

August 28, 1979

For: The Commissioners
From: T. A. Rehm, Assistant to the Executive Director for Operations
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING AUGUST 24, 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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49-27781

978180

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

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SUMMARY OF KEY EVENTS
WEEK ENDING AUGUST 24, 1979

MILLSTONE 2

In an August 21, 1979 meeting with the staff, Northeast Nuclear Energy Co. (NNECO) reported that crack indications were discovered at the nozzle safe end-to-pipe weld and the pipe-to-elbow weld of each steam generator. NNECO stated that repair of these four weld areas would require about six weeks. NNECO will be documenting, among other things, a commitment to shutdown for reinspection of these weld areas before the end of October 1979.

SURRY POWER STATION, UNIT NO. 1

On August 22, 1979, NRR issued an Order permitting resumption of operation of Unit 1. After an extensive reevaluation using currently approved analytical techniques, it was determined that the safety-related piping systems, with modifications are acceptable. Approximately one-third (19 of 63) of the safety-related piping systems and 130 safety-related supports required modifications. Plant restart is expected the early part of September.

OCONEE-MCGUIRE HEARING

A draft affidavit supporting the position that specific details of licensee spent fuel transportation protection arrangements, including routing, should continue to be withheld from public disclosure under 10 CFR 2.790(d) has been prepared.

UPGRADE IMPACT ON NON-POWER REACTORS

As part of the transition activities to transfer reactor safeguards functions to NMSS, representatives of NRR and the Safeguards Division visited several non-power reactor sites to help evaluate potential impact of Category I Physical Protection Upgrades on these facilities.

CAREY SALT MINES AS RETRIEVABLE STORAGE FACILITY FOR LLW

Two newspapers and a radio station in the Kansas area requested information or copies of the application for use of the abandoned Carey Salt Mines as a retrievable storage facility for low-level wastes. The application to the Agreement State of Kansas is currently under review and the state has requested technical assistance from NRC.

SWEDISH SAFETY COMMITTEE VISIT

The Swedish Government Committee on Nuclear Reactor Safety met with NRR, IE, RES, and IP to discuss various aspects of the incident at TMI-2. They visited TMI for a tour and discussions with NRC and Met Ed representatives. The Committee was appointed to investigate if there are reasons to reevaluate the risks of nuclear power based on the accident at TMI and determine what actions should be taken to enhance the safety of Swedish nuclear power plants.

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TESTIMONY ON INTERNATIONAL MATTERS BEFORE PRESIDENTIAL COMMISSION

On August 22 Joseph Lafleur, IP, Deputy Director, testified before the Presidential Commission on TMI regarding a transient at the Beznau, Switzerland, reactor in 1974 which was similar to the initial stages of the TMI-2 accident

EMERGENCY PREPAREDNESS

SP/EP staff participated in the four Regional Licensee meetings held this week by NRR to commence bringing licensee emergency plans up to the criteria outlined in Regulatory Guide 1.101 "Emergency Planning for Nuclear Power Plants."

OFFICE OF ADMINISTRATION

Week Ending August 24, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Received	376	27
Granted	246	8
Denied	59	11
Pending	71	8

ACTIONS THIS WEEK

Received

Beverly T. Elkins,
Milton High School
(79-331) Referral from the Department of Energy of documents concerning the Three Mile Island incident.

Michael Davidson
(79-332) Requests nine I&E Bulletins relating to Three Mile Island.

Lindsay Audin
(79-333) Requests information regarding routes for transport of irradiated reactor fuel.

Judith Fain,
Attorney-At-Law
(79-334) Requests records pertaining to discharges of radioactivity into the atmosphere from the Nuclear Fuel Services plant in Erwin, Tennessee.

Samuel A. Simon,
National Citizens
Committee for
Broadcasting
(79-335) Requests all material relating to any NRC findings or current investigations concerning General Electric Company's violation of any law or regulation administered by the NRC.

Gar Smith,
Academic Publishing, Inc.
(79-336) Requests a compilation of events, accidents, injuries, and deaths due to exposure to radiation from 1941 to 1979.

Russell W. Busch,
Attorney for Upper
Skagit Tribe
(79-337) Requests information relating to "removal" of [a named Board member] from the Atomic Safety and Licensing Board Panel, and the manner in which he served as Chairman of a Board.

CONTACT: J. M. Felton
492-7211

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ENCLOSURE A

Received, Cont'd

Russell W. Busch, Attorney for Upper Skagit Tribe (79-338)	Requests information relating to selection and qualifications of [a named Board member] as Chairman of an Atomic Safety and Licensing Board, NRC instructions to the ASLB chairman, and a copy of the NRC Manual.
Richard P. Pollock, Critical Mass (79-339)	Requests information relating to the occupational exposure to radiation of workers at the Nuclear Fuel Services nuclear facility in Erwin, Tennessee, from January 1, 1969 to the present.
(An NRC employee) (79-340)	Requests documents relating to seven listed Vacancy Announcements.
Laurence H. Gross, United Press International (79-341)	Requests documents involved in licensing hearings for proposed Black Fox Station nuclear plant, including the "Reed Report".
(An NRC employee) (79-342)	Requests documents relating to Vacancy Announcement 79-317, including worksheets referred to in a grievance meeting.
Randy Fish, Rice County Concerned Citizens (79-343)	Requests all documents concerning Rickano Corporation's submittal of an application requesting authorization to store low-level wastes in an abandoned salt mine in Rice County, Kansas.
(An NRC employee) (79-344)	Requests documents relating to Vacancy Announcement 79-397.
Thomas B. Cochran, Natural Resources Defense Council, Inc. (79-345)	Requests copies of the three foreign in-country evaluations made during FY 79 to determine the adequacy of physical security protection programs employed to protect U.S. origin nuclear materials and facilities.
Francis John Kreysa, Neutron Products, Inc. (79-A-20-79-44)	APPEAL TO THE EDO for the drawings of the cobalt-60 teletherapy unit, Model Number Theratron 80, manufactured by Atomic Energy of Canada, Ltd.
(An NRC employee) (79-A-21-79-235)	APPEAL TO THE EDO for records relating to the basis for selecting a candidate for Vacancy Announcement 79-317.

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Granted

Ginger Rutland,
KRON TV
(79-184)

In response to a request for documents compiled by NRC's Mechanical Engineering and Materials Engineering Branches for IE Bulletins 78-12, 78-12A, and 78-12B, and information regarding atypical weld materials in B&W reactors, made available these documents.

Richard B. Hubbard,
MHB Technical Associates
(79-238)

In response to a request for documents relating to uncertainty in the calculation of accident probabilities and consequences, and estimates of risks, utilizing probabilistic risk assessment methodologies, made available 13 documents. Informed the requester that a more comprehensive response to this request would require 124 hours of search time, at a cost of \$1,152.

Alfred C. Coleman, Jr.
(79-288)

In response to a request for access to documents of the Public Service Electric and Gas Company concerning the estimated annual cost of operating the Salem Units 1 and 2, informed the requester that this information is available in the LPDR in Salem, New Jersey.

Alfred C. Coleman
(79-289)

In response to a request for access to PSE&G's responses to questions from the NRC regarding population data, and the spent fuel pool for Salem Units 1 and 2, informed the requester that this information is available in the PDR and in the LPDR in Salem, New Jersey.

(An NRC employee)
(79-295)
and
(An NRC employee)
(79-308)

Made available documents relating to the audit of their positions from the time of the initiation of the DAMANS' report until the final determination by the Commission.

Andrew B. Reid
(79-303)

In response to a request for information as to whether Union Carbide is required to possess an NRC license to possess and transport uranium ore through Wyoming, informed the requester that no license is needed.

Alfred C. Coleman
(79-305)

In response to a request for the first and second quarter reports on Exposure of Station Personnel in Excess of 3 rem/Quarter Limit, provided a copy of an annual report on occupational radiation exposure and informed him that that the NRC does not publish quarterly reports.

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Alfred C. Coleman
(79-306)

In response to a request for all radiological monitoring reports reflecting certain radiation levels recorded during the July, 1979 spent fuel pool reracking of Peach Bottom Unit No. 2 or No. 3; and copies of the quarterly reports on exposure of station personnel, informed the requester that the NRC has no documents.

Granted, Cont'd

Lyn M. Snyder
(79-311)

In response to a request for information regarding present and proposed locations for storage of nuclear wastes and a listing of proposed locations for nuclear power plants, made available seven documents.

Kathy Roach,
Malcolm Pirnie, Inc.
(79-312)

In response to a request for meteorological data collected at the Indian Point Nuclear Power Facility for the past five years, informed the requester that this information is available in the PDR and in the LPDR in White Plains, New York.

Tom Keenan,
The Washington Monitor
(79-313)

In response to a request for copies of NRC mailing lists in label format, made available 7,097 labels, at a cost of \$92.26.

(An individual requesting
information about himself)
(79-316)

Made available records concerning his Reactor Operator License examinations.

Jim Wright,
Argonaut
(79-317)

In response to a request for information concerning the operation of experimental atomic devices, and storage of atomic material and wastes on or near the University of Idaho campus, informed the requester that the NRC has no documents.

Richard A. DeSantis,
Attorney-At-Law
(79-319)

Informed the requester that the NRC has no documents relating to his client.

Alletta d'A. Belin,
Center for Law in
the Public Interest
(79-325, 326, and 327)

Informed the requester that the NRC has no information pertaining to [3 named persons] in its personnel, security, or radiation exposure records.

Richard A. DeSantis,
Attorney-At-Law
(79-328 & 79-329)

Informed the requester that the NRC has no documents relating to [2 named persons].

Beverly T. Elkins,
Milton High School
(79-331)

In response to a referral from the Department of Energy of documents relating to Three Mile Island Unit 2, made available these documents.

Michael Davidson,
Marlette Community Hospital
(79-332)

In response to a request for copies of nine I&E Bulletins relating to the Three Mile Island incident, informed the requester that these Bulletins are available in the PDR.

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Granted, Cont'd

Ellyn R. Weiss,
Sheldon, Harmon,
Roisman, & Weiss,
on behalf of UCS
(79-A-16-79-100 & 79-167)

In response to an appeal for the transcripts of telephone conversations recorded at the Incident Response Center during the first five days after the Three Mile Island incident, informed the requester that these transcripts are available in the PDR.

Michael C. Jenks
(79-A-17-79-205)

Made available records relating to his request for documents pertaining to the importation into the U.S., and disposal here, of nuclear waste materials from foreign countries.

Denied

Jack R. Newman,
Attorney-At-Law
(79-276)

In response to a request for copies of documents cited in a memorandum dated June 11, 1979 from Stephen Eilperin to the Commission, entitled "D.C. Circuit's Remand in State of Minnesota v. NRC", made available several documents. Denied one document containing advice, opinions, and recommendations of the staff.

Edwin I. Malet
(79-302)

In response to a request for a copy of transcripts of Commission meetings held on March 4, 1978 and May 4, 9, 11, 18, and 31 of 1978, informed the requester that transcripts of the May 9 and 11, 1978 Commission meetings are already in the PDR, and that the NRC has no record of any Commission meetings held on March 4, May 4, or May 18, 1978. Denied access to the May 31, 1978 tape recording, because its disclosure would constitute a clearly unwarranted invasion of personal privacy.

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DIVISION OF CONTRACTS

Week Ending August 24, 1979

PROPOSALS UNDER EVALUATION

1. RFP RS-NMS-79-032
Title - System Analysis of Shallow Land Burial
Description - The contractor will be required to (1) identify potential radionuclide release pathways from shallow land burial waste disposal, (2) develop a model to assess shallow land burial sites, (3) perform a parametric study based on the model, and (4) assess pathway and isotope doses and total side impacts using the model.
Period of Performance - Twenty months
Sponsor - Office of Nuclear Material Safety and Safeguards
Status - Final contractor selection approved on August 16, 1979.

2. RFP RS-NMS-79-043
Title - Bulk Material Control
Description - This requirement is a three-phase effort. The first phase is conceived to have one contractor, or several contractors, formulate material control systems. The Phase I contractor(s) will submit, at the end of Phase I, proposals for a possible development and demonstration phase, Phases II and III, respectively.
Period of Performance - Phase I - 8 months
Phase II - 7 months
Phase III - 12 months
Sponsor - Office of Nuclear Material Safety and Safeguards
Status - Revised technical proposals were distributed to the Source Evaluation Panel members for technical evaluation.

3. RFP RS-NRR-79-118
Title - Engineering Support for Operating Reactor Licensing Actions
Description - The NRC is seeking assistance with its review and evaluation of pending operating reactor licensing actions. Assistance is needed to: (1) review licensee submittal, (2) perform comparative evaluations relative to established regulatory guides, (3) provide a report documenting conclusions reached, and (4) provide a definition of additional information needed to complete the action.
Period of Performance - Three to five years
Sponsor - Office of Nuclear Reactor Regulation
Status - Competitive range established. Negotiations scheduled during week of September 2, 1979.

ENCLOSURE A

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4. RFP RS-OIE-79-257 (Step one of two-step IFB)
Title - Region III Mobile Laboratory
Description - Special vehicle designed to be used for conducting the confirmatory measurements program to evaluate the capability of the licensee to measure radioactivity in effluents.
Period of Performance - Ninety days (tentative)
Sponsor - Office of Inspection and Enforcement
Status - Technical proposals forwarded to Source Evaluation Board for review and evaluation August 21, 1979.

5. RFP RS-ADM-79-387
Title - Career Counseling
Description - A four-hour course in four individual sessions for approximately 100 NRC employees.
Period of Performance - One year
Sponsor - Office of Administration
Status - Negotiations conducted August 20, 1979. Best and Finals due August 28, 1979.

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OFFICE OF NUCLEAR REACTOR REGULATION
WEEK ENDING AUGUST 24, 1979

MILLSTONE 2

In an August 21, 1979 meeting with the staff, Northeast Nuclear Energy Company (NNECO) presented the results of radiographic and ultrasonic testing of the Millstone 2 feedwater lines as required by Bulletin 79-13. They reported that crack indications were discovered at four locations, the nozzle safe end-to-pipe weld and the pipe-to-elbow weld of each steam generator. This is the first case of crack indications at a Combustion Engineering (CE) designed facility.

NNECO characterized the worst crack indication, located at the pipe edge of the safe end-to-pipe weld of the B steam generator as two parallel circumferential indications about one inch apart with a combined length of approximately 12 inches and maximum depth of $0.110 + 0.030$ inch. The other crack indications were shorter in length and less than one-half the depth of the worst indication. A fracture mechanic analysis, performed by Westinghouse for NNECO, indicates that the thermal cycle produced cracks should be self limited to a depth of approximately 0.1 inch.

NNECO stated that repair of these four weld areas would require about six weeks due to lack of access to the safe end-to-pipe weld. This weld is located six inches inside the reinforced concrete wall which provides seismic support for the steam generator.

NNECO will be documenting the inspection results and fracture mechanics analysis, a commitment to install monitoring equipment at the worst crack indication weld area before startup, a commitment to provide a complete repair program by October 1, 1979 and a commitment to shutdown for reinspection of these weld areas before the end of October 1979.

Surry Power Station, Unit No. 1

On August 22, 1979, NRR issued an Order permitting resumption of operation of Surry, Unit 1. After an extensive reevaluation using currently approved analytical techniques, it was determined that the safety-related piping systems, with modifications, are acceptable. As a result of the reanalyses, approximately one-third (19 of 63) of the safety-related piping systems in the plant required modifications to correct overstress under postulated earthquake conditions. The modifications involved installation of new or modified pipe supports (shock absorbers and restraints) and repair of existing supports. Approximately 130 safety-related supports required modification. The majority of the modifications were to make the "as-built" system conform with the intended design. Plant restart is expected the early part of September.

Turkey Point

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On August 3, 1979, an Atomic Safety and Licensing Board (ASLB) ordered that a hearing be held regarding the steam generator repair program. In response to the Board's urging that the parties meet promptly regarding those contentions not yet ruled on and a schedule for discovery a meeting of the parties has been scheduled for August 30 in Miami, Florida.

ENCLOSURE B

D. C. Cook, Units 1 and 2

On August 29, 1979, a public information meeting will be held on the proposed expansion of the capacity of the D. C. Cook Nuclear Plant spent fuel pool. The meeting will be held near the plant from 7:00 to 10:00 p.m. in the Bridgman (Michigan) High School auditorium. High density racks will be used to increase the capacity of the existing pool, which is shared by Units 1 and 2, from 500 to 2050 assemblies.

North Anna 1

Amendment No. 14 to the operating license was issued on August 17, 1979 approving the fuel pool expansion.

Byron/Braidwood

A pre-hearing conference was held on August 20-24, 1979.

Meeting With Japanese Delegation

DSE staff met with a team of Japan scientist on August 15, 1979 to discuss technical environmental issues related to licensing of nuclear power plants with once through cooling system in the coastal zone. Subjects discussed included models for fish impingement and thermal plumes, NRC's relationship to EPA in 316(a) determinations, NRC's non-radiological technical specifications and general aspects of the environmental review and licensing process in the U.S. The staff agreed to supply the visitors with numerous documents including guides, environmental standard review plans, and results of NRC-sponsored environmental research.

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OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING AUGUST 24, 1979

1. A meeting was held on August 22 and 23 with the state chair persons who will conduct the decommissioning workshops in Columbia, South Carolina, on September 11-13 and in Seattle, Washington, on September 25-27. They were briefed on the status of the NRC's staff's reevaluation of the NRC decommissioning policy and on the material to be covered during the workshops.

Regulatory Guides Issued During the Week of August 20-24, 1979

Draft Regulatory Guide and Value/Impact Statement: Lightning Protection for Nuclear Power Plants, Task RS 705-4 [Comments requested by October 17, 1979]

Draft Regulatory Guide and Value/Impact Statement: Proposed Revision 1 to Regulatory Guide 1.131 - Qualification Tests of Electric Cables and Field Splices for Light-Water-Cooled Nuclear Power Plants, Task RS 050-2 [Comments requested by October 22, 1979]

Draft Regulatory Guide and Value/Impact Statement: Radiation Protection Training for Light-Water-Cooled Nuclear Power Plant Personnel, Task OH 717-4 [Comments requested by October 24, 1979]

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OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending August 24, 1979

Fuel Cycle Cost Projections

Battelle Pacific Northwest Laboratory submitted a draft of the Fuel Cycle Cost Projection report, which we plan to issue this fall as a NUREG document. This report covers the unit costs and total cost projections for the entire fuel cycle, for the once-through alternative and the recycle alternative.

Study on Disposal of Liquid Scintillation Wastes

Work is continuing on this study. Plans are being made to visit institutions and other facilities involved with scintillation liquids.

Oconee-McGuire Hearing

A draft affidavit supporting the position that specific details of licensee spent fuel transportation protection arrangements, including routing, should continue to be withheld from public disclosure under 10 CFR 2.790(d) has been prepared.

Transient Shipment Rule

The proposed rule amendments for the physical protection of transient shipments has been concurred in by all appropriate NRC Office Directors. The Commission Paper and proposed rule should go to EDO on Friday, August 24, 1979.

Category II Material In Transit

A Commission Paper has been prepared by the SG staff which addresses the Commission concern regarding upgrading physical protection requirements for Category II material to the level of protection currently provided such material by DOE. The paper concludes that there is justification for adopting some additional requirements to approach DOE equivalency, but that some DOE measures are unnecessary. The Paper is presently being circulated for office concurrence.

Upgrade Impact on Non-Power Reactors

As part of the transition activities to transfer reactor safeguards functions to NMSS, representatives of NRR and the Safeguards Division visited several non-power reactor sites to help evaluate the potential impact of Category I Physical Protection Upgrades on these facilities.

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ENCLOSURE D

Nuclear Fuel Services

NMSS and IE personnel met with management representatives of Nuclear Fuel Services, Inc., on August 16, 1979, to discuss concerns relative to NFS' HEU ID behavior at their Erwin plant and those efforts which are needed to improve the situation. NRC emphasized the importance of short-term, specific improvements.

Meeting with DOE Representatives

On August 23, 1979, representatives of the NRC Waste Management Division met informally with representatives of the Waste Management Program of DOE. Principal items of discussion were (1) direction of the NRC Waste Management program and proposed NRC regulations for the disposal of high-level waste, (2) DOE program for obtaining in-situ data for their high-level waste disposal program. NRC WM agreed to formally brief DOE on our high-level waste management program in early October and proposed to begin an active evaluation of the DOE in-situ testing program.

Workshop on the Waste Isolation Safety Assessment Program (WISAP) Task I Release Scenarios

On August 12-15, 1979, WM representatives participated in a workshop on geologic repository evolution scenarios held at Seattle, Washington by Battelle Pacific Northwest Laboratories. The workshop brought together representatives of environmental, industry, academic, and USGS interests to formulate guidance to Battelle (a DOE contractor) on developing scenarios to represent future states of geologic repositories for nuclear wastes.

Trip to Brookhaven National Laboratory by WM and RES Staff

Representatives from Waste Management and the Office of RES visited Brookhaven National Laboratory (BNL) on Wednesday, August 8, 1979, where they met with H. Kouts and others to review ongoing research and technical assistance directors toward low-level waste. This visit also included negotiations for establishing a technical assistance program at BNL which will be concerned with high-level waste form and packaging.

Carey Salt Mines as Retrievable Storage Facility for LLW

A great deal of interest in the application for use of the abandoned Carey Salt Mines as a retrievable storage facility for low-level wastes was shown in the past week. Two newspapers and a radio station in the Kansas area requested information or copies of the application and related materials. The application to the Agreement State of Kansas by Southwest Nuclear Corporation is currently under review. The state has requested technical assistance in licensing the site from NRC and a draft agreement is being considered. NRC's primary assistance will be in the preparation of an environmental assessment of the site. Work on the assessment has not yet begun pending receipt of further information from the applicant.

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OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending August 24, 1979

1. The following Notifications of Significant Enforcement Action were dispatched during the past week:
 - a. EN-79-04A Niagara Mohawk Power Corporation (Nine Mile Point) - An Order Imposing Civil Monetary Penalties in the amount of \$18,000 was issued on August 21, 1979 to the subject licensee. A Notice of Proposed Imposition of Civil Penalties in the same amount was previously issued on June 5, 1979. This action is based on six items of noncompliance related to site security.
 - b. EN-79-09 Nuclear Pharmacy, Inc., Milwaukee, Wisconsin - A Notice of Violation and a Notice of Proposed Imposition of Civil Penalties in the amount of \$24,000 was issued on August 17, 1979 to the subject licensee. This action is based on items of noncompliance related to the procurement of non-pharmaceutical grade xenon-133, not intended for human use, and subsequent distribution of the material for human use.

2. Preliminary Notifications relating to the following actions were dispatched during the past week:
 - a. PNO-79-341A & -341B Crystal River 3 - Reactor Trip Due to Feedwater Oscillation - Two additional reactor trips occurred due to feedwater oscillations. The licensee placed the unit in cold shutdown to take needed corrective action prior to restart. (Closed)
 - b. PNO-79-346 Purolator Company - Mo-99/Tc-99m Generator Package Damaged in Transportation Accident - A package containing 0.725 curies of Mo-99/Tc-99m was lost and subsequently run over by one or more vehicles. Although the package was damaged, the generator showed no contamination. (Closed)
 - c. PNO-79-347 Zion Units 1 & 2 - Simultaneous Trip of Both Operating Units Due to Lightning Strike - On August 17, 1979, both units tripped simultaneously during a severe lightning storm. The licensee concluded that lightning had struck the station inducing a voltage surge on the common grounding system which activated both Unit 1 and Unit 2 negative rate flux trips. (Closed)
 - d. PNO-79-348 Salem Unit 1 - Pipe Supports Fail to Meet Seismic Loading - The licensee reported that an unacceptable rejection rate had been found when comparing existing supports to design loading configurations. The licensee is implementing both short and long term corrective actions. (Closed)
 - e. PNO-79-349 Indian Point Unit 3 - Plant Trip Due to Electrical Short Circuit - The reactor tripped on August 17, 1979 when steam from the turbine gland steam seals apparently condensed upon and shorted electrical circuits which normally cause a reactor trip if a turbine trip occurs. The licensee corrected the problem and restarted the unit. (Closed)

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ENCLOSURE E

- f. PNO-79-350 Browns Ferry Unit 3 - Reactor Scram - On August 17, 1979, instrument technicians inadvertently opened an instrument drain valve which caused a false low water level indication in the reactor. This resulted in a reactor scram. Following evaluation, the reactor was restarted. (Closed)
- g. PNO-79-351 Crystal River Unit 3 - Unplanned Release to Unrestricted Area - Analysis of a composite sample on August 17, 1979, indicated that concentrations of radioactive material in liquid effluents released to unrestricted areas exceeded Technical Specification limits. The area of discharge, although considered an unrestricted area, was located on site and was not accessible to the general public. (Closed)
- h. PNO-79-352 Three Mile Island Units 1 & 2 - False Liquid Discharge High Radioactivity Alarms Received by EPA's Telemetered Composite Monitor - On August 19, 1979, the EPA's pager which receives telemetered information from a composite sampler monitoring liquid releases from the plant alarmed. It was determined that the telemetry system malfunctioned. (Closed)
- i. PNO-79-353 Waterford Unit 3 - Licensee Stop Work Order - On August 17, 1979, the licensee issued a stop work order relating to placement of concrete. (Closed)
- j. PNO-79-354 Arkansas Nuclear One Unit 2 - Overspeed Trip of the Steam Driven Emergency Feedwater Pump - On August 18, 1979, the unit tripped due to a Control Element Assembly Calculator malfunction. Following the reactor trip, the steam driven emergency feedwater pump started on low steam generator level and tripped on overspeed. The plant was restarted and returned to 50% power. (Closed)
- k. PNO-79-355 Sequoyah Unit 2 - Construction Worker Injury - On August 20, 1979, a steamfitter fell 17 feet within a steam generator enclosure. The worker fractured both heels. Radioactive materials were not involved in this occurrence. (Closed)
- l. PNO-79-356 Browns Ferry Unit 3 - Reactor Outage - On August 21, 1979, Unit 3 was shut down to replace the upper guide bearing on the "B" recirculation pump motor. (Closed)
- m. PNO-79-357 Marble Hill Units 1 & 2 - Additional Allegations Provided to News Media Related to U. S. Testing Company - News media reported that an inspector for the U. S. Testing Company alleged that in at least one instance a report he prepared was changed and his signature falsified. (Closed)
- n. PNO-79-358 Three Mile Island Units 1 & 2 - Radioactive Contamination of an Employee - On August 20, 1979, an individual contaminated his trouser knees and subsequently wore the trousers home. The individual's wife, apartment, car and other clothing were surveyed and no contamination was found. (Closed)
- o. PNO-79-359 Surry Units 1 & 2 - Media Interest in the Alleged Theft of Contaminated Tools - The Newport News Times Herald planned to publish a story concerning the theft of possible contaminated tools from the Surry Power Station. Region II (Atlanta) is inquiring into this matter. (Closed)

- p. PNO-79-360 Turkey Point Unit 4 - Unit Outage Due to Excessive Reactor Coolant Pump Vibration - On August 22, 1979, the reactor was shut down due to excessive vibration on a reactor coolant pump motor frame and shaft. (Closed)
- q. PNO-79-361 Crystal River Unit 3 - Unplanned Liquid Release - On August 22, 1979, analysis of a composite sample indicated that concentrations of radioactive material in liquid effluents released to unrestricted areas were 76% of MPC limits. The area of discharge, although considered an unrestricted area, was located on site and was not accessible to the general public. (Closed)
- r. PNO-79-362 Shearon Harris Units 1, 2, 3 & 4 - Industrial Accident - On August 22, 1979, three construction workers were injured when a crane overturned. Two of the workers were hospitalized, one with a broken leg and the other with a broken collarbone. (Closed)
- s. PNO-79-363 Jose T. Medina, M.D., Bayamon, Puerto Rico - Allegation of Radiation Induced Cancers in Three U. S. Postal Employees - The nuclear medicine laboratory licensee is located directly above the U. S. Post Office in Bayamon where the Postmaster recently died of cancer and two other employees who occasionally work there have been diagnosed as having cancer. The licensee has requested NRC to conduct a survey of the facility. A survey by an NRC representative was scheduled for August 24, 1979. (Closed)
- t. PNS-79-90 Mitsui and Company - Non-Radioactive Moisture Leak from One Export Cylinder of Low Enriched UF₆ - The Captain of the Port of Savannah, Georgia refused to permit the loading of a cylinder containing low enriched UF₆ because of water dripping from the condensation "weep hole". DOE responded. (Closed)
- u. PNS-79-91 Summer Unit 1 - Bomb Threat - The licensee evacuated the affected area and conducted a search with negative results. (Closed)
- v. PNS-79-92 Local Ban of Radioactive Shipments Through Garden City, Georgia - Officials of Garden City, Georgia, a northern suburb of Savannah, enacted an ordinance banning the shipment of spent fuel and selected other quantities of radioactive material through Garden City. (Closed)
- w. PNS-79-93 Haddam Neck - Truck Driver Arrested by State Police for Carrying Revolver Without Permit - On August 22, 1979, a truck driver reported to the Haddam neck plant to pick up low level waste. He requested that the security organization temporarily accept custody of his revolver and ammunition. Connecticut State Police were notified and arrested the driver for carrying a revolver without a permit. (Closed)

3. The following IE Bulletins were issued:

- a. IE Bulletin 79-02, Revision 1, Supplement No. 1, "Pipe Support Base Plate Designs Using Concrete Expansion Anchor Bolts," was issued on August 20, 1979 to all power reactor facilities with an operating license.

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ENCLOSURE E

- b. IE Bulletin 79-14 (Supplement), "Seismic Analyses for As-Built Safety-Related Piping Systems," was issued on August 15, 1979 to all power reactor facilities with an operating license or construction permit.
 - c. IE Bulletin 79-21, "Temperature Effects on Level Measurements," was issued on August 13, 1979 to all pressurized water reactor facilities with an operating license.
4. The following IE Circulars were issued:
- a. IE Circular 79-16, "Excessive Radiation Exposures to Members of the General Public and a Radiographer," was issued on August 16, 1979 to all NRC radiography licensees.
 - b. IE Circular 79-17, "Contact Problem in SB-12 Switches on General Electric Metalclad Circuit Breakers," was issued on August 14, 1979 to all power reactor facilities with an operating license or construction permit.
5. The following Information Notice was issued:
- a. IE Information Notice 79-20, "NRC Enforcement Policy - NRC Licensed Individuals," was issued on August 14, 1979 to all research reactor, test reactor and power reactor facilities with an operating license or construction permit, and to all production facility licensees that employ NRC licensed operators.

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ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING AUGUST 24, 1979

INTERNATIONAL COOPERATION

Swedish Safety Committee Visit

On Monday and Tuesday the 12-member Swedish Government Committee on Nuclear Reactor Safety met with NRR, IE, RES, and IP staff members to discuss various aspects of the incident at TMI-2. On Friday, the Committee and their staff visited Three Mile Island for a tour and discussions with NRC and Metropolitan Edison representatives. The Committee, comparable to the Presidential Commission on the Accident at Three Mile Island here in the U.S., was appointed by the Swedish Government to investigate if there are reasons to reevaluate the risks of nuclear power based on the accident at TMI and to determine what actions should be taken to enhance the safety of Swedish nuclear power plants.

Japanese Visit of Electrical and Nuclear Power Workers

On Wednesday, a 13-member team of Japanese electrical and nuclear power workers was briefed by Howard Faulkner, IP, on the responsibilities and functions of NRC.

Testimony on International Matters Before Presidential Commission

On August 22 Joseph Lafleur, IP, Deputy Director, testified before the Presidential Commission on Three Mile Island on August 22 regarding a transient at the Beznau, Switzerland, reactor in 1974 which was similar to the initial stages of the TMI-2 accident and international cooperation in safety information exchange in general.

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ENCLOSURE H

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING AUGUST 24, 1979

State Agreements

The California and New Hampshire radiation control programs will be reviewed during the week of August 27, 1979.

A staff paper recommending approval of the proposed Rhode Island program for a section 274b agreement has been forwarded to the Commission.

Program Development

A meeting was held on August 22-23 to discuss the issues that will be discussed at the State workshops for review of NRC decommissioning policy. SD, SP and Battelle met with the State working group chairmen.

Emergency Preparedness

H. Gaut met with Messrs. Roy Popkin and Robert Vesay of the American National Red Cross to discuss the ARC's involvement in radiological emergency response operations. Mr. Popkin will be sending us a formal offer of ARC participation in the Regional Advisory Committee effort.

SP/EP staff participated in the four Regional Licensee meetings held this week by NRR to commence the process of seeking improved licensee emergency plans by bringing them up to the criteria outlined in Regulatory Guide 1.101 "Emergency Planning for Nuclear Power Plants."

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ENCLOSURE I

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

Week of August 20 - 24, 1979

Abnormal Occurrence

Oyster Creek abnormal occurrence (indication of low water level) sent to SECY for publication in the Federal Register.

Emergency Preparedness

Prepared Commission paper and forwarded report of Task Force on Emergency Planning to the Commission.

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ENCLOSURE J

CALENDAR OF SIGNIFICANT EVENTS

TWO-WEEK PERIOD ENDING SEPTEMBER 10, 1979

August 27 Skagit 1 & 2 - Hearing to resume on safety contentions
except geology/seismology and loose parts monitor

September 6 Susquehanna 1 & 2 - Meeting of intermediate BWR Plant
Owners Group to discuss issues resulting from TMI-2
accident

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ENCLOSURE L

CALENDAR OF SPEAKING ENGAGEMENTS

SEPTEMBER

- September 10-14 IAEA Seminar on Nuclear Law and Safety Regulations in Istanbul Turkey - Howard Shapar - Topics are:
Nuclear Regulation for Reactor Licensing in the USA, Implementation and Development
Radiation Emergency Response Planning, Experience and Perspectives
Nuclear Export Criteria and Control in the USA
- September 12-13 Nuclear Records Management Association Symposium, San Francisco, CA, Two RV Staff personnel to participate on a NRC Panel for two question/answer sessions
- September 16 ANS Topical Conference on Decontamination and Decommissioning of Nuclear Facilities, Sun Valley, Idaho, Residual Activity Limits for Unrestricted Release from Decommissioning - E. Conti

OCTOBER

- October 24-25 Karl R. Goller will participate in a panel discussion on Regulation at the Third International Conference on Energy, Washington, DC

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ENCLOSURE N