose where the floor has settled. I & E is discussing the problem with TVA and determining whether continued operation of Browns Ferry Units 1 and 3 is justified (Unit 2 is currently down for refueling).

# NRC TMI PROGRAM OFFICE WEEKLY STATUS REPORT

Week of October 12 - 18, 1980

## Plant Status

Core Cooling Mode: Cyclic natural circulation in the "A" reactor coolant system (RCS) loop via the "A" once through steam generator (OTSG), steaming to the main condenser, and RCS loop-A and B cyclic natural circulation to reactor building ambient.

Available Core Cooling Modes: OTSG "B" to the main condenser; long-term cooling "B" (OTSG-B); decay heat removal.

RCS Pressure Control Mode: Standby Pressure Control (SPC) System.

Backup Pressure Control Mode: Makeup system in conjunction with letdown flow (Emergency use only due to suspected leaks in the seal injection system).

Major Parameters (As of 0500, October 17, 1980) (approximate values)

Average Incore Thermocouples: 142°F  
Maximum Incore Thermocouple: 180°F

### RCS Loop Temperatures:

	A	B
Hot Leg	135°F	139°F
Cold Leg (1)	78°F	95°F
(2)	78°F	91°F

RCS Pressure: 95 psig (DVM)  
85 psig (Heise)

Pressurizer Temperature: 82°F

Reactor Building: Temperature: 75°F  
Water level: Elevation 290.5 ft. (8.0 ft. from floor)  
via penetration 401 manometer  
Pressure: -0.1 psig (Heise)  
Concentration:  $8.2 \times 10^{-6}$  uCi/cc (Kr-85) (sample taken 10/16/80)

## Environmental & Effluent Information

1. Liquid effluents from TMI-1 released to the Susquehanna River, after processing, were within the limits specified in Technical Specifications.
2. No liquid effluents were discharged from TMI-2.

3. EPA Environmental Data. Results from EPA monitoring of the environment around the TMI site were as follows:

- The EPA measured Kr-85 concentrations (pCi/m<sup>3</sup>) at several environmental monitoring stations and reported the following results:

<u>Location</u>	<u>October 3 - 10, 1980</u> (pCi/m <sup>3</sup> )
Bainbridge	18
Goldsboro	18
Observation Center	26
Middletown	23
Hill Island	Monitor Removed

All of the above levels of krypton-85 are considered to be background levels.

- No radiation above normally occurring background levels were detected in any of the samples collected from the EPA's air and gamma rate networks during the period from October 8 through October 16, 1980.
4. NRC Environmental Data. Results from NRC monitoring of the environment around the TMI site were as follows:

- The following are the NRC air sample analytical results for the onsite continuous air sampler:

<u>Sample</u>	<u>Period</u>	<u>I-131</u> (uCi/cc)	<u>Cs-137</u> (uCi/cc)
HP-237	October 8 - October 15, 1980	<7.4 E-14	<7.4 E-14

5. Licensee Radioactive Material and Radwaste Shipments. The following shipments were made:

- On Monday, October 13, 1980, a 40 ml Unit 2 reactor coolant sample was sent to Babcock and Wilcox (B&W) Lynchburg, Virginia.
- On Tuesday, October 14, 1980, 98 drums of compacted and 6 boxes of non-compacted Unit 2 LSA waste were shipped to Nuclear Engineering Company (NECO) Richland, Washington.
- On Wednesday, October 15, 1980, 52 drums of compacted and 12 boxes of non-compacted Unit 2 LSA waste were shipped to NECO, Richland, Washington.
- On Thursday, October 16, 1980, 12 boxes of non-compacted Unit 2 LSA waste were shipped to NECO, Richland, Washington.

POOR ORIGINAL

- On Friday, October 17, 1980, 10 boxes of Unit 2 non-compacted LSA waste were shipped to NECO, Richland, Washington.
- On Friday, October 17, 1980, three Unit 1 samples were sent to Teledyne Isotopes, Westwood, New Jersey. The samples included a 1000 ml waste evaporator condensate storage tank (WECST) monthly composite, a 1000 ml WECST "B" sample, and a 200 ml Decay Heat System "A" sample.

### Major Activities

1. Mini Decay Heat (MDH) System. The MDH system remains in an operational status pending final verification of the inline filter changeout methodology and issuance of technical specifications.
2. Reactor Building Entry and Purge. The third entry into the Unit 2 reactor building was completed at 11:54 a.m. on Thursday, October 16, 1980. The entry team of three health physics technicians and two maintenance men remained in the reactor building for up to 87 minutes. The maximum exposure, based on dosimeter readings, was less than 500 mr.

A preamplifier for an inoperable neutron source range monitor was removed and the two associated neutron sensors were jumpered to wires which terminate outside of the reactor building. The preamplifier will be inspected and repaired if necessary. The two neutron sensors will be tested from outside of the reactor building. Tentative tasks for the next entry, which is scheduled in November, will include reassembly of the preamplifier and the neutron sensor connections.

The maintenance personnel also reset tripped differential pressure interlocks on the equipment hatch personnel airlock. The interlocks tripped and failed to reset when the differential pressure on either side of the airlock doors exceeded approximately 0.5 psid.

An inoperable noise monitor preamplifier was removed for offsite analysis. Photographs, swipes and area radiation surveys were also made during the entry. The duration of the entry was extended past the scheduled 60 minutes to complete the assigned tasks which required more time than anticipated. The entry team was not exhausted physically and did not exceed the precalculated dose of 500 mr. The entry team's physical comfort was improved by a decrease in protective clothing requirements and by cooler temperatures in the reactor building.

3. Reactor Heat Removal to Ambient Test. As described in last week's report, the licensee proposed to discontinue steaming the "A" Once Through Steam Generator (OTSG) and allow reactor decay heat to be removed by heat transfer to reactor building environment (ambient). The proposal was finalized in a test procedure which was reviewed by the onsite NRC staff. The procedure was sent back to the licensee for resolution of comments. No start date for this test was finalized.

4. Spent Resin Storage Status. Fifty-two of the sixty spent resin storage cells in the "A" longterm waste storage module hold spent resin liners. Six of the occupied cells contain stacked 4' x 4' liners (two per storage cell). The "B" longterm waste storage module is presently empty with a holding capacity equivalent to Module "A".

The licensee has continued to relocate liners from the temporary interim storage facility. At present, twenty of the twenty-eight cells hold liners. One liner has been transferred to the "A" long-term waste storage module since the previous update of September 8, 1980.

#### Future Meetings

1. On Monday, October 20, 1980, B. Snyder, T. Elsasser, W. Kirk (EPA) and T. Gerusky (DER) will meet with PANE (people against nuclear energy) to discuss contents of the draft Programmatic Environmental Impact Statement (PEIS).
2. On Thursday, October 23, 1980, T. Elsasser, W. Kirk (EPA) and T. Gerusky (DER) will meet with the PA Medical Society to discuss the contents of the draft PEIS.

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING OCTOBER 17, 1980

Publications Issued During the Week of October 13-17, 1980

Reg. Guide 10.8 - Rev. 1: Guide for the Preparation of Applications for Medical Programs (Issued to Reflect Comments)

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending October 17, 1980

Texas Advisory Committee on Nuclear Energy's Report on LLW

The Texas Advisory Committee on Nuclear Energy has completed a report to Governor Clements, Jr., on low-level nuclear waste disposal. E. G. Tourigny (WM) assisted the state in a consultative manner in preparation of the report. The report recommends that Texas establish and operate a low-level waste disposal site for low-level radioactive waste generated within the State of Texas. The report also notes that subject to approval of the Texas Legislature, provision should be made to accept low-level waste from other states provided mutually beneficial agreement can be reached.

The Texas Legislature Council is currently drafting a State Bill which will reflect the recommendations in the report. It is expected that the bill will be introduced in January when the Texas Staff Legislature convenes.

Model ALARA Program for Academic Licensees

Staff of the Material Licensing Branch and the Material Certification and Procedures Branch recently held a meeting with representatives for campus Radiation Safety Officers. The views of the representatives on the staff's proposed Model ALARA Program for Academic Licensees were solicited during the meeting. Their comments and those received by phone from other academic licensees were addressed in the final version of the model program, which is being forwarded to GAO for publication in the Federal Register.

GESMO

The period for public comments on the question of reopening the GESMO proceeding ended September 29, 1980. The 57 replies received to date probably represent the final total of timely comments. Of these, 47 were for reopening the GESMO proceeding, 9 were against, and one asked for more time.

DOE Workshop

Kenneth E. Sanders will make a presentation titled, "International Safeguards with an Example of Application to Light Water Reactors" at the DOE Workshop on the Nuclear Fuel Cycle and Technical Aspects of Nuclear Weapons Proliferation being held October 21-23, 1980, in Washington, D. C., for representatives of government agencies, including State, DOD, CIA, DIA, ACDA, DOE and NRC.

ENCLOSURE D



OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending October 17, 1980

1. Charles Zimmerman, M.D., Paterson, NJ - Civil Penalty Action - On October 14, 1980, the Commission received a check in the amount of \$1,250 from the subject licensee in full payment of the proposed civil penalty issued on September 19, 1980.
  
2. Preliminary Notifications relating to the following actions were dispatched during the past week:
  - a. PNO-I-80-148 Babcock and Wilcox Plutonium Facility, Parks Township, PA - Fire in Decommissioned Hood at Parks Township Facility
  - b. PNO-I-80-149 Peach Bottom Units 2 & 3 - Unplanned Noble Gas Release
  - c. PNO-I-80-150 Beaver Valley Unit 1 - Contamination of Two Individuals
  - d. PNO-I-80-151 Salem Unit 1 - Inadvertent Radiation Exposures to Three Individuals
  - e. PNO-I-80-152 Vermont Yankee - Core Spray Sparger Crack
  - f. PNO-II-80-149 Sequoyah Unit 1 - Outage Due to Damage to Main Condenser
  - g. PNO-II-80-150 Oconee Units 1, 2, & 3 - Unplanned Radioactive Gas Release Within Regulatory Limits
  - h. PNO-II-80-151 General Electric Company, Wilmington, NC - Truck Accident
  - i. PNO-III-80-184 Palisades - Plant Trip Following Power Interruption
  - j. PNO-III-80-185 Davis-Besse Unit 1 - Extension of Outage Schedule Due To Leakage Through a Decay Heat Removal System Check Valve
  - k. PNO-III-80-186 Commonwealth Edison Co., Pekin, IL - Explosion and Fire at Fossil Fuel Plant
  - l. PNO-III-80-187 D. C. Cook Unit 1 - Initiation of Safety Injection During Turbine Control Valve Testing at 100% Power
  - m. PNO-III-80-188 Quad Cities Unit 1 - Contamination of Personnel and Exposure to Airborne Radioactivity
  - n. PNO-III-80-189 Quad Cities Unit 1 - Piping Support Seismic Qualification
  - o. PNO-IV-80-36 State of Montana - Theft and Potential Unauthorized Administration of One Millicurie of Iodine-131

ENCLOSURE E

- p. PNO-V-80-74 San Onofre Unit 1 - Identification of Unmonitored, Potentially Radioactive Liquid Waste Release
- q. PNO-TMI-80-47 Three Mile Island Unit 2 - Third Entry Into the Unit 2 Reactor Building
- r. PNO-IV-80-36A Update of PNO-IV-80-36, Theft and Potential Unauthorized Administration of One Millicurie of Iodine-131

ITEMS OF INTEREST  
OFFICE OF INTERNATIONAL PROGRAMS  
WEEK ENDING OCTOBER 17, 1980

Arrangement Activity

(a) NRC was advised by cable dated October 15 that the executed texts of the renewal of the NRC-Japan Exchange Arrangement had that day been delivered to the Embassy for return to NRC. (The U.S. had signed them September 12.) This officially extends the arrangement provisions to 1985.

(b) On October 16 IP forwarded for Executive Branch clearance and transmittal the Chairman's response to the cooperation proposal of R. Bello of the Mexican CNSNS as cleared in SECY 80-428. The proposed implementing procedures for the exchange will follow next week, via separate letter from J. Lafleur.

(c) On October 17 IP sent to the Department of State a background statement on, and a certified copy of, the recently executed NRC-Finnish Institute of Radiation Protection information exchange Arrangement, in fulfillment of Case Act reporting requirements.

Fourth Annual US-Korea JSCNOET Meeting

The Fourth Annual US-Korea Joint Standing Committee on Nuclear and Other Energy Technology was held October 14-15 at the Department of State. IP participated in the two-day meeting and made a presentation on various cooperative activities that have taken place between NRC and the Koreans over the past year. The NRC hosted a reception for the Korean delegation, along with representatives from ACDA, DOE and State, on Wednesday evening.

Foreign Visits to NRC

On Tuesday, Dr. Victor Cheng, Executive Secretary of the Taiwan Atomic Energy Council (AEC), Mr. J. P. Chien, Director of the Institute of Nuclear Energy Research (INER), Mr. S. L. Ho, of INER, and Mr. Yu Sung, Science Counselor of the Coordination Council for North American Affairs (CCNAA) met with Chairman Ahearne, Commissioners Gilinsky and Bradford, V. Stello, Jr., IE Director, L. S. Tong, AD for Water Reactor Safety Research of RES, and J. D. Lafleur, Jr., IP Deputy Director, to discuss current nuclear issues.

On Tuesday and Wednesday, Mr. Cho Cheong-Won, Assistant Director of the Nuclear Safety and Safeguards Division of the Nuclear Regulatory Bureau of the Korean Ministry of Science and Technology (MOST), met with C. M. Smith of SG/NMSS to discuss material control and accounting regulations. On Friday Mr. Cho met with W. Martin of IE Region I to discuss regional MC&A activities.

On Wednesday, Mr. Dan Ben-Naphtali, Head of the Mechanical Engineering Department of the Nuclear Research Center of Yavne, Israel, toured San Onofre Units 2 and 3 to discuss control instrumentation and safety systems.

On Wednesday, Dr. Reinhard Ueberhorst, Member of the Bundestag of the Federal Republic of Germany, and Chairman of the German Parliament's Investigative Fuel Cycle Working Group, met with Commissioner Gilinsky to discuss U.S. nuclear exports to India. Dr. Ueberhorst was accompanied by Dr. Peter Jansen, a Member of the Investigative Fuel Cycle Working Group, who also works at the Karlsruhe Nuclear Research Center.

On Wednesday, Professor Maurizio Cumo of the University of Rome and Engineer Antonio Naviglio met with L. S. Tong, N. Zuber, and Y. Y. Hsu of RES to discuss NRC's theoretical and experimental programs in thermo hydraulics applied to LWR safety.

On Thursday, Mr. Xavier Arzallus, President of the Basque Nationalist Party in Spain, Mr. Miguel Unzueta, Senator and Deputy to the Basque Parliament and Member of the Parliamentary Assembly of the European Communities, and Mr. Juan Ochoa, Deputy to the Basque Parliament and Senator to the Spanish National Parliament, met J. R. Shea, IP Director, and J. D. Lafleur, Jr., IP Deputy Director, to discuss U.S. nuclear exports to Spain and NRC cooperation activities with the Junta de Energia Nuclear, the Spanish nuclear regulatory authority.

On Friday, a six-member British delegation, comprised of representatives of the Central Electricity Generating Board (CEGB), the U.K. Atomic Energy Authority (UKAEA), and the Nuclear Power Company (NPC - the U.K. reactor vendor) met with C. Z. Serpan of RES and representatives of RES, SD, and NRR to discuss the capability of inservice inspection (ISI) techniques for PWRs and to evaluate ongoing developments.

\* Foreign Reports

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\* Deleted from PDR copy.

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK OF OCTOBER 17, 1980

The Texas radiation control program will be reviewed October 20-24, 1980. NMSS will provide technical assistance for the portion of the review on materials licensing.

The Director of OSP and IE staff met with Colorado Department of Health representatives October 15-17 to review a Colorado Bureau of Investigation report of its findings concerning possible criminal law violations by Cotter Corporation, a uranium mill operator and the Colorado Department of Health's regulatory oversight of Cotter Corporation. On October 17, the NRC representatives met with representatives of the press on this matter.

Twenty-six State regulatory personnel will attend a one-week course on radiological and environmental science laboratory procedures October 20-24, 1980 in Idaho Falls, Idaho.

On October 9, Tom Elsasser, RSLO, Region I, participated in a review panel for the student project of "Issues in High Level Radiation Waste Repository Siting" at Carnegie Mellon University in Pittsburgh, Pennsylvania. Participating with Tom on the panel were knowledgeable representatives from private industry, DOE and other Federal agencies. On October 14, 15 and 17, Tom participated in an extensive RAC III review of the Pennsylvania Radiation Emergency Response Plan. The purpose of this review was to prepare input for the TMI Unit I restart hearing.

Bob Trojanowski, RSLO, Region II, represented the NRC at a FEMA sponsored Intergovernmental Emergency Planning meeting in Atlanta, Georgia on October 12-15, 1980. On October 17, Bob also participated in a meeting between I&E Region II and the State of South Carolina in Columbia, South Carolina. The meeting focused on mutual inspection interests and concerns relative to the transportation and burial of waste at Barnwell, South Carolina.

On October 14, Bill Menczer, RSLO, Region III, met with the Chairman of the Wisconsin Public Service Commission to discuss a wide range of mutual interests concerning nuclear power. While in Madison, Bill also observed a joint emergency exercise of the Wisconsin and Minnesota radiological emergency response plans. Following these meetings Bill met with the Regional Advisory Committee to review and consolidate RAC comments on the joint exercise. The next day on October 16, Bill attended critiques and public meetings on the joint exercise.

On October 8, 1980, Dean Kunihiro, RSLO, Region V, attended a meeting between the California Office of Emergency Services and the California counties affected by the proposed California requirements for emergency planning around fixed nuclear sites. The final draft of State criteria for radiological response planning was discussed. The final State criteria are expected to be published on October 27, 1980. The criteria have been the subject of significant discussion since they were first proposed because there has been speculation that they could differ from those adopted in NUREG-0654.

On October 15 and 16, Jim Montgomery, RSL0, Region IV, participated as a member of the Regional Assistance Committee in observing an emergency response drill held in Arkansas for the Arkansas Power and Light Nuclear Plant at Russellville, Arkansas.

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

WEEK ENDING OCTOBER 17, 1980

Abnormal Occurrence Reports

The Second Quarter AO Report was sent to the Commission for approval, as was a potential abnormal occurrence involving misuse of radio-pharmaceuticals.

Operating Units Status Report

The September issue (August data) of the Gray Book was printed and distributed.

OFFICE FOR ANALYSIS AND EVALUATION OF OPERATIONAL DATA

ITEMS OF INTEREST

WEEK ENDING 17 OCTOBER, 1980

On Friday, October 17, AEOD sponsored two agency-wide briefings and demonstrations of the procedure to encode all of the LER information associated with individual operating events. This procedure is being developed by AEOD and the Nuclear Safety Information Center at ORNL in order to systematically and sequentially present the cause, equipment involved, specific failures and effect on the plant of each event in a manner which will allow computerized searching and sorting of the information. This activity once fully developed and validated will be of substantial assistance to AEOD in performing trend and pattern analyses of operating experiences, and is also expected to meet the needs of other organizations involved with LER analyses.

Carlyle Michelson's paper for presentation on October 20, 1980 at the IAEA International Conference on Current Nuclear Power Plant Safety Issues held in Stockholm, Sweden was distributed for general information. This paper overviews the US and NRC programs for operational data assessment, and provides some specific detail on related AEOD programs.



CALENDAR OF SPEAKING ENGAGEMENTS

Date	Organization	Location	Subject	Speaker
10/21/80	Midland's Technical College	Columbia, SC	The Role of the NRC in Protecting Public Health and Safety	J. Skolds
10/23/80	State Radiation Health Program Directors	Iowa City, IA	New Developments Affecting the States in Emergency Planning and Transportation Surveillance	W. Menczer
10/23/80	State Radiation Health Program Directors	Iowa City, IA	New Developments Affecting the States in Emergency Planning and Transportation Surveillance	W. Menczer, HQ
10/24/80	Regional Emergency Medical Services Program, Inc.	Canandaigua, NY	Transportation Emergencies Involving Radioactive Materials	M. Slobodien, RO
10/24/80	Nuclear Energy Symposium Texas Wesleyan College	Ft. Worth, TX	National and International Nuclear Energy Regulation	K. Seyfrit, RO V
10/25/80	Nuclear Medicine Technologists New England Society of Nuclear Medicine & Waterbury Hospital Health Center	Waterbury, CT	Inspection Process at Medical Institutions	J. Glenn, RO I
10/27/80	Power Engineer Society - Atlanta Chapter, IEEE	Atlanta, GA	Three Mile Island	R. Martin, RO II
10/31/80	16th Annual State Radiation Control Program Directors Mtg	Cherry Hill, NJ	TLD Radiation Surveys Around Nuclear Power Reactors	M. Slobodien, RO

Date	Organization	Location	Subject	Speaker
11/12/80	Pre-Law Club	Chapel Hill, NC	The Role of the NRC in Protecting Public Health and Safety	G. Maxwell
11/14/80	Nuclear Engineering Department University of Michigan	Ann Arbor, MI	TMI and its Effects on Reactor Operations	B. Martin
11/17/80	Ministerial Union	Charlotte, NC	NRC's Role in Protecting the Public	B. Martin