


M. Atsalonis  
PDR, 042

July 17, 1980

For: The Commissioners  
From: T. A. Behm, Assistant for Operations, Office of the EDO  
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING JULY 11, 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. Behm, Assistant for Operations  
Office of Executive Director for  
Operations

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

**CONTACT:**  
T. A. Behm  
27781

THIS DOCUMENT CONTAINS  
POOR QUALITY PAGES

## SUMMARY OF WEEKLY INFORMATION REPORT

Week Ending July 11, 1980

### Hatch Unit No. 1

On July 2, 1980, we issued an amendment to the Hatch Unit No. 1 Technical Specifications, permitting continued operation at hot standby or low power with an inoperable High Pressure Coolant Injection System from 7 days to 14 days.

### Duane Arnold

On July 6, 1980, seal failure was indicated on the Duane Arnold "B" loop recirculation pump. To avoid a loss of reactor coolant, the affected pump was secured and removed from service. Although Technical Specifications required plant shutdown within 24 hours if the pump could not be returned to service, the licensee requested plant operation until July 14, with one recirculation loop out of service. The staff issued Tech. Spec. changes.

### San Onofre Unit 1

During the course of performing eddy current testing of steam generator tubing, the licensee identified a significant number of tubes that are considered defective (wall penetration of 50% or more). In addition, about 1000 tubes in each of the three steam generators were found to have "anomalous" signals that make the degree of degradation or wall penetration difficult to quantify.

### EPA Guidance and Public Hearing on Occupational Radiation Exposure

EPA is finalizing the Federal guidance and supporting documentation on occupational radiation exposure and expects to submit these to the Interagency task force on this effort for review and approval the week of July 13. The public hearing may take place in December 1980 or January 1981.

### US/IAEA Safeguards Agreement

On July 2, 1980, the U.S. Senate gave its consent and advice to ratification of the US/IAEA Safeguards Agreement as a treaty.

### FY 1982-1984 Budget

The EDO provided tentative markups to Office Directors and considered reclaims.

### Trojan Nuclear Plant - (Control Building Modifications)

On July 11, 1980, the ASLB issued an Initial Decision in which it authorized the Director of NRR to make appropriate findings and to issue a license amendment permitting modifications of the control building.

OFFICE OF ADMINISTRATION

Week Ending July 11, 1980

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Received	429	30
Granted	315	8
Denied	71	14
Pending	43	8

ACTIONS THIS WEEK

Received

(An individual requesting information about himself)  
(80-342)

Requests information on his Senior Reactor Operator License exam results.

Charles E. Nelson,  
AUNYX  
(80-343)

Requests a copy of an internal memo regarding the results of the testing of AUNYX's products T-920 and D-920.

Dale R. Ulin,  
Attorney-At-Law  
(80-344)

Requests, on behalf of the Neckenby Company, 36 categories of information regarding the Washington Public Power Supply System Nuclear Plant No. 2, Richland, Washington.

Rick Trombetta  
(80-345)

Requests information on the alarm system at Three Mile Island and the modifications made during the venting of krypton gas.

(An individual requesting information about himself)  
(80-346)

Requests information on his Senior Reactor Operator License exam results.

Robert Goldsmith,  
Citizens for a  
Better Environment  
(80-347)

Requests five categories of information regarding the decontamination of Dresden 1.

Ruth Frishberg,  
International Book and  
Subscription Agency, Inc.  
(80-348)

Requests a copy of "The Analysis of Linear and Non-Linear Instability Phenomena in Heated Channels" referenced in Contract NRC-03-78-128.

CONTACT: J. M. Felton  
492-7211

ENCLOSURE A

Received, Cont'd

Peter Montague,  
National Campaign for  
Radioactive Waste Safety  
(80-349)

Requests a copy of "Submerged Demineralizer System  
Technical Evaluation Report."

William Hegarty,  
Self-Powered Lighting  
Limited  
(80-350)

Requests inspection documents since 12-31-79 regarding  
the U.S. Radium Corporation.

Peter Verrecchia,  
Critical Mass  
(80-351)

Requests a copy of NRC contracts awarded for fiscal  
year 1980, organized along state and/or congressional  
district lines, including information about the  
company and dollar amounts.

Mendel A. Puschel,  
Consumers Power Company  
(80-352)

Requests a copy of contract proposal No. RS-NRR-80-11  
dated January 18, 1980 entitled "Characterization of  
Nuclear Power Plant Protective Coating Systems Under  
Design Basic Accident Conditions."

Ellyn R. Weiss,  
Sheldon, Harmon  
and Weiss, on behalf  
of NRDC  
(80-353)

Requests a copy of the text of a speech delivered by  
Robert Burnett on or about June 30, 1980 at the  
annual meeting of the Institute of Nuclear Materials  
Management.

Debra D. McDonald,  
Nuclear Pharmacy, Inc.  
(80-354)

Requests all inspection reports and related response  
for 12 locations for Pharmatopes, Inc. and four  
locations for Pharmaco Nuclear, Inc.

Rick Trombetta  
(80-A-22-80-312)

APPEAL TO THE EDO for information on the venting of  
krypton gas at Three Mile Island.

Granted

Lane Krause  
(80-322)

In response to a request for documents regarding three  
March, 1980 violations at the River Bend Nuclear  
Plant, made available four documents.

Nancy Burks,  
Black Hills Alliance  
(80-323)

In response to a request for a copy of five listed  
documents, made available this information.

Granted, Cont'd

Leon C. Askew,  
Askew & Associates, Inc.  
(80-327)

In response to a request for a listing of the names and grades of all employees in Region II, made available this information.

Bill Wagner,  
Attorney-At-Law  
(80-328)

In response to a request for information on the material used in the clothing in the reactor room at Crystal River, the cleaning procedures for reuse of the clothing and information concerning the nature of the chemicals used in the washing procedures, made available three documents.

(An individual requesting  
information about himself)  
(80-330)

In response to a request for documents pertaining to his employment at the University of California Lawrence Radiation Laboratory, Livermore, California, informed the requester the NRC has no information pertaining to him in its personnel, security, or radiation exposure records.

Thomas B. Cochran,  
Natural Resources  
Defense Council, Inc.  
(80-331)

In response to a request for a copy of the "Report on Potential Threat to Nuclear Activities from Insiders", the DOE Study on "Effectiveness of Security Clearances", and supporting documents used at the briefing on these reports on June 19, 1980, informed the requester information relating to his request are already available at the PDR. Referred documents to the DOE and CIA for their disclosure determination and direct response to him.

Tom Trevino,  
Science Applications, Inc.  
(80-337)

In response to a request for a copy of the winning proposal in response to contract solicitation NRC-02-80-024, made available this document.

Stephanie J. Nocella,  
Advanced Technology, Inc.  
(80-339)

In response to a request for a copy of contract NRC-08-80-338, informed the requester the document is already available at the PDR.

(An individual requesting  
information about himself)  
(80-342)

Made available information on his Senior Reactor Operator License exam results.

Charles E. Nelson,  
AUNYX  
(80-343)

Made available a copy of an internal memo regarding the results of the testing of AUNYX's products T-920 and D-920

Denied

Jay Mileham,  
NRD  
(80-326)

In response to a request for the quarterly reports for 1979 for 3M Company's Po-210 static elimination devices, denied these reports containing confidential business (proprietary) information.

ENCLOSURE A

DIVISION OF CONTRACTS

Week Ending July 11, 1980

RFP'S ISSUED

RFP RS-NRR-80-101

Title - PWR Severe Accident Delineation and Assessment (Formerly entitled "Advanced Reactor Accident Delineation and Assessment")

Description - Performance of analyses and assessment of specific safety-related issues for advanced nuclear reactor types under serious consideration by the Department of Energy.

Period of Performance - Eighteen months

Sponsor - Office of Nuclear Reactor Regulation

Status - RFP issued on July 7, 1980.

PROPOSALS UNDER EVALUATION

RFP RS-NMS-80-034

Title - Radiological Evaluation of Contaminated Sites

Description - Technical Assistance to determine and define the radiological conditions existing at on-site burial grounds used by licensees and for sites, not presently licensed, which are known to contain burial radioactive materials.

Period of Performance - Two years

Sponsor - Office of Nuclear Material Safety and Safeguards

Status - Revised proposals received July 9, 1980; proposals under evaluation.

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)-0136	United Engineers & Constructors	7/3/80
NRC-02-77-201-4	Keystone Center for Continuing Education	7/3/80
NRC-02-77-201-8	Westinghouse Electric Corp.	7/3/80
NRC-02-77-201-9	General Research Corp.	7/3/80
NRC-02-77-201-12	The Aerospace Corp.	7/3/80
NRC-03-76-272	Barbay Engineers, Inc.	7/2/80
NRC-03-79-147	John Kuhlman	7/3/80
NRC-10-77-069	Congressional Information Services, Inc.	7/3/80

ENCLOSURE A

CONTRACTS CLOSED OUT (Cont'd)

<u>Contract No.</u>	<u>Contractor</u>	<u>Close-Out Date</u>
NRC-05-79-262	Eberline Instrument Corp.	7/8/80
NRC-14-73-026	Department of Justice	7/8/80
NRC-14-74-025	Federal Power Commission	7/8/80



DIVISION OF SECURITY  
WEEK ENDING JULY 11, 1980

Security Survey

The Facilities and Systems Security Branch (FSSB) conducted a periodic security survey of Science Applications, Inc., McLean, VA. This survey of their new facility resulted in a satisfactory rating.

ASLBP Hearings

During the week of June 23, 1980, FSSB personnel coordinated with local law enforcement agencies and provided security support services for the Atomic Safety and Licensing Board Panel hearings in Harrisburg, PA.

Standard Format and Content for Security Plan

Licensees subject to 10 CFR Part 25, "Access Authorization for Licensee Personnel," and 10 CFR Part 95, "Security Facility Approval and Safeguarding of National Security Information and Restricted Data," have been furnished copies of a "Standard Format and Content for Security Plan for Protection of Classified Information." This plan, coordinated with NMSS and IE, is furnished to assist licensees in the preparation of security plans required for NRC security facility approval in order to obtain NRC classified information.

Proposed NUREG Document on Protection of Classified Information and Matter

TIDC is editing proposed NUREG document prepared by the NRC Division of Security to furnish information to licensees on the implementation of 10 CFR Parts 25 and 95. This document will be coordinated with Headquarters offices and divisions, including Regional Offices.

Federal Register Notice

A Federal Register Notice establishing the fee schedule (Appendix A to 10 CFR Part 25) for "Q" and "L" access authorizations required by Part 25 was published on Thursday, July 3, 1980 (p. 45256). The fees established by this schedule will remain in effect for all access authorization requests received from licensees during the remainder of 1980. A revised fee schedule will be published in December 1980 for requests received during 1981.

FY 80 Reinvestigation Program

The Division of Security has initiated the FY 80 reinvestigation program. Eligible employees are currently being notified through their appropriate program support or administrative personnel. August 1, 1980 is the target date by which affected employees must return their security forms to the Division of Security through their program support or administrative officer.

RFP RS-ADM-80-369

The first meeting of the Source Evaluation Panel for RFP RS-ADM-80-369, "Classified Safeguards Program Security Survey Training Program," was held on July 9, 1980. Representatives of the Division of Contracts, Office of Inspection and Enforcement and the Division of Security reviewed the final RFP for this contract covering an important element of the Classified Safeguards Program.

OFFICE OF NUCLEAR REACTOR REGULATION

WEEKLY ITEMS OF INTEREST  
(Week Ending July 11, 1980)

Hatch Unit No. 1

On July 2, 1980 we issued an amendment to the Hatch Unit No. 1 Technical Specifications. The amendment permitted continued operation at hot standby or low power with an inoperable High Pressure Coolant Injection (HPCI) System from 7 days (current Hatch Unit No. 1 specifications) to 14 days (current licensing practice). The purpose of continued operation is to perform a diagnostic test and repair program for enhancing the reliability of the HPCI. The program was requested by OIE, Region II because of the experience at Hatch of start failures and inadvertent isolations of this system.

Duane Arnold

At approximately 3:00 P.M. on July 6, 1980, seal failure was indicated on the Duane Arnold "B" loop recirculation pump. No loss of coolant occurred since the other seal on "B" loop recirculation pump remained intact. To preclude the possibility of a loss of reactor coolant as a result of failure of the intact seal, the affected pump was secured and removed from service. The Technical Specifications required the plant to be shut down within 24 hours if the pump could not be returned to service. The licensee determined that repairs could not be effected within 24 hours and telecopied an amendment request to permit plant operation until July 14, 1980 with one recirculation loop out of service. An unrelated problem in April 1980 resulted in one recirculation pump being inoperative and the licensee requested Technical Specifications changes to permit operation with one recirculation loop out of service until repairs could be effected. The staff issued an amendment on May 6, 1980, to permit such operation at power levels up to 50% of rated power. The licensee's amendment request of July 7, 1980, was a request for interim reinstatement of the previous amendment. The Staff concluded that reinstatement of the previous amendment on an interim basis was acceptable and issued the Tech Spec changes. IE was notified of the licensing actions.

ENCLOSURE B

SAN ONOFRE UNIT 1

During the course of performing eddy current testing (ECT) of steam generator tubing, the licensee has identified a significant number of tubes that are considered defective (wall penetration of 50% or more). In addition, about 1000 tubes in each of the three (3) steam generators were found to have "anomalous" signals that make the degree of degradation or wall penetration difficult to quantify.

Those tubes with "anomalous" signals were also inspected by a more advanced but slower ECT probe. The advanced technique identified a large number of additional defective tubes. Preliminary data show that, out of almost 400 tubes that have been analyzed, about 40% of the tubes have been found defective. These results appear to indicate the need of continuing inspection with the advanced technique. This would cause additional radiation exposure for the inspection personnel. It is estimated that the total exposure to date is in the range of 300 to 600 man-rems.

The NRC staff are at the plant site to facilitate the evaluation of inspection results. The licensee and their consultants are requested to meet with the staff in the week of July 6, 1980, to discuss the inspection results and to determine the future course of action.

# NRC TMI PROGRAM OFFICE WEEKLY STATUS REPORT

Week of: July 6-12, 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, July 11, 1980) (approximate values)

Average Incore Thermocouples: 138°F

Maximum Incore Thermocouple: 196°F

RCS Loop Temperatures:

	A	B
Hot Leg	147°F	150°F
Cold Leg (1)	107°F	85°F
(2)	125°F	86°F

RCS Pressure: 82 psig (Heise)  
93 psig (DVM controlling)

Pressurizer Temperature: 94°F

Reactor Building: Temperature: 93°F  
Water level: Elevation 290.4 ft. (7.9 ft. from floor)  
via penetration 401 manometer  
Pressure: -0.5 to -0.1" Hg (Heise)

## Environmental & Effluent Information

1. Liquid effluents from IMI-1 released to the Susquehanna River, after processing, were within the limits specified in Technical Specifications.
2. No liquid effluents were discharged from IMI-2.
3. Results from EPA monitoring of the environment around the IMI site were:

activity being emitted. At approximately 10:00 a.m., on July 11, 1980, the purge system was shutdown (final condition) based on licensee declaration that the purge was complete. Preliminary calculations of total release as of the shutdown was approximately 43,000 curies based on stack flow rate and measured stack concentration using HPR-219A values. Latest reactor building Kr-85 concentration was analyzed at  $1.9 \times 10^{-4}$   $\mu\text{Ci/cc}$ .

Subsequent samples, with the reactor building isolated, will be taken to monitor for long term equilibrium conditions. Analysis of the accumulated purge data to date will continue by the licensee and NRC.

During this week, two material problems occurred. At 6:20 a.m., on July 8, 1980, the MHC system was shutdown due to a high alarm on the system's monitor (HPR-229) noble gas channel. This was due to a faulty detector cable. The detector and cable were replaced and the monitor was restored to operation. Also, when the MPS was started for the first time on July 8, 1980, leaks were detected in the system resulting in local noble gas concentration (approximately 100 MPC) near the ventilation system in the auxiliary building. The majority of the leaks were corrected and the MHC system was utilized to reduce local noble gas concentrations in the area to near background readings.

3. Reactor Building Entry. Pending further evaluation of the reactor building atmosphere as a result of recent purge evolution, the licensee expects to enter the containment within the next month.

As previously reported, the  $\Delta P$  safety interlock solenoid pin has been put into the deenergized state permitting operation of the inner door handwheel. Actual opening of the inner door remains to be tested and is expected by the end of next week.

4. Mini-Decay Heat (MDH) System. System modification work and test items are still in progress. Operation is expected by the end of July 1980. A schedule date for opening DH-V1/171 is not finalized by the licensee as yet.

Meetings attended with Public Officials and Interested Groups.

On Monday, July 7, 1980, J. T. Collins attended a Pre-hearing Conference on modifications of the TMI-2 Technical Specifications.

On Tuesday, July 8, 1980, J. T. Collins, B. Snyder, F. Congel and D. Brinkman attended a second Pre-hearing Conference on modifications of the TMI-2 Technical Specifications.

On Thursday, July 10, 1980, J. T. Collins addressed the ACRS on the purging of the krypton-85 from the TMI-2 reactor building.

On Thursday, July 11, 1980, R. Conte attended a hearing before the 3rd Federal District Court of Appeals in Philadelphia on a motion by petitioners to halt the purging of krypton-85 from the TMI-2 reactor building.

On Friday, July 11, 1980, J. T. Collins and D. Brinkman met in Bethesda with representatives of Met-Ed and petitioners to discuss modifications to the TMI-2 Technical Specifications.

On Friday, July 11, 1980, B. Snyder, J. T. Collins and et al met with representatives of Met-Ed, the U. S. Justice Department, OGC and SVA to discuss the handling, storage and disposition of waste generated from the processing of waste water through EPICOR II and the proposed SDS system.

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING JULY 11, 1980

1. EPA Guidance and Public Hearing on Occupational Radiation Exposure: In a telephone conversation between Allan Richardson, EPA, and Karl R. Goller, SD/NRC on 7/8/80, Mr. Richardson indicated that the EPA is finalizing the Federal guidance and supporting documentation on occupational radiation exposure and expects to submit these to the Interagency task force on this effort for review and approval the week of July 13. Following this, it will be submitted to appropriate agencies to obtain their approval on publishing this guidance for public comment and the notice of the public hearing to be jointly sponsored by EPA, NRC and OSHA. Mr. Richardson indicated that EPA's final internal review process would be conducted in parallel with this external review and that he was optimistic that both these will be completed in time to enable publication in the Federal Register about September 1. Assuming a 60 or 90 day notice period, the public hearing could take place in December 1980 or January 1981.

[Contact: K. R. Goller, 443-5991]

Publications Issued During the Week of July 7-11, 1980

Reg. Guide 5.57, Rev. 1 - Shipping and Receiving Control of Strategic Special Nuclear Material [Issued to Reflect Comments]

ENCLOSURE C

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending July 11, 1980

US/IAEA Safeguards Agreement

On July 2, the U.S. Senate gave its consent and advice to ratification of the US/IAEA Safeguards Agreement as a treaty. Approximately 210 NRC and Agreement State facilities will be included in the initial list of eligible facilities. SECY 80-274, currently under consideration by the Commission, proposes in final form a new 10 CFR Part 75 and conforming amendments to 10 CFR Parts 40, 50, 70, 150, and 170 which are necessary to effect this Agreement.

Implementation of the Agreement will require (1) submission of safeguards design information for each facility to the IAEA, (2) negotiation of a facility attachment for each facility describing how IAEA safeguards will be applied, (3) preparation of license conditions for each facility, (4) establishment of reporting procedures for routinely providing information to the IAEA and (5) support of IAEA inspection at selected facilities. It is anticipated that a three-year time period will be necessary to establish the IAEA safeguards program in all eligible facilities.

NMSS has the lead in coordinating NRC's implementation activities, and represents NRC on the U.S. negotiating team which will develop with the IAEA the detailed programs for the application of safeguards. A licensee eligible facility list will be submitted to the State Department and new accountability reporting instructions will be ready for GAO review by the end of July.

Material Licensing Branch

A meeting was held July 1, 1980 with Mr. David L. Purdy, Chairman of the Board, Coratomic, Inc., with regard to Coratomic's request for an amendment to their license to authorize implantation of a programmable plutonium powered pacemaker. Representatives of the Food and Drug Administration's Cardiovascular Group were also in attendance since they play a role in granting premarketing approval of these types of medical devices. Mr. Jim Harrison of Senator Chiles' (Florida) office attended on behalf of a State of Florida constituent who wants the new programmable device implanted. The meeting was a general discussion of the matters that need to be addressed by the FDA and the NRC with regard to approval of new nuclear pacemakers under the existing regulations of both agencies.

. ENCLOSURE D



Inquiry Concerning Possible Thorium Processing at Fort St. Vrain Reactor Site

The Public Service Company of Colorado (PSC) has informed us that its supplier of purified thorium oxide needed for the manufacture of fuel for the Fort St. Vrain Nuclear Generating Station has decided to withdraw from the thorium processing business. One possibility being considered is for PSC to locate a small facility at the Fort St. Vrain site to perform the thorium processing operations. The purified thorium would continue to be supplied to General Atomic Company for manufacture of the high temperature gas reactor fuel. ELD has been asked for its preliminary views on whether the thorium processing operation on the Fort St. Vrain site is subject to NRC or Colorado (an Agreement State) licensing.

Briefing of the Rhode Island State and Local Officials on the Status of United Nuclear Corporation Facility at Wood River Junction

On July 8, 1980, at the request of Governor Garrahy of Rhode Island, a member of the NMSS staff briefed state and local officials on the decommissioning status of the United Nuclear Facility (UNC) at Wood River Junction, Rhode Island. Of particular interest is the status of the contamination found in an aquifer beneath a lagoon on UNC's property which has been used for storage of liquid wastes from the plant. The contamination, both radiological and non-radiological (mainly nitrates and fluorides), was identified in 1977 and evaluated by NRC's consulting geohydrologist, Dr. Donald Warner of the Missouri School of Mines. At that time, Dr. Warner stated that the contaminants did not appear to pose any immediate threat to a water supply and that if no new contaminants are introduced, the aquifer would purge itself over a period of years and that the contamination should not interfere with future development of the aquifer for a water supply. Data was presented to show that the area of contamination is rather small compared to the total aquifer area and that it was purging itself, as Dr. Warner predicted, into the Pawcatuck River 1500 feet away. The contaminated plume has been fairly narrowly defined by monitoring wells and current data indicates that the radiological contamination in the well nearest the lagoon is below EPA's interim drinking water standards for municipalities. A commitment was made by NRC to have another study made by a geohydrologist prior to termination of the license to assure the state and interested parties that the aquifer is continuing to purge itself and to try to predict when the entire aquifer will be acceptable to use as a drinking water source.

These matters were also discussed at a public meeting held in Charlestown, Rhode Island, on the evening of July 8, 1980. Topics addressed were the concerns expressed in Governor Garrahy's letter to Chairman Ahearne dated June 23, 1980. Information presented by NRC appeared to be accepted by state and local officials as well as the public. Media interest was high. Radio, TV and press reporting was factual and stressed the positive aspects of the situation.

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending July 10, 1980

1. Civil Penalty Action - The Commission received checks in the amounts of \$24,000, \$8,000, and \$2,100 from Carolina Power and Light Company, Diagnostic Isotopes, Inc., and Alexandria Hospital, respectively, in response to recent civil penalty actions.
2. The following Notifications of Significant Enforcement Action were dispatched during the past week:
  - a. EN-80-28 Applied Health Physics, Inc., Bethel Park, PA - On July 3, 1980, an Order was issued to the subject licensee requiring the prompt repackaging of waste byproduct material and prompt transfer to an authorized land burial facility. This action was based on the licensee's failure to transfer all waste byproduct material to an authorized land burial facility by July 1, 1980, as agreed to in a meeting with NRC Region I on April 1, 1980.
  - b. EN-80-29 Teledyne Isotopes, Inc., Westwood, NJ - On July 8, 1980, a Notice of Violation and a Notice of Proposed Imposition of Civil Penalties in the amount of \$3,000 were issued to the subject licensee. This action was based on two alleged items of noncompliance relating to packaging and labeling of radioactive materials delivered to a carrier for transport.
  - c. EN-80-30 Jersey Central Power and Light Company (Oyster Creek) - On July 8, 1980, a Notice of Violation and a Notice of Proposed Imposition of Civil Penalties in the amount of \$21,000 were issued to the subject licensee. This action was based on five alleged items of noncompliance relating to radiological safety.
  - d. EN-80-31 Boston Edison Company (Pilgrim) and Two Employees Licensed as Senior Reactor Operators at Pilgrim - On July 8, 1980, a Notice of Violation and Notice of Proposed Imposition of Civil Penalties in the amount of \$13,000 were issued to Boston Edison Company. This action was based on three alleged items of noncompliance related to refueling activities. In addition, a Notice of Violation was issued to a Licensed Senior Reactor Operator and a letter of reprimand was issued to another Licensed Senior Reactor Operator, both of whom were involved in the events leading to the apparent items of noncompliance.
3. Preliminary Notifications relating to the following actions were dispatched during the past week:
  - a. PNO-I-80-97 Haddam Neck Plant - Unplanned Gaseous Radioactivity Release
  - b. PNO-I-80-98 Millstone Unit 1 - Transportation Accident

ENCLOSURE E

- c. PNO-I-80-99 Charles Zimmerman, M.D. & S. G. Bluestein, M.D., Paterson, NJ --Stolen Package Containing Iodine-131 Capsule
- d. PNO-II-80-119A Browns Ferry Unit 3 - Failure of Control Rods to Insert During a Scram
- e. PNO-II-80-120 Sequoyah Unit 1 - Initial Criticality
- f. PNO-II-80-121 Robinson Unit 2 - Unscheduled Outage, Steam Generator Tube Leak
- g. PNO-II-80-122 Hatch Unit 1 - Cracks in Transition Spool Piece Reactor Water Cleanup System
- h. PNO-II-80-123 McGuire Unit 1 - Workers Hospitalized by Oxygen Explosion
- i. PNO-III-80-127 Quad Cities Unit 1 - Plant Shutdown to Repair Valve Leak Inside Drywell
- j. PNO-III-80-128 & -128A Palisades - Forced Shutdown Caused by Main Generator Seal Oil Leak
- k. PNO-III-80-129 Mallinckrodt, Inc., St. Louis, MO - Two Cases Marked Radioactive Material Purchased at an Estate Sale
- l. PNO-III-80-130 Pfizer, Inc., East St. Louis, IL - Lost Level Gauge Containing About 8 Millicuries of Cs-137
- m. PNO-III-80-131 Clinton Units 1 & 2 - Stop Work - Electrical Workers
- n. PNO-V-80-54A San Onofre Unit 1 - Steam Generator Tube Degradation
- o. PNO-V-80-56 Trojan - Excessive Chlorine and Low pH in Effluent Released to the Columbia River
- p. PNO-V-80-57 Rancho Seco - Two Perimeter Fence Direct Radiation Environmental Monitors Above Technical Specification Reporting Values
- q. PNO-TMI-80-38C, -38E, -38F, -38G, & -38H Three Mile Island Unit 2 - Reactor Building Purge Status
- r. PNO-TMI-80-39 Three Mile Island Unit 2 - Ambulance Leaves Site
- s. PNS-I-80-17 Three Mile Island Units 1 & 2 - Threat to Defeat Security
- t. PNS-I-80-18 Three Mile Island Units 1 & 2 - Bomb Threat
- u. PNS-II-80-15 Sequoyah Unit 1 - Suspected Intrusion of the Protected Area
- v. PNS-II-80-16 Yellow Creek - Bomb Threat
- w. PNS-IV-80-10 Comanche Peak Units 1 & 2 - Civil Disobedience

4. The following IE Bulletin was issued:
  - a. IE Bulletin 80-17, "Failure of 76 of 185 Control Rods to Fully Insert During a Scram at a BWR," was issued on July 3, 1980 to all BWR power reactor facilities with an operating license.

OFFICE OF NUCLEAR REGULATORY RESEARCH

Important Items - Week Ending July 11, 1980

TRAC Code

On July 1, 1980, LASL released the TRAC-PD2 version of the code to INEL, BNL and Sandia.

LOFT

A decision has been made by the Division of Reactor Safety Research, and at the recommendation of INEL, to cancel the next small break test, L3-4. This test was intended to simulate a stuck open PORV and to be initiated at full power. The reasons for this cancellation are based on the results of the L3-0 test (stuck open PORV from full temperature and pressure, but from zero power) and the results of the most recent test, L3-7, described in last week's weekly report. Although details are yet to be supplied, the contractor has advised RES that these results are sufficient to confidently anticipate the L3-4 results, and that no new information would be provided by running the test.

This action will advance the L3-5 and L3-6 tests (small breaks with primary pumps tripped and not tripped respectively) by about one month. Thus, the L3-5 target date is now September 17, 1980. The transient test to be paired with L3-5 will be the L6-1 test, involving a loss of steam load.

Consideration is being given to temporarily and partially uncovering the core during the L3-6 test and to performing a cold-water accident in conjunction with one of the operational transient tests (possibly the L6-3, excessive load, test).

OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

WEEK ENDING JULY 11, 1980

Trojan Nuclear Plant - (Control Building Modifications)

On July 11, 1980, the ASLB issued an Initial Decision in which it authorized the Director of NRR to make appropriate findings and to issue a license amendment permitting modifications of the control building.

ENCLOSURE G

NPT Safeguards

International Programs is also reviewing proposed subsequent arrangements which involve the signing of protocols concerning the suspension of the application of safeguards by the IAEA under the trilateral Safeguards Agreements between the US/IAEA/Switzerland and the US/IAEA/Portugal. Under the new arrangements, trilateral safeguards will be supplanted by Switzerland/IAEA and Portugal/IAEA NPT safeguards.

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING JULY 10, 1980

State Agreements

The Georgia Department of Human Resources and New York State Health Department's radiation control programs for agreement materials will be reviewed during the week of July 14, 1980.

W. Kerr will attend the workshops on the Low Level Waste Management Licensing Rule in Denver on July 14 and 15 and in Chicago on July 17 and 18. The Regional Liaison Officers, Jim Montgomery and Bill Menczer will attend the Denver and Chicago meetings respectively.

W. Kerr and Jim Montgomery will meet with Utah officials on July 16 to discuss agreement negotiations.

Program Development

William B. Menczer, RSLO, RIII, met on July 2 with the Regional Advisory Committee, Region V, in Battle Creek to discuss the results of its evaluation of Michigan's radiological emergency response plan exercise conducted on June 24. He also visited the Federal relocation center located in Battle Creek to examine its facilities and to inspect agency files at the location.

William B. Menczer, RSLO, RIII, attended meetings of the Federal Regional Advisory Committee on federal emergency planning on July 10 and 11 at the Argonne National Lab to discuss the evaluation of Indiana's radiological emergency response plan.

A meeting with DOT was held Tuesday afternoon, July 8, to discuss the future of the program of joint NRC/DOT contract support of States for surveillance of transportation of radioactive materials. Development of a model contract, which would include a State enforcement role, was a major topic of discussion. SD, NMSS, I&E, ELD, Contracts and SP were represented at the meeting. In addition, Robert Ryan (SP) and Lee Santman (DOT) signed a joint document which describes the program, reviews the progress to date, and discussed plans for the future. Copies are available through SP.

Andy Robart attended the annual meeting of the National Conference of State Legislatures in New York City on July 9 and 10.



OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

WEEK ENDING JULY 11, 1980

Information for EDO Use

In conjunction with other offices and AEDC, provided EDO with list of issues and other general background information for discussions.

Abnormal Occurrence Report

Sent to EDO the First Quarter CY-80 report for Commission approval and transmittal to Congress.

Review of Proposed FY 82-84 Programs

Director and staff reviewed offices' program area submissions for EDO prior to sending to Commission next week.

EDO Review of FY 80 Programs

Assisted EDO in preparing for Commission briefing on progress of selected FY 80 programs.

Office of the Controller

Items of Interest

Week Ending July 11, 1980

FY 1982 - 1984 Budget

The Executive Director for Operations provided tentative mark ups to Office Directors and considered reklamas. Final EDO recommendations are to be provided to the Commission next week.

OFFICE FOR ANALYSIS AND EVALUATION OF OPERATIONAL DATA

ITEMS OF INTEREST

WEEK ENDING JULY 11, 1980

Discussions were held on July 11, 1980 between AEOD (Carl Michelson, Jack Heltemes, and Kathleen Black) and DOE ( Jerry Griffith, Acting Director, Office of Light Water Reactors, and Herbert Feinroth, Acting Director, System and Safety Evaluation Division) on mutual areas of interest related to the collection and feedback of operational data. DOE was interested in suggestions on possible approaches for DOE to assist in achieving improvements in data collection and retrieval, particularly activities directed at consolidating data reporting by utilities. DOE also suggested that it may be useful to both organizations for them to perform a detailed comparison of the DOE event reporting system versus the NRC's licensee event reports.

Additional follow-up discussions will be held regarding how NRC can gain access to the DOE operational data for reactors and fuel cycle facilities and on possible longer-range approaches toward a national data bank, possibly involving NSIC at Oak Ridge.

FORTHCOMING SPEAKING ENGAGEMENTS

AUGUST

9th            University of Chicago  
                 Subject of talk: "Personnel Dosimetry Performance Testing"  
                 Robert E. Alexander