

July 5, 1979

For: The Commissioners
From: T. A. Rehm, Assistant to the Executive Director for Operations
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING JUNE 29, 1979

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

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T. A. Rehm, Assistant to the
Executive Director for Operations

Contact:
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*No input this week
**Deleted from Commissioners and PDR copy

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406 001

SUMMARY OF KEY EVENTS
Week Ending June 29, 1979

Surry, Unit No. 1

On June 19, VEPCO advised the NRC by telephone that additional facility modifications would be required to correct pipe overstress and conditions during a postulated design earthquake. VEPCO estimates that completion of all pipe stress analyses, pipe support analyses and completion of all necessary hard re modifications will be "during the month of August."

Millstone, Unit No. 2

Following earlier review by the ACRS, NRR issued an authorization June 25 to increase the power level from 2560 to 2700 Mwt.

North Anna

NRR issued an amendment June 28 to the North Anna licensee. This amendment relates to differential settlement between the pump house and piping and to total settlement of pipes.

Cherokee, Unit No. 1/Perking Unit Nos. 1, 2 and 3

Duke Power Company has postponed financial commitments for these units and plans to study power requirements.

Fort St. Vrain

On June 25, the reactor scrammed due to a series of events involving a transformer shorting out. Repairs and cleanup are expected to be completed by the week end and the plant ready to start up on July 12.

US/IAEA Safeguards Agreement

As a result of recent hearings, it appears that the Senate will take affirmative action shortly on the US/IAEA Safeguards Agreement.

Decommissioning the Sheffield Burial Ground

Technical and legal representatives from Federal and State agencies met in Illinois on June 25 to discuss strategies for decommissioning the Sheffield low-level radioactive waste burial ground.

Robinson Steam Plant, Unit No. 2

On June 26, the Licensing Board in the proceeding for an amendment to increase the authorized power of the Robinson facility granted the Licensee's motion (which was supported by NRC staff) to terminate the proceeding.

Emergency Preparedness

Various meetings were held to discuss radiological emergency response plans for Maryland, Pennsylvania, Virginia, Indiana, and Kentucky.

Acceptance criteria for the elements of the "Guide and Checklist" (NUREG-75/111) are being reviewed in preparation for a RAC training meeting in late July.

TMI Impact

MPA briefed BRG on NRC's caseload projections for FY 87-88 changes required as a result of the accident. Adjusted forecast to assist BRG in their review of offices' budgets, which were prepared using a pre-TMI forecast.

POOR ORIGINAL

406 002

OFFICE OF ADMINISTRATION

Week Ending June 29, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Received	269	18
Granted	136	4
Denied	42	6
Pending	91	8

ACTIONS THIS WEEK

Received

Laurie Burt,
Assistant Attorney
General, State of
Massachusetts
(79-231)

Requests documents utilized in the promulgation of the proposed amendment to Appendix E, 10 CFR Part 50; documents regarding the NRC/EPA Task Force on Emergency Planning, NUREG-0396; and other documents relating to emergency planning and response times.

Thomas E. Cochran,
Natural Resources
Defense Council, Inc.
(79-232)

Requests the title, author, date, and classification of the documents referred by the NRC to the DOS, DIA and CIA regarding a gas centrifuge enrichment plant being developed by Pakistan.

Barry Ahrendt,
WBTB
(79-233)

Requests summary sheet of power plant operator exam results and operator license examination results for Oconee operators from January 1, 1975 to the present.

Craig B. Swick,
Environmental Policy
Center
(79-234)

Requests all Nuclear Material Transaction Reports (NRC Form 741) and statements of tritium inventory filed by American Atomic Corporation between January 1975 and the present.

(An NRC employee)
(79-235)

Requests all documents used in the selection process for Vacancy Announcement 79-317.

Daniel C. Ring,
Silver Lake News
(79-236)

Requests all documents concerning wastewater discharges into the Plymouth Bay by the Pilgrim I nuclear power plant.

William M. Spodak,
Westinghouse Electric
Corporation
(79-237)

Requests all documents relating to the Commission's decision to recommend not to issue an export license to Westinghouse Electric Corporation for use in Philippines nuclear reactor.

CONTACT: J. M. Felton
492-7211

~~RESTRICTED~~

ENCLOSURE A

406 003

Received, Cont'd

Richard Hubbard,
MHB Technical Associates
(79-238)

Requests all documents concerning the calculation of accident probabilities and consequences, and the resulting risks utilizing probabilistic risk assessment methodologies, similar to the techniques utilized in WASH-1400.

Granted

Sheila Allee,
United Press International
(79-126)

In response to a request for documents regarding the radiation levels in and surrounding the Kerr-McGee Corporation, Cimarron fuel processing plant near Crescent, Oklahoma, made available a draft of the final environmental statement.

Lloyd Eberedge,
Massachusetts Institute
of Technology
(79-127)

In response to a request for all public statements and testimony by NRC officials and transcripts relating to NRC's response to the Three Mile Island Unit 2 incident, informed the requester these records are available at the PDR.

John Hatling,
(79-142)

In response to a request for reports relating to the cause of the Three Mile Island Nuclear Generating Station Unit 2 incident, informed the requester these records are available at the PDR.

Thomas B. Cochran,
Natural Resources
Defense Council, Inc.
(79-145)

In response to a request for information related to sabotage in France of nuclear reactor equipment destined for Iraq, informed the requester the NRC has no documents subject to the request. Referred one document to the CIA for direct response.

Anthony Z. Roisman,
Natural Resources
Defense Council, Inc.
(79-155)

In response to a referral from the DOE of documents concerning the Three Mile Island Unit 2 incident, informed the requester these records are available at the PDR.

Francis John Kreysa,
Neutron Products, Inc.
(79-159)

In response to a request for the Atomic Energy of Canada Limited's letter justifying their proprietary claim for six drawings regarding cobalt-60 teletherapy unit, made available two documents.

Jane L. Wolfson,
Center for the Biology
of Natural Systems
(79-160)

In response to a request for the radiation dosage rates at the Three Mile Island Nuclear Generating Station Unit 2, informed the requester these records are available at the PDR.

ENCLOSURE A

406 001

Granted, Cont'd

D. M. Mathews,
University of Arkansas
(79-203)

In response to a request for a copy of the license file for Texas Instruments and Timex Corporation, made available these files.

Gary Flack,
Attorney-At-Law
(79-206)

In response to a request for a copy of all documents relating to the Environmental Impact Statements for the Alvin V. Vogtle Nuclear Plants 1, 2, 3, and 4, made available seven documents at the LPDR in Waynesboro, Georgia.

(An NRC employee)
(79-209)

In response to a request for documents relating to his repromotion priority, sent two documents to the requester.

John Edward Thrush,
(79-212)

In response to a request for all information relating to radioactive releases to the Susquehanna River as a result of the Three Island incident, informed the requester these records are available at the PDR.

Stephen L. Kass,
Butzel & Kass
(79-216)

In response to a request for copies of the operating license and indemnification agreements relating to the Three Mile Island Nuclear Generating Station, made available the requested records.

E. W. Massengale,
ORI, Inc.
(79-228)

In response to a request for a copy of the RFP under contract #NRC-04-76-293-10, "Shipping Cask Sabotage Source Term Investigation", the requester withdrew his request upon being informed the document was readily available from the Division of Contracts.

Ellyn R. Weiss,
Sheldon, Harmon,
Roisman & Weiss,
on behalf of UCS
(79-A-10-79-86)

In regard to an appeal for Task Action Plans A-40 and A-41, documents written by Carl Stepp and H.R. Denton on seismic issues, and inspection reports for Beaver Valley, made available documents concerning these subjects.

Ellyn R. Weiss,
Sheldon, Harmon,
Roisman & Weiss,
on behalf of UCS
(79-A-11-79-63)

In response to an appeal for the results of a recent survey of IE employees, made available Article III-Statement of Work, of the contract let to ORC, a letter and a memorandum to IE employees guaranteeing confidentiality, and the final contractor report.

ENCLOSURE A

406 005

Denied

Kathleen M. Ragan,
Kinetic Research, Inc.
(79-193)

In response to a request for a copy of the winning Technical Proposal for Contract NRC-02-79-028, "Development of Improved Techniques", denied portions of the winning Technical Proposal containing confidential business (proprietary) information.

(NRC employees)
(79-207)

In response to a request for information regarding the Commission's consideration of the classification of their positions, made available 17 documents. Denied portions of two transcripts under the Government in the Sunshine Act concerning internal personnel rules and practices of the Commission.

ENCLOSURE A

406 006

DIVISION OF CONTRACTS

Week Ending June 29, 1979

PENDING COMPETITIVE REQUIREMENTS

1. RFP RS-NRR-80-101
Title - Advanced Reactor Accident Delineation and Assessment
Description - This project will provide technical assistance to the NRC in the areas of safety and licensing associated with advanced reactor concepts.
Period of Performance - Three years
Sponsor - Office of Nuclear Reactor Regulation
Status - Solicitation being developed
2. RFP RS-NRR-80-102
Title - Advanced Reactors Accident Evaluation
Description - This project will provide to the NRC technical assistance in the areas of energetic thermal interactions and recriticality associated with advanced reactor concepts.
Period of Performance - Three years
Sponsor - Office of Nuclear Reactor Regulation
Status - Solicitation being developed

IFB'S ISSUED

IFB RS-ADM-79-651
Title - Production of Source Document Microfiching and Duplicates
Description - Services to produce microfiche from materials or documents furnished by NRC.
Period of Performance - Twelve months, with twelve-month option period
Sponsor - Office of Administration
Status - Solicitation issued June 29, 1979. Bids due July 31, 1979.

PROPOSALS UNDER EVALUATION

1. RFP RS-NMS-79-050
Title - Enhancement of the Nuclear Materials Management and Safeguards System
Description - The project will provide for the implementation of previously developed recommendations concerning data inconsistencies discovered in the Nuclear Materials Management and Safeguards System (NMMSS), as well as providing improvements to other portions of NMMSS.
Period of Performance - Eight months
Sponsor - Office of Nuclear Material Safety and Safeguards
Status - Proposals were transmitted to the Source Evaluation Panel for technical evaluation on June 19, 1979.

ENCLOSURE A

406 007

2. RFP RS-NRR-79-107

Title - Reactor Coolant Pump/Motor Structural Integrity Following Sudden Seizure

Description - The contractor will provide expert technical assistance in evaluating the load carrying capability of the pump-to-motor hold-down bolts to withstand sudden motor seizure of a physical reactor coolant pump.

Period of Performance - Three months

Sponsor - Office of Nuclear Reactor Regulation

Status - Contractor selection approved on June 20, 1979.

CANCELLATIONS

RFP RS-NRR-78-151

Title - Technical Assistance for Steam Generator Replacement and Repair

Description - Assist the NRC in reviewing and evaluating licensees' proposed steam generator repair or replacement programs.

Period of Performance - Eighteen months

Sponsor - Office of Nuclear Reactor Regulation

Status - Cancelled at the request of the program office.

DIVISION OF SECURITY
ITEMS OF INTEREST
WEEK ENDING JUNE 29, 1979

SAI SECURITY WORKSHOP AND SEMINAR

Two members of the Division of Security participated in a "Security Workshop and Seminar" organized by the Corporate Security Office, Science Applications Inc. (SAI) on Tuesday, June 26, 1979, for their security officers in the eastern United States.

The workshop and seminar was held at the SAI office at 8400 Westpark Drive, McLean, Virginia. NRC participants presented talks on the NRC Personnel Security Program and the NRC Security Classification Program.

INFORMATION SECURITY OVERSIGHT OFFICE (ISOO) REVIEW

The ISOO will review NRC's Information Security Program on August 7, 1979 to insure compliance with the provisions of E.O. 12065, "National Security Information," and its implementing directive. They will visit selected NRC offices and divisions during their on-site review to assess the propriety of classification decisions, the proper marking of classified documents, the accountability of classified documents, etc.

SECURITY SUPPORT OF ASLBP HEARING

The Facilities and Systems Security Branch is coordinating special security arrangements for an ASLBP hearing scheduled to take place in California later this summer.

UPGRADE OF CENTRAL PERSONNEL SECURITY INDEX

Representatives of the Division of Security, the Division of Automatic Data Processing Support and its contractor, International Business Services, have initiated a series of discussions and work analysis sessions to identify and develop various data processing measures to substantially improve and enhance the existing computerized Central Personnel Security Clearance Index.

ENCLOSURE A

406 009

OFFICE OF NUCLEAR REACTOR REGULATION

Weekly Items of Interest
(Week Ending June 30, 1979)

Surry, Unit No. 1

On June 19, 1979, VEPCO (the licensee) advised the NRC by telephone that additional facility modifications would be required to correct pipe overstress conditions during a postulated design earthquake. These additional modifications were attributed to differences between original design requirements and field verified "as built" conditions. The licensee's earlier assertions based upon results of earlier analysis, that significant modifications would not be required, no longer appeared to be valid. As a result of this unexpected information, the staff met with the licensee at Stone and Webster Engineering Offices in Boston on June 21 and 22, 1979 to review pipe stress analysis reports for those piping problems which will require modifications to correct overstress conditions. The staff emphasis was on those problems which had been recently completed and those still under review. Of the 42 problems being reanalyzed by Stone and Webster, 35 are complete, four are under QA review and three are to be submitted to QA. Eleven of the 42 problems require modification to correct pipe overstress.

Seven of these modifications are required because of significant differences between design and "as built" conditions, one because of an algebraic summation of SHOCK 2 code and one because of safety valve relief line was not previously analyzed.

The other two had not been completed in sufficient detail for the staff to conclude the basis for modification. However, one appears to be an "as built" problem, the other could be due to a deficient SHOCK 2 pipe analysis model.

The remaining 27 SHOCK 2 reanalyses are being performed by Nuclear Service Corporation in California. The status of these problems as reported by the licensee (but not reviewed by the staff) is that 21 analyses are complete and six are still under review. Nine of these 21 completed analyses are said to require modification to correct pipe overstress and/or support overstress as a result of "as built" condition.

In a June 25, 1979 letter telecopied to the NRC on June 26, 1979, VEPCO estimates that completion of all pipe stress analyses and all pipe support analyses for SHOCK 2 problems inside containment, and completion of all necessary hardware modification, will be "during the month of August". No schedule has been proposed for the SHOCK 2 problems outside containment.

A June 25 Wall Street Journal article cited the fact that these partially completed analyses have shown that "some pipes needed extra support" and indicates a VEPCO senior vice president characterizes the problem discovered so far would require "minor adjustments in hardware". That same article indicates that VEPCO "won't resume operation until at least September".

At VEPCO's request, a meeting is planned for July 10, 1979 to review the results of all problems for which hardware modifications are required.

POOR ORIGINAL

ENCLOSURE B

406 010

Millstone 2

An authorization was issued June 25, 1979, to increase the power level from 2560 to 2700 MWT. This subject was reviewed by the ACRS on June 14, 1979.

North Anna

Amendment No. 12 was issued on June 28, 1979 to the North Anna license regarding allowable settlement limits of the Service Water Pump House and Piping. The old technical specifications related to average settlement of the pumphouse. This amendment relates to differential settlement between the pump house and piping and to total settlement of pipes.

Cherokee Unit 1/Perkins Units 1, 2 and 3

Duke Power Company has postponed financial commitments for Cherokee 3 and Perkins 1, 2 and 3, with plans to study power requirements.

Ft. St. Vrain

On June 26, while filling the polishing demineralizers, some resin was spilled on the floor. In an attempt to hose the resin down the floor drain, a coupling let loose on the hose, spraying water over the area. A 4160-480V transformer in the vicinity immediately shorted out with a loud noise, but resulted in no fire.

The reactor scrambled and bearing water to the helium circulators was lost. Since the plant was at 1 1/2% power, the back-up bearing water was not on line and all four circulators tripped. Circulator D was quickly reestablished and the other loop, Circulator B, soon after. A spare transformer was available and was installed that night.

The feed-in cable to the transformer has a fault in it. This fault is being traced and a replacement cable will be installed. The transformer is an air-cooled, drag type unit, located in a cubical with louvers for air regulation. The water sprayed into the louvers. PSCo. expects to complete the repairs and cleanup by the week end and be ready to start up on July 2.

POOR ORIGINAL

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending June 28, 1979

IAEA Support Meeting

On June 20, a Safeguards staff member attended an interagency technical coordinating committee meeting held at Germantown to review the current U.S. program for technical assistance to IAEA safeguards (POTAS). At this meeting, representatives from ACDA and DOE also discussed their current independent R&D activities related to strengthening IAEA safeguards.

US/IAEA Safeguards Agreement Hearings

On June 22, Senators Pell and Glenn held hearings for the Senate Committee on Foreign Relations on the US/IAEA Safeguards Agreement. Messrs. Page and Morrow represented NMSS at this hearing. As a result of this hearing, it now appears that affirmative action on the treaty may be taken by the Senate with minimal delay.

NRC Staff Support to the IAEA

A Safeguards staff member attended a meeting at Battelle in Seattle on June 14-15 to review a draft outline and to discuss the general content of a consultant's report which is to be prepared under the U.S. direct support program to the IAEA Safeguards Evaluation Section. The purpose of the report is to develop a general approach for evaluation of IAEA audits performed on facility operating and accounting records.

Transient Shipment Proposed Rule

Further coordination has been made with DOD officials having policy responsibility over the Panama Canal Company concerning transient shipments in light of recent threat activities. The officials have stated that the company will be replaced by a U.S. government agency, the Panama Canal Commission, on October 1, 1979. The question of amending the Panama Canal Company regulations to require physical protection for transient shipments of formula quantities of SSNM will have to be considered by the new Commission legal staff. The early indications are that there probably will be no serious problems.

406 012

ENCLOSURE D

INFCE Working Group 4

Chapters 5 and 6 of the draft final report covering environmental and economics evaluations respectively have been reviewed from the U.S. perspective and an overall assessment has been provided to the INFCE coordinator for use at the July TCC meeting in Vienna.

Environmental Survey of the Uranium Fuel Cycle - Table S-3

A meeting is planned for June 28 with BPNL and RES representatives to iron out the final preparation of the interim background reports on radon emissions from uranium mining. Based upon staff comments, the explanatory narrative for Table S-3 for the present proceeding is being modified for submission to the Commission.

Impacts of Tritium Releases

A Fuel Cycle and Material Safety staff member has contacted specialists at ORNL and Mound Laboratory regarding control strategies for mitigating the impacts of releases of tritium from the American Atomics Plant. Other topics discussed included tritium measurement systems, containment systems, and possible application of this state-of-the art technology to other NRC material licensees.

Letter to Sheldon Meyers Concerning Nuclear Waste Form

A letter has been sent to Sheldon Meyers, Program Director for Nuclear Waste Management at DOE, expressing Waste Management's views that a geologic repository should be a multi-barrier system and that major, if not primary, importance should be placed on the waste form itself, its packaging, any overpacks, and the local waste-rock interface. This would leave the geology as a fully redundant additional barrier.

Waste Management considers that the waste form and packaging should have an expected life at least for the period that the fission products constitute the principal hazard, ie 1,000 years. During this time the performance objectives should be near zero release. Beyond that time it is considered reasonable to confine the waste so that near field concentrations would be small, comparable to a natural ore body. Waste Management also expressed the view that a much more aggressive waste form and packaging development and demonstration should be undertaken by DOE.

Trip to Oak Ridge and Savannah River

On June 20, Waste Management staff visited Oak Ridge National Laboratory to participate in technical discussions concerning the use of cermets (ceramic-metal composites), hot pressed concrete, and sol-gel technology for encapsulation of high-level radioactive wastes. On June 21 and 22, technical discussions were held with staff of the Savannah River Laboratory concerning DOE's overall program for waste forms and work being done at SRL on glass, concrete, and alternate waste forms. Tours of laboratory, waste storage and pilot processing facilities were made at both ORNL and SRL. The information from these discussions will be considered by the WM staff in developing performance criteria for solidification of high-level and transuranic waste.

Workshop on Public Participation in Waste Management at Keystone, Colorado

On June 18-20, 1979, Waste Management staff members participated in a workshop on public participation in waste management held at Keystone, Colorado, by the Keystone Radioactive Waste Management Discussion Group. The workshop brought together representatives of environmental, state, industry academic and other public interests to formulate guidance to the Federal agencies on improving public participation in waste management decisionmaking. DOE, EPA and NRC sent representatives to discuss the programs of their respective agencies.

Waste Isolation Pilot Plant

A Waste Management representative attended the public hearings which were held by the U.S. Department of Energy on the proposed Waste Isolation Pilot Plant (WIPP) on June 5, 7, 8 and 9, 1979. These hearings were held at Idaho Falls, Albuquerque, and Carlsbad. The purpose of the hearings were to provide a forum for public comment on the recently published draft environmental impact statement on the WIPP. Many of the witnesses at the various sessions raised the same issues. These issues were related to alternatives to WIPP, transportation of radioactive material, the applicability of the Price-Anderson Act to transportation and disposal of radioactive waste, denial of resources, retrievability of waste, socioeconomic impacts, and NRC licensing review of WIPP.

Strategies for Decommissioning the Sheffield Burial Ground

Technical and legal representatives from Federal and state agencies met in Chicago, Illinois on June 25, 1979 to discuss strategies for decommissioning the Sheffield low-level radioactive waste burial ground. Waste Management NRR technical staff, and ELD were present from NRC. The Illinois Department of Public Health, Illinois Geological Survey, U.S. Geological Survey, and Illinois Attorney General were also represented. The status of various state legal proceedings and the NRC's proceeding before the ASLB were reviewed. Technical representatives exchanged information on studies in progress. NRC staff visited the site the following day. NRR representatives visited USGS offices in Champaign to review core samples from the site and other data. NRC will play the lead role in coordinating the continuing exchange of technical information.

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending June 29, 1979

1. Preliminary Notifications relating to the following actions were dispatched during the past week:
 - a. PNO-79-67AU Three Mile Island Unit 2 - Updated Status Report - This Preliminary Notification was issued to provide updated status information.
 - b. PNO-79-181A Three Mile Island Unit 1 - Piping Cracks in Decay Heat System Suction Piping (Borated Water Systems) - This Preliminary Notification was issued to provide information on additional inspections and tests made by the licensee. (Closed)
 - c. PNO-79-183 Ginna - Potential Design Deficiency - ESF Reset Feature - The licensee informed Region I (Philadelphia) of the potential for a failure of individual Engineered Safety Feature reset switches to block automatic and/or manual actuation of ECCS Systems, Containment Spray System, and Containment Isolation System. The licensee planned to evaluate system design and emergency procedures. (Closed)
 - d. PNO-79-184 Peach Bottom Unit 3 - Exceeded Instantaneous Release Rate During Startup Following Unscheduled Shutdown of June 21, 1979 - During startup, the instantaneous release rate peaked at 106% of the limit. This level, coupled with Unit 2 and Unit 3 Vent Stack contributions, resulted in a short term release of approximately 116% of the instantaneous limit. (Closed)
 - e. PNO-79-185 North Anna and Surry Power Stations - Nonconservative Analysis Results of High Energy Line Break Inside Containment - Westinghouse reported a nonconservative analysis results of high energy line break inside containment, specifically concerning error generated in the steam generator level indication sensors. (Closed)
 - f. PNO-79-186 Brunswick Units 1 & 2 - Problem in Reanalysis of Piping Stresses - The licensee reported that three points of potential overstress condition had been identified during a reanalysis of piping stress for motor operator eccentricity. The licensee is evaluating the continued safe operation of the units. (Closed)
 - g. PNO-79-187 Washington Nuclear Project No. 2 - Allegations Regarding Improper Postweld Heat Treatment of Reactor Feedwater Pipe Weld - Possible Complaint to Congressmen - Region V (San Francisco) has received allegations regarding the application of excessive and non-uniform temperatures in the post weld heat treatment of a safety related feedwater pipe weld at WNP-2. NRC investigation, to date, has not substantiated the allegations, although other quality problems have been identified with post weld heat treatment operations. The contractor involved has stated his intention to write to Senators Jackson and Magnuson because the contractor has not had the opportunity to confront his accuser. (Closed)

ENCLOSURE E

406 015

- h. PNO-79-188 Massachusetts Institute of Technology - Abnormal Fuel Cladding Degradation - The licensee reported that based on increased stack releases, it appeared that fuel cladding had degraded. The licensee plans to replace two-thirds of the core to eliminate fuel elements with degraded cladding. (Closed)
- i. PNO-79-189 Surry Unit 1 - Indication of Cracks in Feedwater Nozzles - Radiographs on two of the three feedwater nozzle welds indicate inside surface cracks. The affected parts are being replaced. (Closed)
- j. PNO-79-190 Kewaunee - Radiographic Indication in Steam Generator-To-Feedwater Line Weld - Examination of the feedwater line-to-nozzle transition pieces showed cracks. The licensee will replace the transition pieces. (Closed)
- k. PNO-79-191 D. C. Cook Unit 2 - Inadvertent Actuation of Containment Spray - While performing surveillance testing in preparation for startup, the upper containment area was sprayed with about 1,000 gallons of primary system water when a pressurized containment spray line was cycled open for periodic testing. There were no releases to the environment. (Closed)
- l. PNO-79-192 Oconee Unit 1 - Unit Shut Down to Modify Auxiliary Feedwater System - The reactor was shut down on June 24 to modify the auxiliary feedwater system pursuant to the licensee's commitments in reply to the Commission's Order of May 7, 1979. Unit restart is scheduled for July 6. (Closed)
- m. PNO-79-193 Susquehanna Units 1 & 2 - Reschedule of Commercial Operation Date - The licensee announced that the commercial operation dates of both units will slip by five months. The slip is attributed to delays in plant construction and startup programs and a projected delay in receipt of the Operating License from NRC. (Closed)
- n. PNO-79-194 Peach Bottom Unit 3 - Unscheduled Load Reduction - On June 26, a steam leak from a one-half inch fitting was discovered on a turbine valve pressure tap. Reactor power was reduced to about 20 percent while repairs were completed. The unit has resumed full power operation. (Closed)
- o. PNO-79-195 Surry Unit 2 - Injury to Three Construction Workers - Three workers were injured while attempting to open a metal crew box equipment container with a cutting torch. An unknown substance within the box exploded, blowing the lid open and injuring the workers. The individuals were hospitalized for evaluation and treatment. (Closed)
- p. PNO-79-196 Hatch Unit 2 - High Pressure Coolant Injection (HPCI) and Reactor Core Isolation Cooling Trip - Following a planned Main Steam Isolation Valve (MSIV) closure startup test from 100% power, the HPCI turbine and the RCIC turbines automatically started and then tripped on apparent high steam flow to the turbines. The reactor scram and response of other safety equipment performed as expected. The licensee's investigation is in progress. (Closed)

- q. PNO-79-197 Susquehanna Units 1 & 2 - Release of Stop Work on Electrical Cable Pulling - Electrical cable pulling was resumed on June 27, 1979. A Stop Work Order had been issued on June 13, 1979 by the licensee when it was determined that in the process of pulling cable through conduit was damaging some of the cables. (Closed)
- r. PNO-79-198 Oyster Creek - Potential Drowning in Discharge Canal - It was reported that an elderly man fell into the discharge canal while fishing or crabbing. The site of the incident was in the canal just upstream of the U.S. Route 9 bridge. Search and recovery operations were started. (Closed)
- s. PNO-79-199 Salem Unit 1 - Temporary Evacuation of Auxiliary Building - While making valve lineups, radiation alarms on the charging pump area monitor and liquid waste release line were received. In accordance with procedures, the Auxiliary Building was evacuated. It was determined that a short section of pipe had high radiation levels. The source and nature of the material causing the high radiation levels are under investigation. (Closed)
- t. PNO-79-200 Detroit Metro Airport - Damaged Package of Medical Radioisotopes - An overpack containing three packages of radioactive material was damaged on June 26, 1979, in the cargo area of Northwest Orient Airline. A representative of the State of Michigan Health Department responded and found that contamination was confined to the absorbent material within one package. (Closed)
- u. PNO-79-201 Kewaunee - Radiographic Indication in Feedwater Line Elbow Weld - The licensee has previously identified cracks in the steam generator nozzle to feedwater line transition pipe. The licensee has now started to examine other welds in the feedwater line. Crack indications have been found in the first weld of the first elbow upstream from the "B" steam generator feedwater nozzle. Evaluations are continuing. (Closed)
- v. PNO-79-202 Brunswick Unit 2 - Double Notching of Control Rod - The licensee reported that while pulling four control rods from notch 6 to notch 8, one rod double notched to notch 10 and within 4 seconds returned to notch 8. General Electric Co. has been contacted by the licensee and discussions are being held concerning future action. (Closed)
- w. PNO-79-203 Indian Point Unit 2 - Industrial Accident - On June 28, 1979, a fork truck overturned while climbing a hill within the site boundary. The operator was injured and died later at a nearby hospital as a result of the accident. (Closed)
- x. PNS-79-62 Sequoyah Units 1 & 2 - Bomb Threat - The plant site was evacuated and a search conducted with negative results. (Closed)
- y. PNS-79-63 Turkey Point Units 3 & 4 - Bomb Threats - The licensee has increased its guard force vigilance and search procedures. (Closed)
- z. PNS-79-64 Fort St. Vrain - Unauthorized Individuals at Protected Area Fence - On June 22, 1979, at 4:00 a.m., an automobile was observed in the isolation area just outside the protected area fence. Plant Security personnel responded and, upon request, the two individuals in the car left the area. (Closed)

- aa. PNS-79-65 Watts Bar Units 1 & 2 - Vandalism - The licensee reported the that electrical conductors within a single cable for the Unit 1 containment spray system were found cut, with sheathing replaced around the cut. In addition, two conductors in a Unit 2 safety-related electrical panel were found with insulation cut away from the cable. (Closed)
 - bb. PNS-79-66 Surry Units 1 & 2 - Bomb Threat - The security office was evacuated and searched. Nothing was found. (Closed)
 - cc. PNS-79-67 United Nuclear Corporation, Montville, CN - Inventory Difference Gain in Excess of Calculated Limit of Error - As a result of an inventory conducted on May 18, 1979, the licensee reported an inventory difference gain in excess of the calculated limit of error. Causes appear to be the result of errors in the facility records. Additional inspections are scheduled to review the results of the licensee's investigation. (Closed)
2. IE Bulletin No. 79-13, "Cracks in Feedwater System Piping," was issued on June 25, 1979 to all utilities with operating pressurized water reactors.
3. The following IE Circulars were issued:
- a. IE Circular No. 79-10, "Pipefittings Manufactured from Unacceptable Material," was issued on June 26, 1979 to all power reactor facilities with an operating license or construction permit.
 - b. IE Circular No. 79-11, "Design/Construction Interface Problem," was issued on June 27, 1979 to all power reactor facilities with a construction permit.
 - c. IE Circular No. 79-12, "Potential Diesel Generator Turbocharger Problem," was issued on June 28, 1979 to all power reactor facilities with an operating license or construction permit.

OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

FOR THE WEEK ENDING JUNE 29, 1979

Rancho Seco Nuclear Generating Station, Unit 1

On June 21, 1979, representatives of NRR, OELD and I&E testified before the California Energy Commission, at its request, on the subject of the suspension of Rancho Seco operation and the criteria for allowing resumption of operation. The facility had been shut down until certain short-term modifications were made to reduce the probability of suffering a TMI-type sequence of events at Rancho Seco.

Robinson Steam Plant, Unit No. 2

On June 26, 1979, the Licensing Board in the proceeding for an amendment to increase the authorized power of the Robinson facility granted the Licensee's motion (which was supported by the Staff) to terminate the proceeding. The proceeding had become uncontested by virtue of the withdrawal of the only intervenor and the Board determined that there were no "extraordinary circumstances involving a serious safety, environmental or common defense and security matter" which the Board should independently raise. Prior to granting the motion the Board had received an affidavit from the Staff stating that it had identified no reason why the increased power level application could not be granted pending results of reviews of the Three Mile Island accident.

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING JUNE 29, 1979

INTERNATIONAL COOPERATION

IAEA Board of Governors Meeting - Special Briefing on TMI

H. Denton, NRR, gave a special briefing on TMI to the IAEA Board of Governors and to the IAEA staff in Vienna on June 28. Expansion of IAEA's nuclear safety program in light of the TMI accident, was a major topic at the IAEA Board of Governors Meeting. J. Lafleur, IP, was NRC's representative on the US delegation attending the meeting.

NEA-CSNI Meeting

S. Levine, RES, Vice Chairman of the Nuclear Energy Agency's Committee on the Safety of Nuclear Installations attended a CSNI meeting in Paris on June 27-29. H. Denton attended the first day of this meeting to discuss TMI incident before going to Vienna for the June 28 IAEA briefing.

* ABC Request to Film Mol Operation

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Mexican Visit

Mr. Ruben Bello Rivera, Technical Secretary of the Mexican National Nuclear Safety and Safeguards Commission (CNSNS) visited NRC June 25-26 and held discussions with Commissioner Kennedy and IP staff representatives. Mr. Bello was accompanied by Roberto Trevino and Fernando Ramirez who are on assignment to NRC from the CNSNS.

Japanese Parliamentarians

On Monday, a seven-member study group from the Japanese Diet met with staff members of IP, SP, and NRR, to discuss the Three Mile Island incident. The group will tour TMI on July 2.

South African Technical Visit

On Tuesday, Mr. P. E. Metcalf of the Licensing Branch (Standards Division) of the South African Atomic Energy Commission met with staff members of SD, NRR, and NMSS to discuss occupational exposure regulations (experiences, plant monitoring and radiological protection practices), and radiation regulations regarding mill tailings.

Argentine Visit

On Tuesday and Wednesday, Dr. Touzet, Head of the Nuclear Installations Control Division of the Atomic Energy Commission of Argentina, met with D. Chenier, W. LaVine and B. Senseney of IP to discuss international cooperative activities and a general overview of the NRC. He also met with R. Fraley and M. Libarkin to discuss the role of the ACRS.

Swedish Meeting with NRR

On Wednesday, Mr. Jan Elkert from ASEA-ATOM and Mr. Ake Persson from the National Institute of Radiation Protection met with NRR to discuss occupational radiation exposure at LWRs in general, and the TMI incident (occupational exposure, cleanup, monitoring and new estimates on environmental exposure) in particular.

Belgian Parliamentarian

On Thursday, Dr. Willy K. J. De Saeyere, Member of the Belgian Parliament, met with H. Faulkner of IP to discuss the incident at Three Mile Island.

* Foreign Reports

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OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING JUNE 29, 1979

Program Development

S.A. Schwartz met with the Staff of the National Association of Counties to discuss ways for the NRC to work with county governments in getting better Radiological Emergency Preparedness.

Emergency Preparedness

Messers R. Van Niel and J. Dukes met with the director and staff members of the Defense Civil Preparedness Agency Region 2 to discuss the Regional Advisory Committee effort and the status of DCPA's review of Virginia, Maryland and Pennsylvania Radiological Emergency Response Plans. On June 18, Bob DeFayette, Singh Bajwa and Bill Axelson (IE) met with the State Director of Civil Defense in Indiana to discuss development of Indiana's plan. On June 21, S. Schwartz, Hal Gaut and representatives of NRR briefed State Senator Cox from Missouri on the NRC efforts with his State in the area of radiological emergency response plans. Dick Cleveland visited Kentucky on June 21 to discuss development of the State plan with C. Hardin of the Kentucky Department of Health.

The Federal Interagency Regional Advisory Committee-VII (Denver) met to review and suggest final changes to the Colorado Radiological Emergency Response Plan. RAC-IV (Chicago) met to discuss its review of the existing Wisconsin plan and lay out a schedule for future field assistance in the Great Lakes area. RAC-IV (Atlanta) met to review status of the Tennessee and North Carolina planning effort.

The Federal Interagency Headquarters Advisory Committee met with eight regional staff members of various Regional Advisory Committees to refine or develop, as necessary, acceptance criteria for the elements of the "Guide and Checklist" (NUREG-75/111). This was in preparation for a training meeting for all RAC members to be held in Kansas City in late July.

Arrangements have been made to visit Pennsylvania in early July to discuss State and local activity in response to TMI. In addition to State Programs staff, Mal Ernst (Special Investigation Group) and Joe Logsdon (EPA) will participate.

On Monday, June 11, Tom Elsasser (SLO, NRC Region I) addressed the City of Yonkers Emergency Services Committee regarding alternatives to evacuation in response to potential accidents at the Indian Point site. On Tuesday, he participated in a panel discussion sponsored by the Metropolitan Regional Council in New York City entitled, "Confronting a Major Radiation Emergency."

ENCLOSURE I

406 022

State Agreements

First publication of the proposed agreement with Rhode Island and the staff assessment of the State's program appeared in the Federal Register on June 29, 1979. The publication will appear for four consecutive weeks to provide opportunity for public comment. After publication, the staff will prepare a paper for action by the Commission on the proposed agreement.

The guidelines for Grants to States Under the Uranium Mill Tailings Radiation Control Act have gone to the Commission for information and are expected to be transmitted to the States in early July. The Guidelines describe the application procedures to be used by those Agreement States with mills and the criteria to be used by NRC to award and manage the grants.

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

Week Ending - June 29, 1979

TMI Impact

Briefed BRG on NRC's caseload projections for FY 81-85 changes required as a result of the accident. Adjusted forecast to assist BRG in their review of offices' budgets, which were prepared using a pre-TMI forecast.

Annual Report

Circulated to offices for comment the first draft outline for next year's report to the President and the Congress.

Abnormal Occurrence

Sent proposed report on Surry fuel damage to the Commission for approval.

ENCLOSURE J

406 024

CALENDAR OF SIGNIFICANT EVENTS

TWO-WEEK PERIOD ENDING JULY 16, 1979

July 2, 1979	Midland	Hearing to be held in Bethesda, MD.
July 2, 1979	Waterford	CP extension to be issued.
July 9, 1979	Bailly	ACRS Subcommittee Meeting to discuss proposed modifications to piping design.
July 9, 1979	Three Mile Island 2	Ad Hoc Subcommittee will consider responses of vendors/utilities to Bulletins and Orders.
July 11, 1979	Three Mile Island 2	Ad Hoc Subcommittee will discuss implications of TMI-2 accident re nuclear power plant design.
July 13, 1979	New England 1&2	Supplement No.1 to the Safety Evaluation Report to be issued.

ENCLOSURE L

406 025

CALENDAR OF SPEAKING ENGAGEMENTS

JULY

- July 8-15 Health Physics Society Annual Meeting, Philadelphia, PA -
Practical Implications to the United States Nuclear Regulatory Commission of the ICRP Recommendations (1977) - Robert Alexander
Time and Dose Factors in Carcinogenesis; Resuspension Factors and Probabilities of Intake of Material in Process - A. Brodsky
Environmental Radiation Monitoring Objectives - Report of Subcommittee on Objectives of the Health Physics Society Committee for Upgrading Environmental Radiation Data - E. Conti
- July 16-18 INMM Meeting, Albuquerque, NM, SNM Measurement Control Program at NRC Licensed Facilities - Mike Smith

AUGUST

- August 6-10 Lecture the IE Inspectors on Concrete and Other Structural Defects Experienced in Nuclear Power Plant Construction - L. L. Beratan

SEPTEMBER

- September 16 ANS Topical Conference on Decontamination and Decommissioning of Nuclear Facilities, Sun Valley, ID - Residual Activity Limits for Unrestricted Release from Decommissioning - E. Conti