

October 15, 1980

For: The Commissioners
From: T. A. Rehm, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING OCTOBER 10, 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 copies.

CONTACT:
T. A. Rehm, 27781

8010280049

Summary of Weekly Information Report

Week Ending October 10, 1980

Sequoyah Unit 1

Sequoyah Unit No. 1 was shut down on October 5, 1980, due to a small leak (0.5 GPM) in the Seal Water Injection Line to No. 3 reactor coolant pump from a pipe crack. Preliminary analysis indicates that the crack was caused by vibration and additional line supports may be needed to eliminate this problem.

Farley Unit 2

On October 7, 1980, the applicant advised the NRC project manager that, due to delays in modifications to pipe hangers (required to comply with IE Bulletin 79-14), the plant is not expected to be ready for a fuel loading license until about October 22, 1980.

TMI Reactor Building Entry

The third reactor building entry, originally scheduled for September 25, has been rescheduled for Thursday, October 16. The entry will be made by five individuals, some of whom may remain in the reactor building for up to one hour. In addition to photography and radiological mapping, the tasks for the third entry include:

- 1) repair of the equipment hatch personnel airlock differential pressure interlocks,
- 2) removal of the N-I-2 neutron source range monitor preamplifier for repair, and
- 3) replacement of one vibration detector amplifier.

Foreign Arrangement Activity

The Department of State advised IP on October 10 that it had dispatched the airgram transmitting NRC's cooperation proposal to the People's Republic of China.

On October 8 IP received, through the Department of State, a revised copy of the proposed U.S.-Egyptian Atomic Energy Authority Information Exchange Arrangement, with an indication that the Egyptians are ready to sign.

Differing Professional Opinions

Manual Chapter 4125, covering the policy and procedures for resolving differing professional opinions, was circulated to all employees.

OFFICE OF ADMINISTRATION

Week Ending October 10, 1980

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Received	584	37
Granted	451	11
Denied	91	17
Pending	42	9

ACTIONS THIS WEEK

Received

Martin Levy,
NTEU Steward
(80-496)

Requests, on behalf of an employee, for documents regarding alleged incidents which resulted in comments on employees' revised performance appraisal.

Debra D. McDonald,
Nuclear Pharmacy, Inc.
(80-497)

Requests copies of NRC inspection reports for the Pharamtopes facilities in Washington, DC and Detroit, Michigan.

Toby O'Brien,
Rand Corporation
(80-498)

Requests a copy of the non-proprietary version of the winning proposal awarded to Battelle Columbus Lab on Disease Incidence Rates from Occupational Exposure to Hazardous Substances.

S. White Rhyne, Jr.,
Counsel for SCM
Corporation
(80-499)

Requests all records relating to charges of hazardous practices and violations of safety regulations by Rockwell International Corporation and/or Rockwell Hanford Operations in the storage and disposal of radioactive wastes at the nuclear facility in Hanford, Washington and information on charges made by Stephen Stalos and Allen Wegele.

David F. Power
(80-500)

Requests specific information on the March 24, 1976 issue of the NRC's Weekly Highlights.

(NRC employee)
(80-501)

Requests all information regarding the ratings and evaluations relied upon for Vacancy Announcements 79-229, 79-230, 79-369, 80-C and 80-1725.

CONTACT: J. M. Felton
492-7211

ENCLOSURE A

Received, Cont'd

C. W. Fay, Wisconsin Electric Power Company (80-502)	Requests copies of the latest reports of inspection for the Okonite Company and the Rockbestos Company.
Joseph C. Boyle (80-503)	Requests the reason and the data upon which the President's Commission on TMI based its public health and safety conclusions.
Kenneth F. Oehrle (80-504)	Request a copy of the job descriptions for all journeyman and first level supervisor GS-1811, Criminal Investigators.
John F. Doherty (80-505)	Requests a copy of 22 listed documents referenced in NUREG-0540, Vol. 2, No. 6.
Lynn Connor, Doc-Search Associates (80-506)	Requests the guidelines used by the load forecast panel which visited 22 sites to establish a model for construction completion.
(An individual requesting information about himself) (80-507)	Requests information on his Reactor and Senior Reactor Operator License exams.
Thomas J. Crawford, Citizens for a Better Environment (80-508)	Requests 11 categories of information relating to the December 28, 1979 preliminary report prepared by Dames and More concerning the location of a disposal site for radioactive wastes in repositories within an area, including the States of Wisconsin, Michigan, or Minnesota during the period January 1, 1979 to the present.
Eugene R. Fidell, Attorney-At-Law (80-509)	Requests all documents relating to the evaluation or adequacy of Exxon's Critical Heat Flux Correlation data submitted to the Commission with respect to Oyster Creek Unit 1 from 1973 to 1976.
Jim Thomas, NTEU President (80-A-29-80-450)	APPEAL TO THE EDO, on behalf of an employee, tardiness records on named employees.

Granted

Phyliss Girouard, Black Hills Alliance (80-402)	In response to a request for copies of environmental reports and other reports regarding Union Carbide and its operation of the Gas Hills Uranium Mill, made available three documents.
---	---

Granted, Cont'd

Lilias Jones,
Black Hills Alliance
(80-445)

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

Saul Rigberg
(80-446)

In response to a request for copies of documents pertaining to the activities of various anti and pro nuclear organizations, NRC licensing hearings for the Zimmer Nuclear Power Station, and NRC and/or Cincinnati Gas and Electric legal and/or administrative strategy(ies) and/or policy(ies), made available 42 documents. Informed the requester documents concerning the NRC operating licensing hearings and legal strategies for Zimmer have already been made publicly available at the Local Public Document Room in Batavia, Ohio.

Richard P. Pollock,
Critical Mass Energy
Project
(80-466)

In response to a request for documents pertaining to fines, penalties and violations from 1978 to the present made available three documents.

Lilias Jones,
Black Hills Alliance
(80-468)

In response to a request for a copy of 11 documents, made available a copy of these records.

Matthew Gillen,
ACTWU
(80-472)

In response to a request for documents pertaining to the July 31, 1980 fire at Ethicon, Inc., made available three documents.

Rodney J. Davis,
NUS Corporation
(80-477)

In response to a request for a copy of SECY-78-111, SECY-78-111A and SECY-78-163 listed in the bibliography of NUREG-0625 "Report of the Siting Policy Task Force," made available a copy of SECY-78-163 and informed the requester SECY-78-111 and 78-111A are already located at the PDR.

Martin Levy,
NTEU Steward
(80-496)

In response to a request, on behalf of an employee, for documents regarding alleged incidents which resulted in comments on employees' revised performance appraisal, informed the requester there are no documents subject to the request.

Denied

(NRC employee)
(80-479)

In response to a request for documentation related to the selection of Vacancy Announcement 80-2507, made available five documents. Denied portions of the Candidate Evaluation Record, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

Denied, Cont'd

Donald Knuth,
KMC, Inc.
(80-A-28-80-303)

In response to an appeal to the Commission for records relating to a proposed Fire Protection Rule, released three documents. Denied one document in its entirety and portions of two documents containing advice, opinions and recommendations.

DIVISION OF CONTRACTS

Week Ending October 10, 1980

RFP'S ISSUED

RFP RS-OIE-81-242

Title - Purchase of Metal Alloy Analyzer for Independent Measurements (NDE) Program

Description - The alloy analyzer will be used by NRC's Region I Office at reactor sites and vendor shops for the purpose of coordinating independent nondestructive examinations to identify that correct materials are being used.

Period of Performance - Within 120 days after date of contract

Sponsor - Office of Inspection and Enforcement

Status - RFP issued October 6, 1980. Proposals are due November 6, 1980.

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)-0156	Princeton University	10/6/80
AT(49-24)-0098	Illinois Dept. of Public Health	10/6/80
AT(49-24)-0312	U.S. Arms Control & Disarmament Agency	10/3/80
NRC-02-77-177	Lulejian & Associates	10/6/80
NRC-10-76-254	Combustion Engineering, Inc.	10/2/80
AT(49-24)-0261	Ruffner Malesardi Architects	10/2/80

ENCLOSURE A

DIVISION OF RULES AND RECORDS

OFFICE OF ADMINISTRATION

The costs for copying documents at the Public Document Room were reduced by an amendment to Commission regulations signed by the EDO this week. The cost reduction results from savings realized in a new copying service contract recently awarded to the Literature Research Company which charges five cents, instead of ten, to make a paper to paper copy. The amendment also reduces the costs for contractor copying of microform documents at the PDR and costs for paper copies of documents made at Commission offices other than the PDR. The changes become effective upon the amendment's publication in the Federal Register

Items of Interest

MANAGEMENT DEVELOPMENT AND TRAINING STAFF

Week Ending October 10, 1980

SEXUAL HARASSMENT

The Congress of the United States and the Office of Personnel Management have placed great emphasis on the need to be aware of sexual harassment in the Federal workplace. The media has reinforced this concern with reasonably heavy coverage. All agencies have been required to institute training for managers and supervisors to "encourage them to affirmatively and convincingly inform their employees that sexual harassment is illegal and to take specific steps to prevent it."

The Management Development and Training Staff (MDTS) has secured a contract to provide sensitivity training as to what constitutes sexual harassment. Dr. Mary M. Fuller will conduct 4-hour workshops on sexual harassment for managers and supervisors. There will be morning and afternoon sessions beginning November 12 through November 20 in the NRC training rooms in the Landow Building.

A memorandum will be sent to Office Directors requesting the names of managers and supervisors who will attend the workshop. Scheduling of participants will follow.

SYSTEM SAFETY

To satisfy the need for training in multi-disciplinary areas, highlighted by requirements of TMI, MDTS arranged for GWU to present a course in System Safety during the week of October 6-10, 1980.

NUCLEAR REACTOR CONCEPTS

Because of the large influx of new professionals, many of whom are not technically trained, MDTS is again offering a 10-hour, twice weekly course from October 15-29 on Nuclear Reactor Concepts, taught by Dr. Marvin Roush.

WEEKLY INFORMATION REPORT

DIVISION OF FACILITIES AND OPERATIONS SUPPORT

Space for the TMI-1 Restart Hearings to be held in Harrisburg, PA, has been acquired, renovated, furnished and initial supplies delivered so that hearings can begin October 15, 1980. This effort required coordination with GSA (Region 3, Philadelphia), the Atomic Safety and Licensing Board Panel, and the Divisions of Security, Technical Information and Document Control, Contracts (ADM). Within this Division the effort involved the Building and Operations Branch, Property and Supply Branch and Telecommunications Branch. The space is located at 34 North Court Street and 35 North Court Street, Harrisburg, PA 17101.

OFFICE OF ADMINISTRATION

TIDC

Week Ending October 10, 1980

Document Management Branch is responsible for obtaining clearance from GAO for information collections imposed on 1, or more entities. The following is status of recent activity.

A. Clearances under internal review

10 CFR 30 extension (NMSS)

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

10)

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

1) IAEA rule (NMSS)

2) 10 CFR 34 (NMSS)

3) Generic Clearance (I&E & NRR)

OFFICE OF NUCLEAR REACTOR REGULATION

WEEKLY ITEMS OF INTEREST
(Week Ending October 10, 1980)

Sequoyah, Unit 1

Sequoyah Unit No. 1 was shutdown on October 5, 1980 due to a small leak (0.5 GPM) in the Seal Water Injection Line to No. 3 reactor coolant pump. A crack was discovered in the pipe near the fillet weld that connects the injection line to the pump. Preliminary analysis indicates that the crack was caused by vibration and additional line supports may be needed to eliminate this problem. The ongoing investigation covers all seal water injection lines and a written report will be submitted to I&E. The plant could re-initiate the power ascension program by October 12, 1980. (The program was at a 10% power level when the event occurred).

Farley Unit 2

On October 7, 1980, the applicant advised the NRC project manager that due to delays in modifications to pipe hangers, (required to comply with IE Bulletin 79-14), the plant is not expected to be ready for a fuel loading license until about October 22, 1980. A fuel loading and low power testing license, approved by the Commission in September, will be issued upon notification from I&E that all remaining prelicensing requirements have been met.

NRC TMI PROGRAM OFFICE WEEKLY STATUS REPORT

Week of October 5 - 11, 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 10, 1980) (approximate values)

Average Incore Thermocouples: 131°F

Maximum Incore Thermocouple: 174°F

RCS Loop Temperatures:

	A	B
Hot Leg	133°F	136°F
Cold Leg (1)	100°F	92°F
(2)	112°F	91°F

RCS Pressure: 96 psig (DVM)
85 psig (Heise)

Pressurizer Temperature: 83°F

Reactor Building: Temperature: 75°F
Water level: Elevation 290.4 ft. (7.9 ft. from floor)
via penetration 401 manometer
Pressure: -0.8 psig (Heise)
Concentration: 2.84×10^{-4} uCi/cc (Kr-85) (sample taken 10/8/80)

Environmental & Effluent Information

Liquid effluents from TMI-1 released to the Susquehanna River, after processing, were within the limits specified in Technical Specifications.

No liquid effluents were discharged from TMI-2.

POOR ORIGINAL

ENCLOSURE B

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

- The EPA measured Kr-85 concentrations (pCi/m³) at several environmental monitoring stations and reported the following results:

<u>Location</u>	<u>9/15-26/80</u> (pCi/m ³)	<u>9/26-10/3/80</u> pCi/m ³
Bainbridge	*	16
Goldsboro	*	15
Observation Center	38	15
Middletown	*	15
Hill Island	*	22

* Reported previously.

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 September 24 through October 2, 1980.

NRC Environmental Data.

- 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)
AF-236	October 1 - October 8, 1980	<7.5E-14	<7.5E-14

- Fifty-eight environmental TLD measurements for the period July 31 to August 26, 1980, indicate gamma radiation to be at the natural background levels.

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

- On Monday, October 6, 1980, a 40 ml Unit 2 reactor coolant sample was shipped to Babcock and Wilcox (B&W), Lynchburg, Virginia.
- On Wednesday, October 8, 1980, Unit 2 air sample filters and a 100 ml long term storage area sump sample were mailed to Teledyne Isotopes, Westwood, New Jersey.

POOR ORIGINAL

Reactor Activities

1. Mini Decay Heat System. The MDHRS 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 reactor building entry originally scheduled for September 25, 1980, has been rescheduled for Thursday, October 16, 1980. The entry will be made by five individuals, some of whom may remain in the reactor building for up to one hour. The length of the entry will depend on the time required to complete assigned tasks, physical stamina, and dose accumulation. The entry procedures specify that the entry will be terminated whenever an individual has accumulated a dose of 625 mr.

In addition to photography and radiological mapping, the tasks for the third entry include:

1. Repair of the equipment hatch personnel airlock differential pressure interlocks.
2. Removal of the N-I-2 neutron source range monitor preamplifier for repair.
3. Replacement of one vibration detector preamplifier.

The pre-entry reactor building purge commenced on Friday, October 10, 1980. Ten to 20 curies of krypton 85 were released over a six hour period. The purge will be reinstated one day prior to the entry and will continue through the entry in an attempt to maintain the krypton 85 concentration below 11PC.

Reactor Heat Removal to Ambient. The licensee has proposed to discontinue mechanical cooling of the primary water system in favor of heat removal to the reactor building atmosphere (loss to ambient cooling). The heat output of the core has been calculated to be 73 kilowatts, comparable to the heat produced by 730 light bulbs with a power rating of 100 watts each. This heat is transferred from the fuel to the 88,000 gallons of water in the primary system. Currently, the primary system water is cooled by heat transfer to the "A" steam generator which is steaming to the main condenser. The licensee has proposed to shut the "A" steam generator main steam valve and to allow the primary system water to be cooled by the reactor building air. In this mode of operation, no mechanical components will be required to cool the reactor.

The initial phase of the licensee proposal includes a test which will be conducted over several weeks. During the test, the "A" steam generator steam valve will be shut and the reactor parameters will be closely monitored. The reactor operating parameters; temperatures, pressure, etc. will not be permitted to exceed the limits established for the current heat removal mode and specified in the technical specifications. During the test, an option to immediately reestablish the "A" steam generator steaming mode will be maintained at all times. Following the test, an evaluation will be made to determine whether the loss to ambient cooling should be continued or whether the "A" steam generator steaming should be re-established.

POOR ORIGINAL

ENCLOSURE B

Meetings Held

On Monday, October 6, 1980, J. Collins, T. Elsasser, D. Cleary, F. Congel, O. Lynch, P. Leech, M. Bills (EPA), W. Kirk (EPA), and T. Gerusky (DER), held a meeting with local officials, citizens and press in Lancaster to discuss the contents of the draft PEIS. Mayor Morris, City of Lancaster, chaired the public meeting. A majority of those who attended the meeting expressed the view that no processed water from the cleanup of TMI-2 should be allowed to be discharged into the Susquehanna River. There were also many specific questions concerning how the public could influence the NRC Commissioners decision making process in this regard - that is - to insure that processed waters from TMI-2 would never be discharged into the Susquehanna River.

On Tuesday, October 7, 1980, J. Collins, T. Elsasser, C. Jones (DER), T. Gerusky (DER) and W. Kirk (EPA) met with representatives of the PA Farmers Association to discuss the contents of the draft PEIS. The expeditious restart of TMI-1 and the fear of radioactive contamination of agricultural products as a result of the TMI-2 cleanup were the general areas of concern expressed by the Farmer's Association at the meeting. The farmers also expressed the opinion that over-reaction on the part of the news media has done much to create unwarranted public concern over the potential radioactive contamination of area agricultural products. They indicated that more responsible reporting and an effective public information and education program would do much to avert this problem in the future.

On Wednesday, October 8, 1980, J. Collins, B. Snyder, M. Bills (EPA), W. Kirk (EPA), and T. Gerusky (DER), held a meeting with the Newberry Township Steering Committee and local residents to discuss the contents of the draft PEIS. Emotional stress was one of the major concerns expressed by those who attended the meeting. Both the psychological stress question as it applies to TMI-1 restart and continued level of public stress due to the cleanup of TMI-2 were of concern. The other major areas of concern expressed was the additional risk that the local population would experience as a result of the various activities related to the TMI-2 cleanup.

POOR ORIGINAL

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING OCTOBER 10, 1980

1. Withdrawal of Reg. Guide 1.101, "Emergency Planning for Nuclear Power Plants":
Reg. Guide 1.101, Rev. 1, was issued in March 1977 to provide guidance to applicants for developing the emergency plans required in the Final Safety Analysis Report for nuclear power plants. Since the guide was issued, the Commission has upgraded its requirements for emergency preparedness in amendments to 10 CFR Part 50 that were published in the Federal Register on August 19, 1980 (45 FR 55402). Because the guidance contained in Reg. Guide 1.101 does not reflect these new requirements, the guide is being withdrawn.

The information contained in the amendments and in NUREG-0654 (FEMA-REP-1), "Criteria for Preparation and Evaluation of Radiological Emergency Response Plan and Preparedness in Support of Nuclear Power Plants," which has been published for interim use and comment, will be used to completely revise Reg. Guide 1.101.

ENCLOSURE C

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending October 10, 1980

GESMO

In response to the Commission's Federal Register Notice (45 FR 53933) requesting public comments on reopening the GESMO proceeding, 22 responses have been received to date: 17 supporting the reopening, 4 against and one requesting more time (denied).

Fuel Cycle Licensing

Fuel Cycle Licensing staff members met on two occasions with a GAO representative to discuss NRC fuel cycle licensing requirements, policies, and practices. The meetings were in connection with the GAO investigation that has been initiated to explore whether DOE nuclear facilities should be subject to NRC or other independent oversight. During the discussions, the staff suggested to the GAO representatives that NUREG-0527, "Regulation of Federal Radioactive Waste Activities", might provide useful background information. The referenced document is the report to Congress on extending NRC's authority to federal radioactive waste storage and disposal facilities that was published in September 1979.

NFS West Valley

A meeting has been scheduled on October 20, 1980 with DOE in connection with the recently enacted West Valley Demonstration Project Act. The first portion of the meeting will be used by DOE staff to describe for NMSS management the activities that have been initiated by DOE this past year in anticipation of the provisions of the Act and the status of these activities. Following this presentation, FC and ELD staff members will have preliminary discussions with DOE representatives regarding the scope and content of an amendment to the existing facility license that is required to permit the project to proceed.

US/IAEA Safeguards Agreement Implementation

A response is being prepared to a GAO query on the package of new reporting forms and instructions which will implement the US/IAEA Safeguards Treaty reporting requirements. The GAO has indicated that their work will be completed within "2 to 3 weeks" after all their questions have been answered. Our response should be prepared by the end of this week.

Informal Discussions of Proposed Contentions re Westinghouse Prattville

On October 7 and 8 a member of the NMSS staff, as well as members from ELD, met with Julian McPhillips, an attorney representing the Safe Energy Alliance of Central Alabama, to informally discuss the 22 contentions submitted to the Atomic Safety and Licensing Board in support of their petition to intervene in the proposed licensing of the Westinghouse fuel fabrication facility in Prattville, Alabama. Mr. McPhillips also presented an additional 59 contentions for discussion and consideration. On the evening of October 7, NRC staff met with Mr. David Allred, a second party who has petitioned to intervene in the above licensing action. Informally discussed were his 4 contentions previously submitted as well as a second set of contentions which he is proposing to submit to the board for their consideration. In the short period of time available, the staff was unable to completely discuss all of the new contentions submitted by both parties and agreed that a conference call would be made to the board on October 10 to request additional time for the intervenors to prepare the formal contentions for submission to the board. It was agreed also that a second meeting would be necessary to complete the discussions. The time of the meeting was tentatively set for the week of November 2.

Visit to United Nuclear Corporation

Members of the staff visited the United Nuclear Corporation Plant in Montville, Connecticut, the week of September 29. They visited the plant to obtain information on facility operations to be used in improving the safeguards regulatory base. The NRC staff members concentrated on features of the plant's current material control and accounting (MC&A) system and the impact of various changes being considered as part of the MC&A Upgrade Rule development project on plant operations.

Pat-Down Search Requirements for Power Reactors

A Commission Paper and associated Federal Register notice concerning pat-down search requirements for power reactors has been forwarded for Office director concurrences. The Commission Paper discusses information concerning proposed search procedures of regular employees in lieu of routine pat-down searches; the need for an extension for the implementation of pat-down searches until April 30, 1981, to accommodate the public comment period associated with the proposed search requirements; and the status of other safeguards measures designed to improve protection against the insider threat.

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending October 10, 1980

1. Nuclear Metals, Inc., Concord, Massachusetts - Civil Penalty Action - On October 9, 1980, the Commission received a check in the amount of \$2,000 from the subject licensee in full payment of the proposed civil penalty issued on September 26, 1980.
2. The following Notifications of Significant Enforcement Action were dispatched during the past week:
 - a. EN-80-36A Lakeview Hospital, Wauwatosa, Wisconsin - On October 8, 1980, an Order rescinding the Suspension Order issued on August 11, 1980 was issued. The original order was based on alleged items of noncompliance relating to the administration to certain patients of approximately double the dosage for some scans. Based on the licensee's responses to the order, it was determined that sufficient cause has been shown why the license should not be revoked. In addition to rescinding the Suspension Order, the new order modified License No. 48-04585-01 to incorporate the procedures submitted by the licensee.
 - b. EN-80-48 Rio Algom Corporation, Moab, Utah - On October 8, 1980, a Notice of Violation and a Notice of Proposed Imposition of Civil Penalties in the amount of \$7,100 were issued to the subject licensee. This action is based on alleged items of noncompliance relating to the licensee's radiological safety program.
3. Preliminary Notifications relating to the following actions were dispatched during the past week:
 - a. PNO-I-80-139B UNC Recovery Systems, Wood River Junction, RI - Shipment of Low Level Waste With 55-Gallon Drum Leaking Liquid
 - b. PNO-I-80-143 Pilgrim Unit 1 - Plant Shutdown Extended
 - c. PNO-I-80-144 Nuclear Fuel Services, West Valley, NY - Onsite Meteorological Tower Hit by Lightning
 - d. PNO-I-80-145 Pilgrim Unit 1 - Unit Shutdown Following Stuck Open Safety Relief Valve
 - e. PNO-I-80-146 Vermont Yankee - Two Control Rods Dropped During Refueling
 - f. PNO-I-80-147 Calvert Cliffs Unit 1 - Indication of Radiation Release
 - g. PNO-II-80-147 Farley Unit 1 - Walkout of Operational Personnel
 - h. PNO-II-80-148 Turkey Point Unit 3 - Feedwater Pipe Crack

ENCLOSURE E

- i. PNO-III-80-180 Quad-Cities Unit 2 - Minor Oil Fire in Reactor Containment
 - j. PNO-III-80-181 LaCrosse - Partial Loss of Offsite Power
 - k. PNO-III-80-182 Allied Chemical Corporation, Metropolis, IL - Equipment Damage from Hydrogen Explosion
 - l. PNO-III-80-183 Marble Hill Units 1 & 2 - Marble Hill Press Inquiries
 - m. PNO-IV-80-33A State of Montana - Railway Accident Involving Radioactive Material
 - n. PNO-IV-80-34 South Texas Project Units 1 & 2 - Resumption of Currently Halted Construction at the South Texas Project
 - o. PNO-IV-80-35 Wolf Creek Unit 1 - Serious Injury to Subcontractor Person
 - p. PNO-V-80-72 Nuclear Engineering Company Richland, Washington Burial Site - Banning of Mount Sinai Hospital, New York, New York (State Licensee) For Radioactive Shipments
 - q. PNS-II-80-29 Farley Unit 1 - Strike Harassment
 - r. PNS-III-80-20 Zion Station - Bomb Threat
4. The following IE Bulletin was issued:
- a. IE Bulletin 79-01B, Supplement 2, "Environmental Qualification of Class IE Equipment," was issued on September 30, 1980 to all power reactor facilities with an operating license.
5. The following IE Information Notices were issued:
- a. IE Information Notice 80-35, "Leaking and Dislodged Iodine-125 Implant Seeds," was issued on October 10, 1980 to all medical licensees authorized to perform therapy.
 - b. IE Information Notice 80-36, "Failure of Steam Generator Support Bolting," was issued on October 10, 1980 to all nuclear power facilities holding an operating license or construction permit.

OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

WEEK ENDING OCTOBER 10, 1980

Black Fox Station, Units 1 and 2

In a Memorandum and Order issued on October 9, the Commission determined that the General Electric Company's Reed Report must be released for public inspection under the requirements of the Freedom of Information Act. A copy of the Reed Report will be available for public inspection at the Public Document Room in 20 days from October 9.

ENCLOSURE G

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING OCTOBER 10, 1980

Revisions to Part 110

IP, NMSS and ELD represented NRC at an interagency meeting at the State Department on October 8 to discuss the staff's draft proposed revisions to Part 110. Based upon the comments received, the staff will now finalize the proposed revisions, obtain formal Executive Branch concurrence and then forward the proposals to the Commission for review.

US/IAEA Safeguards Agreement Implementation Issue

On October 7, representatives of Security, IP, NMSS, and ELD met to resolve an outstanding issue with respect to the procedures by which certain classified information would be provided to the IAEA in the course of inspections. An approach was agreed upon by all offices. IP is currently seeking confirmation of two understandings from State, and staff action on this matter is proceeding on the assumption that these will be received promptly.

US/IAEA Safeguards Agreement Implementation Group Meeting

On October 8, IP attended a Safeguards Agreement Implementation Group meeting held to discuss the status of NRC activities required to bring the US/IAEA Safeguards Agreement into force. Primary topics of discussion were GAO review/approval of reporting forms and amendment of 10 CFR Part 95 to authorize access of IAEA inspectors to Confidential NSI. Members present were in agreement that the November 1 goal for completion of critical NRC items could be achieved.

Interagency Meeting regarding the US/IAEA Safeguards Agreement

On October 9, representatives of NRC (IP, NMSS and SD) attended an interagency meeting, chaired by State, to review the status of critical NRC and DOE items required to bring the US/IAEA Safeguards Agreement into force. The Executive Branch stated that November 1 was a reasonable date for completion of all critical items and emphasized the importance of achieving this goal. Critical items to be resolved in the next three weeks included Executive Branch clearance of the eligible facilities list, issuance of a DOE Order to implement the agreement, GAO approval of NRC reporting forms, and amendment by NRC of 10 CFR Part 95. Other topics of discussion included amendment of 10 CFR Part 110, authorization of IAEA inspectors to possess sealed calibration sources in the U.S., and establishment of an interagency oversight group for implementation of the agreement.

US-Korea JSCNOET Meeting

The annual meeting of the US-Korea Joint Standing Committee on Nuclear and Other Energy Technology will be held October 14-16 at the Department of State. NRC will be represented at the Opening Session on Tuesday morning by James R. Shea, Director, IP.

Arrangement Activity

The Department of State advised IP on October 10 that it had dispatched the airgram transmitting NRC's cooperation proposal to the People's Republic of China.

On October 8, IP received, through the Department of State, a revised copy of the proposed U.S. - Egyptian Atomic Energy Authority information exchange Arrangement, with an indication that the Egyptians are ready to sign. The only changes they made to the most recent NRC draft (1978) involved the name of the Egyptian party and the LWR safety research they have underway.

Foreign Visits to NRC

On Tuesday, Mr. Xavier Weeger, science editor of Le Monde, France met with J. D. Lafleur, Jr., IP Deputy Director, to discuss an overview of NRC activities on nuclear energy in the U.S. in the 1980's.

On Tuesday, Mr. Naohiko Oguino of the Tachiba Research Center in Japan met with K. S. Kim of RES to discuss waste management research.

On Thursday, Drs. Joseph Kivity and Joseph Saltovitz, Engineers at Technion University in Haifa (similar to MIT in the U.S.), met with L. Shao and J. O'Brien of RES to discuss the dynamic response of reactor subsystems to explosions within the reactor containment building.

On Friday, Mr. Frank H. Carr, Manager of the Power and Energy Assessment Unit of the Australian Atomic Energy Commission (AAEC) met with J. Roberts of NRR to discuss energy studies involving electrical power generating costs.

On Friday, Mr. Len Archer, Quality Assurance Manager of British Nuclear Fuels Ltd., met with W. Haass and J. Gilray of QAB/NRR to discuss (1) the QA of operational plants and (2) QA in the licensing process.

On Friday, Mr. Göran Steen, newly appointed Chairman of the Advisory Council for the Swedish Nuclear Power Inspectorate and Head of the Swedish Standing Accident Commission, met with R. E. Burnett, SG Director, and SG/NMSS staff members to discuss general safeguards policy, covering (1) material control and accounting, (2) physical protection, and (3) transportation safeguards.

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING OCTOBER 10, 1980

Jim Montgomery, RSLO, Region IV, addressed the American Association of Physicists in Medicine during their fall meeting in Oklahoma City on October 3 and 4. His remarks covered NRC regulations pertaining to ALARA, low-level waste disposal and teletherapy calibration measurements and how they relate to medical physicists. While in Oklahoma City, Jim also met with various Oklahoma State officials to discuss the State liaison officer program and items of mutual concern in radiation control.

On October 6-9, Bob Trojanowski, Region II, RSLO, attended the Annual Agreement States Meeting in Atlanta, Georgia. On October 10, he also addressed a meeting of the North Carolina Health Physics Society in Boone, North Carolina.

Frank Young, SP, and Clark Pritchard, RES, attended a meeting at the New England Regional Commission on October 9 for the review of progress to date under the Interagency Agreement to develop an Integrated Regional Approach to Energy Facility Siting.

SP and IE staff will meet with Colorado officials during the week of October 14 to discuss the recently released Colorado Bureau of Investigation report on Cotter Corporation and the Colorado Department of Health.

Representatives from the 26 Agreement States, several Federal agencies and several NRC offices met in Atlanta October 7-9, 1980. Major topics discussed were uranium mill regulation, radiography safety, waste management, transportation, and emergency preparedness. Recommendations made to NRC for consideration include establishment of a review group for NRC's regulatory programs, expediting promulgation of rules, more coordination within NRC on regulatory actions, establishment of new training courses, clarification of State Liaison Officer functions and preparation of a discussion paper on limited and expanded agreements. Separate meetings were held on October 6 with uranium mill States on criteria for amended agreements and on October 9 and 10 on radiography safety with 4 States.

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

WEEK ENDING OCTOBER 10, 1980

Nuclear Plant Reliability Data System (NPRDS)

Published NUREG/CR-1635, 1979 Annual Reports of Cumulative System and Component Reliability for the NPRDS.

Rainbow Books

Provided Babbitt Committee with copies of all 24 MPA publications.

Differing Professional Opinions

Circulated to all NRC employees a copy of the Manual Chapter (4125) on procedures for resolving DPO's.

Inter-Agency Agreement for Computer Time Sharing

Completed FY 81 agreement with NIH that provides NRC with computer time, training, hardware rental, computer graphics, and other related services.

CALENDAR OF SPEAKING ENGAGEMENTS

10/6/80	School of Nuclear Medicine J.F. Kennedy Medical Center	Edison, NJ	Requirements for NRC Inspection Process	L. Friedman, RO I
10/6-9/80	American Nuclear Society	Don Cesar Hotel St. Petersburg, FL	Material Development for a FBR Steam Generator Concept	S. Reynolds, Jr., RO I
10/7/80	U Of Illinois Medical Center	Chicago, IL	Waste Handling and Disposal	J. Pagliaro, RO III
10/9/80	Society of American Military Health Physics Society	Atlanta, GA Berkeley, CA	Overview of NRC Communicating with the Public about Nuclear Power	K. Clark, RO II J. Hanchett, RO V
10/15/80	American Society for Nondestructive Testing	Roseland, NJ	Industrial Radiography - An NRC Perspective	F. Costello, RO I
10/23/80	State Radiation Health Program Directors	Iowa City, IA	New Developments Affecting the States in Emergency Plan- ning 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 I
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 I

POOR ORIGINAL

SCHEDULED SPEAKING ENGAGEMENTS

Date	Organization	Location	Subject	Speaker
10/15/80	Lion's Club	Port Gibson, Miss.	NRC's Rule at Grand Gulf	A. Wagner
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
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