

July 17, 1979

For: The Commissioners
From: T. A. Rehm, Assistant to the Executive Director for Operations
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING JULY 13, 1979

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 |
| Calendar of Significant Events | L |
| Items Approved by the Commission | M** |
| Calendar of Speaking Engagements | N |



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

Contact:
T. A. Rehm
49-27781

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

7908080 558

589 028

SUMMARY OF KEY EVENTS
Week Ending July 13, 1979

Big Rock Point

Consumers Power Company (CPC) informed NRC that a U.S. Air Force B-52 made a low level run directly over the plant. This run was in violation of a commitment made by the U.S. Air Force to CPC, and is the first occurrence since 1971. CPC has sent a telegram to DOD requesting adherence to the commitment.

Prairie Island Unit 1

The NRC staff has been notified that the vibration in the turbine generator that caused shutdown of this unit on July 4 resulted in some damage to turbine blades and casing. The licensee expects to restart the unit July 25, 1979.

Pilgrim

The plant was shut down July 11 to repair a leak in a control rod drive return line. It is expected that repair will be completed and the unit will be restarted by July 12.

R.E. Ginna

The plant shut down July 6 for inspection of cracks found in the feedwater pipe and steam generator nozzle welds. New elbows will be installed and the plant will be shut down until about August 6, 1979.

Edwin I. Hatch

The plant tripped off the line July 11 due to generator over excitation and auxiliary differential lockout upon failure (high) of the TG voltage regulator. Repairs are being made to the regulator with the reactor in hot standby. Resumption of plant startup is expected by July 13, 1979.

Fish Kill at Salem 1

At the plant, weakfish were impinged in large numbers on the intake traveling screens. The unit is expected to be on line by August 8. Meanwhile, the staff is kept informed of the daily impingement rate by the utility. Studies of the weakfish population in the plant vicinity are underway to determine the significance of the intake losses.

Ionizing Radiation Agreement

The Interagency Committee on Federal Guidance for Occupational Exposure to Ionizing Radiation reached an agreement on guidance to be proposed for controlling occupational exposure to external sources of radiation.

Mexican Assignee

Leopoldo Nieto from the Mexican National Nuclear Safety and Safeguards Commission will begin a 3-4 week assignment on July 16 with NRR. Mr. Nieto is the first of a small group of Mexican assignees who will be working at NRC on the Laguna Verde Plant SAR over the next few months.

TMI

MPA provided, upon request, the President's Commission with information on TMI.

OFFICE OF ADMINISTRATION

Week Ending July 13, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

| | <u>Initial Request</u> | <u>Appeal of Initial Decision</u> |
|----------|------------------------|-----------------------------------|
| Received | 296 | 20 |
| Granted | 153 | 5 |
| Denied | 50 | 6 |
| Pending | 93 | 9 |

ACTIONS THIS WEEK

Received

Jay Crosby,
Ventura Safe Energy
Policy
(79-248)

Requests information on radioactive material stored at the Naval Air Station at Point Mugu, California.

Anthony Z. Roisman,
Natural Resources
Defense Council, Inc.
(79-249)

Requests the enclosure accompanying a June 19, 1979 memo to the Commissioners from Victor Stello "TMI-2 RADIOLOGICAL SEQUENCE OF EVENTS AS OF JUNE 14, 1979".

Lawrence Walter Skinner,
(79-250)

Requests 12 categories of documents "in order to calculate the radioactive contamination left after an Atomic reactor or other weapons making plants is disintergrated by an Atomic bomb".

Ellyn R. Weiss,
Sheldon, Harmon,
Roisman and Weiss,
on behalf of UCS
(79-251)

Requests assessments prepared by foreign countries in wake of the TMI-2 accident, and recommendations for their own nuclear programs.

Max McDowell,
The Emporia Gazette
(79-252)

Requests all documents between the NRC and Rolland Hamm, NRC consultant, between October 1978 and July 3, 1979.

Citizens for a Non-Nuclear
Future
(79-253)

Requests to be included on NRC's mailing list.

James R. Lande,
Law Offices
(79-254)

Requests the winning proposal for RS-OSD-79-002.

CONTACT: J. M. Felton
492-7211

ENCLOSURE A

589 030

Received, Cont'd

(An NRC employee)
(79-255)

Requests the new Intern Salary Schedule dated October 6, 1978, and other documents pertaining to the salary levels of which interns are hired.

(An individual requesting
information about himself)
(79-256)

Requests documents pertaining to the issuance of his Operator License.

Thomas B. Cochran,
Natural Resources
Defense Council, Inc.
(79-257)

Requests a copy of a letter by Mr. Brighton of April 23, 1979 related to assignments of threat levels for safeguarding fuel facilities and power reactors, and all subsequent correspondence concerning these matters.

Thomas B. Cochran,
Natural Resources
Defense Council, Inc.
(78-258)

Requests a copy of the SAI Study on Safeguards of High Level Waste Repositories, and all subsequent information.

Janice Pydych,
National Evaluation
Systems, Inc.
(79-259)

Requests information of RFP No. RS-OSD-79-002 "Standards for Psychological Assessment of Security Personnel", and a copy of the winning technical proposal.

Thomas B. Cochran,
Natural Resources
Defense Council, Inc.
(79-260)

Requests all information generated or utilized by the Task Force on Safeguards Policy, and any subsequent information relating to the recommendations.

Jane Pisaneschi,
Americans for Nuclear
Energy
(79-261)

Requests a listing of all of NRC's GS-15 employees and above, their job title, and job description.

E. A. Weaver,
Westinghouse Electric
Corporation
(79-262)

Requests a copy of the NRC-Washington contract NRC-03-79-126 "Evaluation of Material Interactions for Advanced Reactor Systems".

Stephen Laudig,
Attorney-At-Law
(79-263)

Requests all documents concerning defects in concrete made during April, May or June 1979 for the Marble Hill Community.

Edward Gogol,
Citizens Against
Nuclear Power
(79-264)

Requests documents relating to the delay in construction of the LaSalle County facilities and/or the construction to be undertaken by Commonwealth Edison Company during this period of time.

Received, Cont'd

Richard J. Conway,
Patton, Boggs & Blow
(79-265)

Requests documents relating to applications of financing institutions for "V-Loan" guarantee agreements.

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

APPEAL TO THE COMMISSION the denial of the "Reed Report" by the ASLBP.

(An NRC employee)
79-A-14-PA-79-18)

APPEAL TO THE EDO denial of documents maintained in the Labor Management and Employee Relations Branch, O&P.

Granted

Weston Vivian,
University of Michigan
(79-138)

In response to a request for a report describing what happened at FERMI 1 in 1966, made available four documents.

Ellyn R. Weiss,
Sheldon, Harmon,
Roisman and Weiss,
on behalf of UCS
(79-147)

In response to a request for documents transmitted by the NRC to the National Security Council in connection with the Three Mile Island incident, informed the requester that the documents were already in the PDR.

John Shniper,
Attorney-At-Law
(79-150)

In response to a request for information relating to the Limerick Nuclear Power Station, informed the requester that the records are located at the LPDR in Pottstown, Pennsylvania.

Michael Burke,
Valley News Dispatch
(79-154)

In response to a request for records relating to the possible theft of more than 200 pounds of highly enriched uranium from the Babcock & Wilcox, Apollo facility, and documents relating to the investigation concerning B&W, made available 13 documents and informed the requester other records regarding the Apollo facility are located in the PDR.

Richard Boggs
(79-171)

In response to a request for information regarding the nuclear power plant at Limerick, Pennsylvania, informed the requester that the information is available at the LPDR in Pottstown, Pennsylvania.

Granted, Cont'd

Jacqueline Abel
(79-195)

In response to a request for documents regarding the transportation of nuclear materials through Southern Illinois, information on the Paducah, Kentucky facility, and the Allied Chemical Company plant in Metropolis, Illinois, made available six documents, and informed the requester the details on the specific package designs for the Allied Chemical Company Corporation are available at the PDR.

Ellyn R. Weiss,
Sheldon, Harmon,
Roisman, and Weiss,
on behalf of UCS
(79-204)

In response to a request for responses to the memorandum of Mr. T. M. Novak dated January 10, 1978, titled "Loop Seals in Pressurizer Surge Line", and other documents discussing issues of loop seals in the Babcock & Wilcox pressurizer surge lines, made available four documents.

John F. Shea,
State of New York
(79-223)

In response to a request for a copy of an accession list for the West Valley plant and the projected cost of perpetual care for other facilities and wastes, made available six documents.

Louis J. DiMento,
NUS Corporation
(79-244)

In response to a request for a copy of the winning proposal in response to NRC-RFP-RS-78-192 entitled "Post Licensing Studies of the Socioeconomic Impacts of Nuclear Power Station Siting", made available a copy of the requested document.

Anthony Z. Roisman,
Natural Resources
Defense Council, Inc.
(79-249)

In response to a request for the enclosure accompanying a June 19, 1979 memo to the Commissioners from Victor Stello "TMI-2 RADIOLOGICAL SEQUENCE OF EVENTS AS OF JUNE 14, 1979, made available this document.

Denied

Thomas B. Cochran,
Natural Resources
Defense Council, Inc.
(79-104)

In response to a request for documents related to the development, manufacture, sale or export of high explosive implosion devices, made available one document and denied one document containing Restricted Data and other National Security Information.

ENCLOSURE A

589 033

Denied, Cont'd

Robert Schakne,
CBS News
(79-182 & 79-197)

In response to a request for the test scores on reactor operators licensed for the Three Mile Island Nuclear Station, denied the names of the reactor operators and the individual reactor operator docket numbers, disclosure of which would be a clearly unwarranted invasion of personal privacy.

Thomas R. Asher,
Matthew B. Bogin,
Attorneys-At-Law
(79-186)

In response to a request for documents regarding export of a reactor and components to the Philippines, denied three documents containing classified information. Informed the requester that other documents subject to the request are located in the PDR.

Troy B. Connor,
Conner, Moore & Corber
(79-213)

In response to a request for a memo dated 3/29/79 from L. Bickwit to the Commission regarding the NECO Order, made available five documents. Denied four documents in their entirety containing advice, opinions, and recommendations of the staff. Denied one document considered an attorney work product prepared for litigation.

DIVISION OF CONTRACTS

Week Ending July 13, 1979

PROPOSALS UNDER EVALUATION

1. RFP RS-NMS-79-025
Title - Radioactive Waste Disposal Classification System Applications, Regulatory Guides, and EIS
Description - The contractor shall first review the Waste Classification System, identifying gaps and/or deficiencies, needed changes, refinements, etc., to the waste classification methodology and data base. The contractor shall then classify wastes by source and prepare a DEIS and FEIS to guide and support development of a proposed waste classification regulation. The contractor shall be prepared to prepare for, and participate in, public hearings to support the work performed.
Period of Performance - One year
Sponsor - Office of Nuclear Material Safety and Safeguards
Status - Commission Action Paper concurrence process started on June 25, 1979.
2. 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 site impacts using the model.
Period of Performance - Twenty months
Sponsor - Office of Nuclear Material Safety and Safeguards
Status - Best and final offers received July 6, 1979.
3. RFP RS-NMS-79-047
Title - Licensing Technical Assistance
Description - Provide technical assistance to the Division of Fuel Cycle and Material Safety for safety and environmental reviews of license applications for the construction, operation or decommissioning of fuel cycle facilities.
Period of Performance - One year
Sponsor - Office of Nuclear Material Safety and Safeguards
Status - Technical proposals sent to Source Evaluation Panel on July 6, 1979.
4. 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 - The Source Selection Panel submitted Evaluation Report on July 11, 1979 with recommendation for the competitive range which will be forwarded in a formal report to the Contracting Officer for final decision.

ENCLOSURE A

589 035

CONTRACT AWARDS

1. RFP RS-OSD-79-010

Title - A Study to Determine the Feasibility of Conducting an Epidemiologic Investigation of the Health Effects of Low-Level Ionizing Radiation

Description - The contractor will be required to define the statistical, technical, and administrative strengths and constraints which are inherent in the conduct of epidemiologic studies on subjects exposed to low-level ionizing radiation. The contractor will also be required to examine the overall value and likelihood of scientific merit of such epidemiologic investigations in light of the aforementioned strengths and constraints.

Period of Performance - Fifteen months

Sponsor - Office of Standards Development

Status - A cost-plus-fixed-fee contract was awarded to Systemedics, Inc., Reading, Mass., on July 2, 1979 in the amount of \$308,000.00

2. RFP RS-NMS-79-031

Title - Licensing Assistance/Tailings Management Program Technical Evaluation

Description - The contractor will provide technical assistance in the evaluation of long-term stability of tailings disposal alternatives.

Period of Performance - Thirty months

Sponsor - Office of Nuclear Material Safety and Safeguards

Status - The following multiple awards have been made:

Basic Ordering Agreements awarded to Geotechnical Engineers, Inc., Winchester, Mass.; Colorado State University, Fort Collins, Colo.; and Fred C. Hart Associates, New York, N. Y., on June 20, 1979, July 3, 1979 and July 9, 1979, respectively. Period of Performance: One year.

Cost reimbursement type contract awarded to Colorado State University, Fort Collins, Colo., in the amount of \$8,172.00 on July 3, 1979. Period of Performance: 7/3/79 - 11/30/79.

3. RFP RS-OSP-79-304

Title - Workshop for State Review of NRC's Policy on Decommissioning of Nuclear Facilities

Description - This requirement was set aside for a minority business under Section 8(a) of the Small Business Act. The contractor shall provide necessary administrative and technical support in the conduct of two workshops on State Review of NRC's Policy on Decommissioning of Nuclear Facilities.

Period of Performance - Seven months

Sponsor - Office of State Programs

Status - A cost-plus-fixed-fee contract was executed on June 8, 1979 with the Small Business Administration and Peer Consultants, Inc., an eligible 8(a) minority concern, in the amount of \$62,931.89.

589 036

ENCLOSURE A

DIVISION OF TECHNICAL INFORMATION AND DOCUMENT CONTROL*

WEEK ENDING JULY 6, 1979

TRANSLATIONS

The following translations were received by the Division of Technical Information and Document Control during the month of June 1979. Copies of these translations will be available in the Library.

French

DMG Report No. 121/78. CEA-EDF Joint Program to Study the Behavior of Defective or Broken Fuel Elements During Normal and Transient Operation. Interim Program Report, J. C. Janvier, Grenoble Center for Nuclear Studies, Grenoble, France. May 1978. 6 pages. Cost of translation: \$40.00. TIDC 573.

German

The Containment Test Facility, BF-RS-50-21-1. (C and D tests). Battelle Institute, Frankfurt, F.R. Germany. October 1978. 121 pages. Cost of translation: \$300.00. TIDC 564.

01.02.21P 02 B. Contribution to the Problem of Intermediate and Long-Term Safety in Final Storage of Radioactive Waste of PWRs and Fast Breeder Reactors. (Primary Report). G. Halbritter, E. Lessmann, E. Korthaus. Department of Applied Systems Analysis, Nuclear Research Center of Karlsruhe, Inc. Karlsruhe, F. R. Germany. December 1978. 21 pages. Cost of translation: \$80.00. TIDC 570.

KfK 2645. Efficient Computation of Three-Dimensional Fluid Structure Interaction in LOCA of a Pressure Water Reactor -- FLUX. Ulrich Schumann. Karlsruhe Nuclear Research Center, Institute for Reactor Development, Nuclear Safety Project. Karlsruhe, F.R. Germany. January 1979. 222 pages. Cost of translation: \$1,000.00. TIDC 574.

Japanese

JAERI-M 7990. Effects of Heat Generation Profile on Fuel Failure Behavior under Reactivity-Initiated Incident Conditions (Enrichment Parameter Test in Nuclear Safety Research Reactor). N. Ohnishi, S. Tanzawa, and T. Kitano. Division of Reactor Safety, Tokai Research Establishment, Japan Atomic Energy Research Institute, Tokai-mura, Japan. 65 pages. Cost of translation: \$760.00. TIDC 547.

JAERI-M 7943. Studies on Pressure Control Systems of BWR Housing Containers and Remaining Problems. Y. Kukita. Division of Reactor Safety, Tokai Research Establishment, Japan Atomic Energy Research Institute, Tokai-mura, Japan. November 1978. 129 pages. Cost of translation: \$1,645.00. TIDC 556.

JAERI-M 7504. Analysis of Short-Term Pressure Response of Mark II Containment due to a Loss-of-Coolant Accident. Division of Reactor Safety, Tokai Research Establishment, Japan Atomic Energy Research Institute. Tokai-mura, Japan. January 1978. 37 pages. Cost of translation: \$495.00. TIDC 555.

NUREG REPORTS:

Number of NUREG reports printed and/or distributed by TIDC in June.

| <u>Report</u> | <u>Quantity</u> |
|------------------------------------|-----------------|
| Draft Environmental Statements | 2 |
| Final Environmental Statements | 0 |
| Safety Evaluation Reports | 1 |
| Environmental Standard Review Plan | 0 |
| Staff Reports | 22 |
| Contractors Report | 66 |
| Conference Proceedings | 1 |
| Board Notification | 3 |
| Standard Review Plan Revisions | 1 |

A listing of these reports is contained in "Title List of Documents Made Publicly Available" (NUREG-0540), issued monthly and available from TIDC.

*This entry deleted from PDR copy

NRC WEEKLY HIGHLIGHTS FOR WEEK ENDING JULY 13, 1979

Brunswick Units Nos. 1 and 2

CP&L informed the staff that two (2) supports on a Unit No. 2 HPCI/RHR 12" steam condensing line had been found to exceed structural support limits under calculated DBE conditions. These supports are in the process of being modified now during a scheduled maintenance outage for a snubber inspection on Unit No. 2. Similar supports on Unit No. 1 were attached differently and were acceptable. Also, two (2) HPCI 1" drain lines on Unit No. 1 and a 1/2" head vent line on Units Nos. 1 and 2 were found to exceed 1.8 Sh (FSAR allowable). CP&L is evaluating modifications to upgrade these lines now.

Point Beach Unit 2

As a result of an inspection conducted on July 2, 1979, cracks have been discovered in feedwater line welds at Point Beach Unit 2. The cracks exist in both ends of a 14" x 16" reducer which joins the feedwater piping to the steam generator nozzle. Repairs are underway. A meeting is scheduled for July 6, 1979 with the NRC staff in Bethesda to discuss the details of the repair program.

Kewaunee

As a result of an inspection conducted during the current refueling outage, cracks have been found in feedwater line welds at Kewaunee, and are being repaired. A meeting was held with the NRC staff on July 3, 1979 to discuss the cracks. The licensee was asked to submit a summary report prior to startup that will include further details about the cracks and repairs, and a commitment to inspect the repairs during the next refueling.

Point Beach 1 and 2

The NRC staff will meet with the International Brotherhood of Electrical Workers, Local #2150 (Point Beach Nuclear Plant) on July 17, 1979 at Labor Hall, Two Rivers, Wisconsin. The purpose of the meeting is to discuss the union's objection to gatehouse security processing of regular plant employees and psychological testing. The union requested the meeting, which was offered by NRC letter of April 13, 1979, which responded to their petition to the Commission to take action on their protest.

Big Rock Point

Consumers Power Company (CPC) informed us on July 6, 1979, that at about 3:30 p.m. on July 5, 1979, a U. S. Air Force B-52 made a low level run directly over the Big Rock Point Plant. This was in violation of a commitment made by the U. S. Air Force to CPC on February 19, 1971, and is the first occurrence since 1971. CPC has sent a telegram to DOD requesting adherence to the commitment. CPC has received an inquiry on this incident from the Office of Senator Levin and press coverage is anticipated.

589 039

ENCLOSURE B

Three Mile Island 1 - Update

Pipe cracks have been found in the Spent Fuel, Decay Heat, Building Spray and Make-up systems of the Three Mile Island Unit 1 facility. The cracks occurred in the weld heat affected zone of Type 304 stainless steel material, initiating on the inside surface of the pipe and appear to be typical intergranular stress corrosion cracking similar to those found in BWR primary system piping and other FWR secondary system piping.

The extent of cracking in these systems has not been determined since examinations have not been completed. However, results to date indicate that the cracking is confined to stagnant fluid lines containing borated water. As of July 5, 1979, 651 pipe welds had been examined by ultrasonic testing and 137 indications of cracks were found. Nine pipe welds had indications of minor leakage.

Six of the crack indications were found in 2-1/2 in. pipe of the High Pressure Injection lines inside containment. These lines are attached to the main coolant pipe and are nonisolable from the main coolant system except for check valves. All of the six cracks were found in two High Pressure Injection lines containing stagnated borated water. No cracks were found in the High Pressure Injection lines which were occasionally flushed during make up operations.

Prairie Island Unit 1

The staff has been notified that the vibration in the turbine generator that caused shutdown of this unit on July 4, 1979 resulted in some damage to turbine blades and casing. The licensee, Northern States Power Company, expects to restart this unit on about July 25, 1979.

Pilgrim (July 11, 1979)

Pilgrim was shutdown at 11:30 this morning to repair a leak in a 3" control rod drive return line. No crack could be seen, but seepage was observed at 6 gallons per day. The leak was not isolable, necessitating shutdown of the line before repair could be made. It is expected that repair will be completed and the unit will be restarted by tomorrow.

R. E. Ginna

R. E. Ginna shutdown July 6, 1979, to inspect the feedwater pipe welds in the vicinity of the steam generators and found cracks. No details available at this time. The plant will be shutdown until about August 6, 1979, to install new elbows where the cracks were reported.

589 040

Edwin I. Hatch

The Edwin I. Hatch (Unit No. 2)¹ Nuclear Plant tripped off the line at 12:03 p.m., July 11, 1979. The plant had been holding at 25% power while conducting HPCI and RCIC tests. There was a momentary undervoltage condition on Hatch's 500 kV line due to a grid disturbance in Florida². Prior to the event Georgia Power Company was supplying about 500 Mw to the Florida grid. The Hatch turbine generator tripped due to Generator over excitation and Auxiliary Differential lockout upon failure (high) of the TG voltage regulator. The reactor plant did not trip because of approximately a 25% load rejection to the main condenser. The facility was later brought to hot standby and generating "hotel" load. There was neither an ECCS trip nor any release of radiation.

Repairs are being made to the turbine generator voltage regulator with the reactor in hot standby. Resumption of plant startup upon completion of repairs and testing is expected late today or early Friday July 13, 1979.

- 1 - Hatch Unit No. 1 is shutdown for refueling.
2 - A 455 mw fossil plant tripped off the line.

Vermont Yankee

At 1600 on July 11, 1979 Vermont Yankee reduced power to 50% in order to replace a malfunctioning tachometer that controls generator output voltage to the "A" recirculation pump. The malfunctioning tachometer was causing variations in reactor power level of less than $\pm 1/2$ %. After replacing the tachometer, reactor power level was increased, and at 0800 today (7/12/79) Vermont Yankee was at 95% power level while preconditioning fuel.

A preliminary notice is in preparation, but no NRC news release is planned. Vermont Yankee plans no news release other than mentioning the incident in the daily recorded telephone message which has been established to inform the public and media of plant activities.

Robinson 2

On June 26, 1979, the ASLB terminated the proceedings on the Robinson power increase. A favorable partial initial decision had already been made on the environmental portion of the combined hearing. An amendment permitting a power increase to 2300 MWT had been held in abeyance pending completion of these proceedings. That amendment was issued on June 29, 1979. The previous power level was 2200 MWT.

589 041

Fish Kill at Salem 1

At Salem Unit 1 weakfish were impinged in large numbers on the intake traveling screens. They were reported impinged at a rate of over 100/min. on July 4, 1979 on one of the six traveling screens (only one pump and screen is operating during the current Unit 1 outage). Young-of-the-year of this fish occasionally occur in large schools in Delaware Bay during the summer months. Impinged fish are returned to the Bay with a reported survival rate of greater than 50%. Adult weakfish are of sport and commercial importance.

Unit 1 is expected to be on line by August 8, 1979. Meanwhile, the staff is kept informed of the daily impingement rate by the utility. Notification is also made to the U.S. EPA and to the States of New Jersey and Delaware in keeping with an NRC and EPA coordinated approach, developed after a similar experience last summer, to collect and review of intake losses. Studies of the weakfish population in the plant vicinity are currently underway with the objective of determining the significance of the intake losses.

A special committee has been established with representatives from the concerned agencies to follow the situation during the summer months and the staff will meet with the licensee, representatives of the regional office of EPA and the States on July 17, 1979 to review the initial reports.

BIWEEKLY STATUS OF SHUTDOWN PLANTS

589 043

ENCLOSURE B

STATUS OF PLANTS SHUTDOWN
FOR OTHER REASONS

| | | |
|---------------------|---|--------------------------------|
| Arkansas 1 | Turbine Problems | No estimate of restart date |
| Big Rock Point 1 | Control Rod Drive Leak | Restart 9/15/79 |
| Dresden 1 | ECCS Modification | Restart 4/80 |
| GINNA | Inspect Feedwater Pipe and Steam Generator Nozzle Welds | Restart 8/1/79 |
| Indian Point 1 | ECCS | Restart ? |
| Indian Point 2 | Refueling | Restart 9/1/79 |
| Kewaunee | Refueling | Restart 7/18/79 |
| Prairie Island 1 | Turbine Problems | Restart 7/25/79 |
| Robinson 2 | Refueling | Restart 7/15/79 |
| Three Mile Island 1 | Order | Restart ? |
| Three Mile Island 2 | Accident | Restart ? |

589 044

ENCLOSURE B

BIWEEKLY STATUS OF SHUTDOWN PLANTS

589 045

ENCLOSURE B

STATUS OF PLANTS SHUTDOWN
FOR OTHER REASONS

| | | |
|---------------------|---|--------------------------------|
| Arkansas 1 | Turbine Problems | No estimate of restart date |
| Big Rock Point 1 | Control Rod Drive Leak | Restart 9/15/79 |
| Dresden 1 | ECCS Modification | Restart 4/80 |
| GINNA | Inspect Feedwater Pipe and Steam Generator Nozzle Welds | Restart 8/1/79 |
| Indian Point 1 | ECCS | Restart ? |
| Indian Point 2 | Refueling | Restart 9/1/79 |
| Kewaunee | Refueling | Restart 7/18/79 |
| Prairie Island 1 | Turbine Problems | Restart 7/25/79 |
| Robinson 2 | Refueling | Restart 7/15/79 |
| Three Mile Island 1 | Order | Restart ? |
| Three Mile Island 2 | Accident | Restart ? |

589 046

"5 Plant Shutdown"

MAINE YANKEE - Restarted 5/24/79

BEAVER VALLEY - Restart 7/21/79

- Problems with feedwater nozzle cracks, anchor bolt testing and seismic modifications
- Analysis nearly complete

FITZPATRICK - Restart early August

- Licensee submittal supporting interim operation due 7/15

SURRY 1 - Restart late August

- Meeting to review completed analysis planned for 7/18

SURRY 2 - Restart in November

- Steam Generator replacement in progress

Other Shutdown Plants

HUMBOLT BAY - Fault near plant

SALEM 1 - Refueling extended to resolve Algebraic Summation problem (IE Bulletin 79-07)

Baseplate/Anchor Bolt Shutdown Plants

HATCH 1 - Restart 8/8

OCONEE 3 - Restart 8/1

CRYSTAL RIVER 3 - Restart 7/14

FARLEY 1 - Restart 7/27

Status of Review of IE Bulletin 79-07 (Algebraic Summation)

- 20 Operating Reactors utilized Algebraic Summation (plus 5 shutdown by show cause orders)
 - 1 Plant refueling outage extended pending reanalysis
 - 3 Plants operating during reanalysis based upon staff evaluation
 - 1 Plant operated 5 weeks to refueling based upon preliminary analysis and meetings with staff
 - 4 Plants reanalysis completed by licensee and under staff review
 - 11 Plants resolved and staff evaluation completed
- 4 Reactors still under construction utilized Algebraic Summation

589 047

FEEDWATER CRACKS PLANTS

I&E BULLETIN 79-13 dtd June 25, 1979

Requirements: Plants with W or CE S/G's complete volumetric exam of FW nozzles within 90 days as follows:

- . RT (supplemented by UT) of all FW nozzle-to-piping welds & adjacent pipe & nozzle areas
 - . If cracking identified, conduct volumetric exam of all FW line welds up to 1st piping support or snubber & high stress pts in containment
 - . Visual exam of FW system supports & snubbers in containment
- All PWR facilities perform following inspection at next outage of sufficient duration or at next refueling outage after inspection reqd above
- . For S/G's w/common nozzle for MFW/AFW conduct volumetric inspection all FW nozzle-to-pipe weld areas & all FW pipe welds inside containment (Includes welds connecting AFW to MFW outside containment)
 - . For S/G's with separate nozzles for MFW/AFW conduct volumetric exam of all welds inside containment & upstream of external ring header or vessel nozzle of each S/G. If external ring header used, inspect all welds of one inle riser on each feed ring of each S/G
 - . Visual exam of all FW system piping supports & snubbers in containment
- If indications found in FW nozzles or piping welds in one unit of a multi-unit facility, other units must be shutdown and inspected unless justification provided for continued operation
- . Report cracking or discontinuities to I&E region within 24 hours
 - . Provide schedule for inspections within 20 days and adequacy of procedures to respond to a FW line accident & methods to detect FW leaks in Containment

STATUS:

Plants Inspected: 18

Plants with Cracks: 11

Plants with cracks evaluated: 3

restarted: 3

Plants with cracks

| Plant | #of nozzles w/indications | # through wall | Cause | NRC labs with Analysis samples |
|-------------------|---------------------------|----------------|----------------------------|--------------------------------|
| Cook 1/2 | 8 of 8 | 2 | corrosion assisted fatigue | BNL |
| Kewaunee | 2 of 2 | - | " | BNL |
| Salem 1 | 4 of 4 | - | unknown | |
| Robinson 2 | 3 of 3 | - | corrosion assisted fatigue | |
| Beaver valley One | 3 of 3 | - | " | |
| San Onofre | 3 of 3 | - | stress assisted corrosion | BNL |
| Pt Beach 2 | 2 of 2 | - | " | |
| Surry 1/2 | 6 of 6 | - | unknown | |
| North Anna 2 | 1 of 3 | - | unknown | |

589 048

ENCLOSURE B

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING JULY 13, 1979

1. Ralph Jones and Don Hopkins met with representatives of NMSS, I&E and the Department of Transportation to discuss the actions to be taken in response to the edict of the three Governors in whose states there are low level waste burial sites. It appears that the best approach is to amend NRC regulations to bring those licensees shipping these wastes under the NRC regulations. They are now exempt from NRC control if they are subject to DOT regulations. This would permit NRC inspection and enforcement of the DOT standards to satisfy the Governors' concerns. Further SD action is dependent on NMSS and DOT responses and decisions.

[Ralph Jones]

2. Interagency Committee on Federal Guidance for Occupational Exposure to Ionizing Radiation - Meeting, July 6, 1979: The Interagency Committee on Federal Guidance for Occupational Exposure to Ionizing Radiation met on July 6, 1979, in an attempt to reach an agreement on a method for calculating occupational limits on the concentration of radionuclides in air (presently called Maximum Permissible Concentrations or MPC) to be called Derived Air Concentrations or DACs, in the new guidance. Agreement on this guidance is needed to permit EPA, OSHA, and NRC to move ahead with plans for a joint hearing on the adequacy of present standards for occupational radiation protection. Agreement was reached last week on guidance to be proposed for controlling occupational exposure to external sources of radiation.

[R. E. Alexander]

Regulatory Guides to be Issued in the Near Future

Title: Calibration of Air Sampling Devices for Total Volume of Air Sampled

Expected Issuance Date: August 1979

Description: This guide identifies acceptable methods for calibrating air sampling devices for total volume of air sampled. It specifies a 6 month frequency of calibration, an accuracy to within 10% and appropriate documentation requirements.

Contact: A. Roecklein
443-5970

589 049

ENCLOSURE C

Title: SRP Section 9.2.2 - Reactor Auxiliary Cooling Water Systems

Expected Issuance Date: September 1979

Description: This SRP section contains the review requirements for reactor auxiliary cooling water systems.

Contact: S. D. Richardson
443-5913

589 050

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending July 13, 1979

US/IAEA Safeguards Agreement

At the ratification hearings on June 22, the Senate Foreign Relations Committee staff provided the Executive Branch a list of questions and asked that answers be submitted for the record. Also during the course of the hearings, the Executive Branch submitted for the record their response to the questions raised in the analysis of the US/IAEA Safeguards Agreement which was performed by the Congressional Research Service (CRS). Mr. Paul Morrow has been working with other NRC offices and the Executive Branch in drafting responses to the hearing questions and in revising the text of the Executive Branch response to the CRS questions.

U.S. Safeguards Training Course

Messrs. Partlow and Wirfs attended a DOE/NRC steering group meeting on July 9 at Germantown to review a proposed action plan and course syllabus for developing and instituting a U.S. training course on state systems of accounting and control for foreign countries. The course is to be offered in response to the requirements of Section 202 of the NNPA whereby DOE, in consultation with NRC, is required to establish and operate a training program in safeguards and physical security. In addition to representation on the steering group, DOE is now requesting that NRC provide two members to participate in a working group that is to be established to work with LASL in the implementation of this program.

Local Ordinances to Restrict Nuclear Shipments

We are responding to a number of letters from officials of local governments and public interest groups who are considering supporting local ordinances to restrict nuclear shipments through their respective localities.

589 051
ENCLOSURE D

Meeting with Representatives Railsback and O'Brien

Representatives Railsback and O'Brien, both of Illinois, requested an informal NRC staff briefing. Waste Management staff attended the briefing on June 21, 1979 to answer questions about the current status of the Sheffield, Illinois low-level waste disposal site. No follow-up is required.

Energy Committee of the National Conference of State Legislatures (NCSL)

The Division of Waste Management will send a representative to address the NCSL Annual Meeting in San Francisco on July 24, 1979. The Energy Committee will be proposing to the NCSL a policy on nuclear waste management. NMSS/WM will address the licensing process for HLW repositories as presently conceived by the staff and means for state participation.

589 052

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending July 13, 1979

1. The following Notifications of Significant Enforcement Action were dispatched during the past week:
 - a. EN-79-03A Twin City Testing and Engineering Laboratory, Inc., St. Paul, Minnesota - An Order Imposing Civil Penalties in the amount of \$2,500 was issued to the subject licensee on July 12, 1979, based on two alleged items of noncompliance.
 - b. FN-79-05 United Nuclear Corporation, Wood River Junction, RI - A Notice of Violation and a Notice of Proposed Imposition of Civil Penalties in the amount of \$15,750 will be issued to the subject licensee. This action is based on nine alleged items of noncompliance and involved the failure of the licensee to fully implement the required physical security and material control and accounting programs.

2. Preliminary Notifications relating to the following actions were dispatched during the past week:
 - a. PNO-79-67AW Three Mile Island Unit 2 - Updated Status Report - This Preliminary Notification was issued to provide updated status information.
 - b. PNO-79-181B Three Mile Island Unit 1 - Pipe Cracks in Stagnant Borated Water Systems (Update) - This Preliminary Notification was issued to provide information on additional inspections and tests made by the licensee. (Closed)
 - c. PNO-79-182A Marble Hill Unit 1 & 2 - Alleged Cover-up of Non-conforming Concrete Consolidation Repair Deficiencies - This Preliminary Notification was issued to provide updated status information. (Closed)
 - d. PNO-79-215A Duane Arnold - IE Bulletin No. 79-02, Revision 1, "Pipe Support Base Plate Designs Using Concrete Expansion Anchor Bolts" - Preliminary Test Results - This Preliminary Notification was issued to update a previous notification on the same topic. (Closed)
 - e. PNO-79-222 Salem Unit 1 - Increase in Fish Impingement - Impingement rates for young of the year weakfish (*Cynoscion regalis*) increased from less than 5-6 per minute during June, 1979, to a maximum observed level of 172 per minute @ 1245 hrs on July 4, 1979. Salem 1 is down for refueling and only a single circulation water pump is in operation. Approximately 60% of the weakfish are returned alive to the Delaware River. (Closed)

589 053

ENCLOSURE E

- f. PNO-79-223 The University of Michigan, Ann Arbor, Michigan - Xe-133 Release to the Public and Unauthorized Burial of Iodine-125 - Two events were reported: (1) a release to the unrestricted area on April 10, 1979, of 4.6 millicuries of xenon-133 - no member of the public was in the area at the time; and (2) the disposal on May 25, 1979, of 5 to 10 millicuries of iodine-125 in a properly labeled waste drum to normal trash. The Region plans to conduct a special inspection. (Closed)
- g. PNO-79-224 Oconee Unit 1 - Unplanned Radioactive Release - A liquid radioactivity release to Lake Keowee occurred on July 7, 1979, when an operator erroneously valved the secondary side of the Low Pressure Injection heat exchanger A to the service water radiation monitor line. Maximum permissible concentrations were not exceeded. The principal isotope was cobalt-58. (Closed)
- h. PNO-79-225 Browns Ferry Unit 1 - Inadvertent Release of Low Level Activity - During routine surveillance testing on July 6, 1979, a Residual Heat Removal system service water alarm indicated a radioactive release from Unit 1. The RHR heat exchanger was promptly isolated and a hydrostatic test of the heat exchanger showed no leaks. Subsequent evaluation indicated that the activity was from a primary to service water leak which had occurred about 2 years ago. The former leak apparently deposited low level activity in the service water side of the heat exchanger which is periodically released due to changes in heat exchanger operation. (Closed)
- i. PNO-79-226 Jamesport Unit 1 & 2 - Fatal Accident on Site - On July 6, 1979, a crop duster helicopter hit a guy wire for the meteorological tower, killing the pilot. The tower was not seriously damaged. (Closed)
- j. PNO-79-227 Grand Gulf Unit 1 - Fire in Unit 1 Containment Building - On July 9, 1979, a fire occurred near the Unit 1 installed reactor vessel which was caused by acetylene leakage from a welder's hose coming into contact with a grinding motor. Damage was minimal. The plant is under construction and there is no nuclear fuel on-site. An IE inspector is on-site and will review the licensee's action. (Closed)
- k. PNO-79-228 Davis-Besse Unit 1 - Davis-Besse 1 Startup Following Extended Shutdown - Davis-Besse Unit 1 resumed operation at 5:58 a.m. on July 11, 1979. There were no unusual events or occurrences associated with the startup. The unit had been shutdown since March 30, 1979. (Closed)
- l. PNO-79-229 R. E. Ginna Unit 1 - Cracks in Steam Generator Feed Water Piping - Ultrasonic and radiographic examination of both ("A" and "B") steam generator feedwater nozzle-to-pipe welds have revealed cracking in the base material of the 90 degree elbow which attaches to the feedwater nozzle. The crack indications are estimated to be 1/32 - 1/16 inch in depth originating from the inside surface of the elbow. The licensee is in the process of continuing to examine the remainder of the feedwater piping welds inside the reactor containment. The plant will be out-of-service for at least three weeks. (Closed)

- m. PNO-79-230 Pilgrim Unit 1 - Crack in Weld on CRD Return Line - During routine maintenance in the steam tunnel (outside of the primary containment) on July 10, 1979, personnel noted water dripping from piping insulation (lagging) around the 3 inch Control Rod Drive return line. The lagging was removed and visual examination revealed a through-wall leak in the downstream weld on the isolation valve in the 3" return line. The leak is not isolable and is reportedly leaking at the rate of 4-5 cups per hour. Reactor shutdown for repair began during the morning of July 11, 1979. (Closed)
- n. PNO-79-231 Arkansas Nuclear One Unit 1 - ANO Unit 1 Turbine Vibrations - On July 10, 1979, Unit 1 was shutdown at 6:52 a.m. from 21% power due to abnormal turbine vibrations. The initial investigation has not revealed the source of the vibrations. The licensee estimates that the plant shutdown could be up to three weeks. (Closed)
- o. PNO-79-232 Three Mile Island Unit 2 - Discovery of Airborne Beta Activity in the Auxiliary and Fuel Handling Building - On July 4, 1979, the licensee contractor determined that a filter paper from a portable air sampler in the Fuel Handling Building had radiation levels of 1.2 Rad per hour on contact with a portable radiation survey meter. NRC inspectors initiated confirmatory measurements and verified that high beta activity was present in the Auxiliary and Fuel Handling Building. Records show that approximately 97 individuals entered the subject area during the period of high airborne activity, wearing as a minimum, full protective anti-C clothing and full face respirators. Urine, fecal and whole body counting analyses of selected individuals who entered the area will be conducted. Further evaluation and follow-up by the licensee and NRC are in progress. (Open)
- p. PNO-79-233 Hartsville Unit A-1 - Non-nuclear Injury of Construction Worker - On July 11, 1979, an iron worker fell 6 to 8 feet from the reinforcement steel structure of the containment shield wall. Preliminary medical evaluation indicates a possibly fractured thigh. (Closed)
- q. PNO-79-234 Vermont Yankee - Erratic Behavior of Recirculation Pump - At about 3:15 p.m. on July 11, 1979, erratic speed on Recirculation Pump "A" was noted which caused changes in core flow with resultant changes in the reactor power level of less than 1/2 percent. The reactor was operating at 98 percent power. The problem was found to be variations in the Motor-Generator Set generator output voltage caused by the M-G Set tachometer. The tachometer was replaced and the plant was back to 95 percent power by 8:00 a.m. July 12, 1979. (Closed)
- r. PNO-79-235 Crystal River Unit 3 - Outage Extended by Reactor Coolant Pump Seal Problems - Plant startup has been delayed at least two weeks due to problems with reactor coolant pump seals that were replaced during the current refueling outage. The licensee plans to remove the seals and effect repair onsite. Plant startup will be delayed until at least July 26. (Closed)

- s. PNO-79-236 D. C. Cook Unit 1 - Reactor Coolant Pumps - Excessive Seal Leakage - On July 9, 1979, while performing low power physics testing, excessive reactor coolant pump seal leakage was experienced on pumps 3 and 4. Following the completion of the low power physics testing on July 10, the licensee attempted to reseal the seals by varying the differential pressure across the seal faces (Westinghouse procedure) which was unsuccessful. Even though the seal leakage did not exceed the TechSpec limit, the licensee has elected to return to cold shutdown to examine and/or replace these seals. This is expected to require 2 to 3 days for completion. (Closed)
- t. PNO-79-237 Point Beach Unit 2 - Discovery that Auxiliary Feedwater Line to Main Feedwater Line Connection was not Originally Fabricated to B31.1 Code Requirements - During repair activities it was confirmed by inspection and calculations that the branch connection of the incoming 3" auxiliary feed line to the 16" main line was not fabricated per design specifications and Piping Code B31.1 requirements. Although no problems have been noted during approximately eight years of operation, the licensee will perform modifications to the 3" connection, during the present outage, to meet B31.1 requirements. An examination and correction of the same 3" connection on Unit 1 which is operating at full power is scheduled after Unit 2 returns to service. (Closed)
- u. PNO-79-238 Three Mile Island Unit 2 - Small Fire in Control Room Radiation Monitor Readout Panel - At 7:40 a.m. on July 12, a small fire occurred in the radiation monitoring readout panel for the auxiliary building waste gas system monitor. The fire was extinguished immediately, however, the readout panel's circuit boards sustained substantial damage and were replaced on July 12. The cause is suspected to be an overheated resistor. (Closed)
- v. PNO-79-239 Trojan - Oregon Legislature Passes Bill Authorizing Full Time State Inspector at Trojan Nuclear Plant - Both houses of the Oregon Legislature have passed a bill which authorizes the Oregon Department of Energy to assign a full time engineer/inspector at the Trojan Nuclear Plant. It is expected, if the bill is approved by the Governor, that an individual will be assigned within approximately 6 months. (Closed)
- w. PNO-79-240 Wolf Creek Unit 1 - Contamination of Safety Related Stainless Steel Piping - A construction deficiency occurred in which safety related stainless steel piping was splattered with fire proofing material which contained a chloride contaminant. The fire proofing material, "Duraspray," is a magnesium oxychloride and is sprayed on bare carbon steel structural members as a fire proofing coating. During the spraying application, the material splattered onto uninstalled safety related stainless steel piping. Duraspray actively corrodes, upon contact, bare stainless steel, copper and aluminum. The A/E (Bechtel) is evaluating the effect of the material on the piping and is formulating a procedure for removal of the material. (Closed)

- x. PNS-79-72 Surry Unit 1 & 2 - Damage to New Fuel Assemblies - A preliminary hearing is scheduled for July 12 at the Surry County Court House for two former VEPCO employees who have admitted their role in damaging new fuel assemblies. State criminal charges have been lodged for willful damage (misdemeanor), breaking and entering with intent to damage electric facilities (felony), and willful destruction of utility company equipment (felony). (Closed)
 - y. PNS-79-73 Nuclear Fuel Services, Inc., Erwin, Tennessee - Arrest of Union Members During Operators Strike - At 8:20 a.m. on July 11, approximately 120 union members were arrested without incident at the plant entrance by State and County officials for not complying with a Restraining Order issued by the State Circuit Court Judge which limited picketing to no closer than 500 yards of the plant entrance. The strike continues, however, all arrested union members were released on July 11 after posting bail or on personal recognizance. NRC Region II inspectors on site to assist the Resident Inspector. (Open)
 - z. PNS-79-74 Pilgrim Unit 1 - Breach of Security - A radwaste shipment truck arrived at the site at 7:20 a.m. on July 11 and was searched and checked for contamination and authorized entry into the protected area. Later the 15 year old nephew of the driver was discovered asleep in the cab of the truck and was taken to the guard house under escort. The maximum possible dosage to the 15 year old was estimated to be 4 mr. Disciplinary action was taken against the guard and the truck driver was disqualified by the licensee as a qualified hauler. NRC inspectors in the vicinity were dispatched to the site to review causes and corrective action taken. (Closed)
 - aa. PNS-79-75 Nuclear Fuel Services, Inc., Erwin, Tennessee - Arrest of Union Members During Operators Strike - This Preliminary Notification updates PNS-79-73. The restraining order has been relaxed and it now permits two union members to picket at the plant entrance. The IE Resident Inspector assisted by three Safeguards Inspectors continue to monitor plant operations and security on all shifts. (Open)
 - bb. PNS-79-76 Wolf Creek Unit 1 - Bomb Threat - At 6:32 a.m. on July 12, 1979, a bomb threat was received by phone by the Daniel International Corporation security guard at the Main Gate. Workers were not permitted to enter the plant until a search was made of each work area. Nothing was found. (Closed)
3. IE Bulletin No. 79-15, "Deep Draft Pump Deficiencies," was issued on July 11, 1979, to all power reactor licensees with a construction permit and/or operating license.

589 057

OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

FOR THE WEEK ENDING JULY 13, 1979

Skagit Nuclear Power Project, Units 1 and 2

On July 9, the Appeal Board issued a Memorandum and Order (ALAB-552), in which it determined that certain Indian tribes had failed to set forth adequate good cause why their petition to intervene was untimely. The Appeal Board ruled that in the instance of a very late petition, the strength or weakness of the justification for the delay may prove crucial, since the greater the tardiness the greater the likelihood that the addition of a new party will delay the proceeding. The Appeal Board indicated that while the delay factor may not be conclusive in determining whether a petition will be denied, it is an especially weighty one. However, the Appeal Board exercised discretion to permit the Indian tribes to file a supplemental memorandum to attempt to cure the defects in their argument that they were furnished erroneous information by the NRC or the Department of the Interior on matters of basic fact and that it was reliance on that information which prompted Petitioners' inaction until the time that they filed their petition.

St. Lucie Nuclear Power Plant, Unit 2

On July 11, the Appeal Board issued a Memorandum and Order (ALAB-553) granting the Staff's motion for an extension of time in answering the Board's inquiry concerning the matter of the stability of the Applicant's electrical grid and the adequacy of the facilities' emergency power systems generally. Staff's response was originally due May 21, 1979. It was extended until May 22, 1979, because of unavailability of technical staff due to the Three Mile Island commitment. ALAB-553 granted additional time to September 21, 1979 for the same reason. In addition, the Appeal Board called the matter to the attention of the Commission for any action which the Commission deemed appropriate.

Hartsville Nuclear Power Plant, Units 1A, 2A, 1B, 2B

In a Decision (ALAB-554) dated July 11, the Appeal Board: (1) vacated the Licensing Board's grant of summary disposition because such a grant was made after the development of the evidentiary record and was inappropriate; (2) granted judgment on the issue of operational effects of the proposed plant on the rare and endangered specie Lampsilis orbiculata because a biological opinion had been obtained from the Department of Interior; and (3) deferred a decision on the issue of the effects of construction activities on the Lampsilis orbiculata pending presentation of supplemental memoranda by the Applicant and the Staff concerning the acceptable standard for sedimentation levels during construction.

ENCLOSURE G

589 058

North Anna Nuclear Power Station, Units 1 and 2

In granting a request by Westinghouse for a protective order regarding documents claimed by it to be proprietary information, the Appeal Board on July 13 (ALAB-555) noted that (1) an affiant claiming entitlement to a protective order (in accordance with the criteria set out in Kansas Gas and Electric Company (Wolf Creek Nuclear Generating Station, Unit 1, ALAB-327) must explain the basis for his knowledge on the essential matters to which he has attested, and (2) while a rule of reason must be applied, it is not unreasonable to insist that a witness testifying to the results of a performed analysis upon which the outcome on a clearly defined and substantial safety or environmental issue may hinge must make available (either in his prepared testimony or on the stand) sufficient information pertaining to the details of the analysis to permit the correctness of the conclusion of the witness to be evaluated by the decision-maker as well as other litigants.

ENCLOSURE G

589 059

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING JULY 13, 1979

INTERNATIONAL COOPERATION

Mexican Assignee

Leopoldo Nieto from the Mexican National Nuclear Safety and Safeguards Commission (CNSNS) will begin a 3-4 week assignment on July 16 in the Structural Engineering Branch, NRR. Mr. Nieto is the first of a small group of Mexican assignees who will be coming to NRC to work on different sections of the Laguna Verde Plant SAR over the next few months.

Proposed Arrangement Extensions

IP is preparing letters to France and Japan proposing 5-year extensions of our bilateral regulatory information exchange arrangements, which had expired on June 23 and May 30 respectively because of now-resolved questions about whether and how to incorporate nonproliferation language into NRC's international agreements. Similar letters will be sent to Spain, Sweden, and Switzerland (all due to expire by year's end) within the next few weeks.

Foreign Report Received

Two sets, 6 volumes each, of the Environmental Report for the Philippine Nuclear Power Plant Unit 1 have been received. One set is being made available to the Commissioners and their staff through the Secretary. The other set will remain in IP for use by other staff offices and for public use until it is placed in the Public Document Room.

IAEA Technical Assistance Assignment

William A. bert, Region V, began a one-year IAEA assistance assignment in Manila, Philippines. Albert will be advising the Philippines Atomic Energy Commission (PAEC) on Q.A. and structural engineering.

* IAEA Visit

Dr. Sigvard Eklund, Director General of the International Atomic Energy Agency, will visit Chairman Hendrie on Thursday, July 19 at 5:00 p.m.

589 060

ENCLOSURE H

EXPORT/IMPORT AND INTERNATIONAL SAFEGUARDS

Pacific Basin Spent Fuel Storage Study Group

On July 13 IP and NMSS representatives attended at State Department a meeting of the "Pacific Basin Spent Fuel Storage" Study Group which was chaired by Marvin Moss (DOE) and Dick Scribner (State). The meeting was called to clean up some unresolved issues prior to commencement of discussions with Japan regarding potential storage sites for spent fuel in the Pacific. (The Commission may recall that the South Pacific Forum meeting held in Honiara July 9-11 condemned any move to use the Pacific as a dumping group for nuclear waste.) NRC was requested to lend assistance in reviewing the recently issued draft study report for safeguards logic, licensing considerations and other pertinent regulatory issues. Other agencies present included State, ACDA, USGS, DOE, and Interior.

1980 and 1981 Funding for RERTR (Reduction of Enrichment of Research and Test Reactors)

On July 14 IP attended a meeting at DOE, chaired by John Deutch, on the subject of 1980 and 1981 RERTR funding. The principal issue related to DOE's request to keep the project funded at the present \$5 million/year level, excluding the \$1 million/year SSOD funds that are currently lumped by OMB into DOE's \$5 M budget. Since the spending of SSOD dollars is constrained by law to specific tasks (e.g., foreign demonstration projects), thereby depriving DOE of its program management flexibility, DOE prefers to have the SSOD funds transferred to State's IO budget (International Organizations). In this they were supported by Lou Nosenzo, who promised to push for this transfer. Presently projected reactor conversion schedules are not expected to be affected by the above switch of funds.

589 061

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING JULY 13, 1979

State Agreements

The North Carolina radiation control program will be reviewed during the week of July 16.

Program Development

Indiana State Representative William Drozda will meet with representatives of SP and NRC on 7/13 to discuss the Marble Hill and Bailly plants.

Material on the economics of nuclear power was provided for the record to an Arizona legislative committee on the Palo Verde Plant. The hearing was held on July 6.

On Friday evening, June 29, Thomas C. Elsasser accompanied Commissioner Gilinsky to a public meeting conducted by Congressman Allen Ertel in Middletown, Pa. to assist in answering public inquiries regarding the Three Mile Island site.

On Friday, July 6, Andy Robart, Region V SLO attended the second in a five part series of hearings in Phoenix conducted by the Arizona House of Representatives Special Interim Committee on Atomic Energy. The agenda for this particular hearing was taken up by various utility witnesses explaining the need for and role of nuclear energy in Arizona. Other witnesses included Dr. Harold Lewis; Commissioner Ron Doctor, California Energy Commission; David Mastbaum, Environmental Defense Fund and Bruce Meyerson, Arizona Center for Law and the Public Interest. Two general legislative concerns were frequently voiced; water needs to generate electricity and power exports to California. The NRC has been asked to provide assistance on future hearings to be held in September on the subjects of Accident Prevention, Accident Response and the relationship of Three Mile Island to the Palo Verde Nuclear Power Plant.

On July 8 and 9, Thomas C. Elsasser accompanied Commissioner Gilinsky to the National Governors' Conference in Louisville, Kentucky.

On July 11, Thomas C. Elsasser attended two meetings in Harrisburg, Pa. The first was between the Pennsylvania Office of Planning and Development and various offices of NRC and our consultant to discuss a research contract dealing with the Socioeconomic Impacts of Nuclear Power Plant Siting, specifically the impact of the incident at TMI. Messrs. Gaut and Elsasser attended meeting in the FEMA offices, the purpose of which was to gain a factual account of various aspects of the TMI incident with particular emphasis on State emergency response.

589 062

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

Week Ending - July 13, 1979

TMI

Provided President's Commission with massive amounts of information. Their requests included examples such as (1) the name and job description of all NRC employees who charged time to TMI-2 docket since 1968; (2) listings of accidents, incidents, and events at nuclear power plants over the last 25-30 years; (3) briefings on MPA's role in the LER and NPRDS programs.

Surrey PAO

Briefed Commissioner Gilinsky on the proposed abnormal occurrence report involving the VEPCO employees who poured sodium hydroxide on new fuel elements.

589 063

ENCLOSURE J

Office of the Controller

Items of Interest

Week Ending July 13, 1979

FY 1979 Reprogramming

The staffs of the House Appropriations Committee and Senate Authorization Committee were briefed on reprogramming paper #3.

FY 1981 Budget

The BRG recommendations were submitted to the EDO with copies to the Commission and affected offices.

589 064

FORECASTED EVENTS

TWO-WEEK PERIOD ENDING JULY 28, 1979

July 16, 1979

Susquehanna 1 & 2

Meeting with Mark II owners
to discuss the chugging loads
program and the Susquehanna
condensation oscillation test
program.

589 065

ENCLOSURE L

ITEMS APPROVED BY THE COMMISSION - RECEIVED WEEK ENDING JULY 13, 1979

A. SECY-79-95A - NON-PROLIFERATION LANGUAGE IN NRC INTERNATIONAL AGREEMENTS
(Commissioner Action Item) (Memo, Hoyle to Gossick dated 7/5/79)

This is to advise you that the Commission (with three Commissioners concurring, Chairman Hendrie non-concurred and noted without objection in part, Commissioner Kennedy noted without objection) concurs with the staff's adoption of Option 2 as presented in the subject paper.

The Chairman in his response non-concurred with Item a) and noted without objection Items b), c)2, c)3 and c)4, of Option 2.

The staff is requested to proceed as appropriate to use the approved non-proliferation language in NRC's international agreements.

B. SECY-79-384 - NRC SYSTEMATIC REVIEW GUIDELINES FOR NATIONAL SECURITY
INFORMATION (Commissioner Action Item) (Memo, Hoyle to Gossick dated 7/5/79)

This is to advise you that the Commission (with all Commissioners concurring) approved the recommendations made in the subject paper.

The proposed letter to the Archivist is approved, and should be prepared for the Chairman's signature, with enclosure. All other recommendations are also approved and should be implemented.

C. SECY-A-79-38 - DIRECTOR'S DENIAL OF 2.206 RELIEF (MATTER OF GEORGIA POWER
COMPANY (Commissioner Action Item) (Memo, Hoyle to Bickwit dated 7/6/79)

We have been informed by your office that the petitioners in this matter, Georgians Against Nuclear Energy (GNAE), have filed a supplement to their original petition, which is now being reviewed by NRR. It is also our understanding that further Commissioner action on this subject should be held in abeyance until the Director, NRR, has decided on the supplemental request for enforcement action and your office has reviewed that decision.

This paper is therefore being withdrawn from further consideration by the Commission.

589 066

D. STAFF REQUIREMENTS - COMMISSION MEETING ON APPLICATION OF PRICE-ANDERSON TO TMI, 2:15 P.M., THURSDAY, JULY 5, 1979, COMMISSIONERS' CONFERENCE ROOM, D.C. OFFICE (Open to Public Attendance) (Memo, Hoyle to Bickwit, Gossick and Fouchard dtd 7/6/79)

The Commission* discussed the Price-Anderson Act aspects of the Three Mile Island incident.

The Commission, by a vote of 3-1**:

- a. Approved the publication of the proposed Federal Register Notice, as revised in the meeting, with an accompanying explanatory section incorporating sections from pages 1-24 of the July 2, 1979 OGC/ELD memorandum; (OGC/ELD/NRR) (SECY Suspense: July 19, 1979)
- b. Requested that citizens in the Harrisburg area be informed of their opportunity to submit information relevant to the Commission's determination of an extraordinary nuclear occurrence. (OPA) (SECY Suspense: July 19, 1979)

* Commissioner Bradford was not in attendance.

**Commissioner Ahearne voted against the proposal.

E. SECY-79-370 - PROPOSED MODIFICATION OF TRI-PARTY CONTRACT NO. NRC-04-77-127, WESTINGHOUSE ELECTRIC CORPORATION/ELECTRIC POWER RESEARCH INSTITUTE/NUCLEAR REGULATORY COMMISSION (Commissioner Action Item) (Memo, Hoyle to Gossick dated 7/6/79)

This is to advise you that the Commission (with four Commissioners concurring, Commissioner Gilinsky non-concurred) approves the contract change.

In his concurrence Commissioner Bradford commented:

"While I approve the contract modification requested, I have some questions concerning whether this multi-million dollar contract is being well managed.

First, why did the original project design include the single rod apparatus? Was this reviewed and approved by NRC? If so who reviewed and approved it and on what basis? Second, when was the decision made to authorize the contractor to use funds allocated for the proposed single rod apparatus for redesign and fabrication efforts for the twenty-one rod bundle design? Third, when did the staff recognize that this change might require Commission approval? Are there any other possible changes for this research program which might require Commission approval?"

Commissioner Ahearne commented in his concurrence:

"I note that funds have already been committed for the design and the cost would be higher than the original estimate. In the future, I recommend that major design or cost changes requiring Commission approval be submitted to the Commissioners prior to committing funds."

This comment has been supported by the other Commissioners. However, Chairman Hendrie indicated that he felt that the staff had acted responsibly in this case.

In his non-concurrence Commissioner Gilinsky commented:

"I do not like these NRC-vendor joint research arrangements to study the safety of the vendor's equipment. Further increases beyond the original contract terms should be paid by the industrial organizations."

The staff is requested to:

- 1) Proceed with the implementation of the contract. (ADM)
- 2) Respond to Commissioner Bradford's questions. (RES)
(SECY Suspense 7/20/79)
- 3) Submit to the Commission for approval major design or cost changes in research programs prior to committing funds. (RES(ADM))

F. SECY-79-361 - NRC ACTION ON NARM TASK FORCE RECOMMENDATION (MEMO CHILK TO GOSSICK DATED MAY 10, 1979) (Commissioner Action Item) (Memo, Chilk to Gossick dated 7/12/79)

This is to advise you that the Commission (with all Commissioners concurring) has approved the proposed letter on NARM to appropriate Federal agencies, State Governors, Congressional Committees and the Conference of Radiation Control Program Directors, Inc., subject to modifications as indicated in the attachments.

The staff is requested to prepare these letters for the Chairman's signature. (SECY Suspense 7/27/79) (Attachment not included)

G. SECY-79-294 - REDUCTION OF RADIOGRAPHY OVEREXPOSURES (Consent Calendar Item) (Memo, Chilk to Gossick dated 7/12/79)

The Commission has been advised that the intent of the modifications to SECY-79-294 which were approved by the Commission at Affirmation Session 79-17 on June 14, 1979, can, in the opinion of the SD staff, best be met through alternative language rather than that originally approved. The staff has proposed such alternative language which the Commission has approved. These alterations are attached for insertion into the appropriate Federal Register Notices. (Attachment not included)

589 068

H. SECY-79-371 - RECOMMENDATIONS ON OPERATIONAL DATA ANALYSIS AND EVALUATION FOR NUCLEAR POWER PLANTS (TASK FORCE REPORT) (Memo, Chilk to Gossick dated 7/12/79)

This is to advise you that the Commission has reviewed the subject paper and (with all Commissioners concurring) approves the creation of an agency-wide Operational Data Analysis and Evaluation Group reporting directly to you. The Commission believes that this agency-wide office should be responsible for analyzing and evaluating operational safety data associated with all NRC activities, including those of NMSS. Further, the individual program offices should also have an operational data analysis and evaluation capability. Such a capability would allow the individual program office to make input to the agency-wide office, review and comment on the agency-wide office's evaluations, and perform special operational safety data analysis. Commissioner Kennedy commented in detail, see attached.

The staff is requested to proceed with the plans for the formulation of such a group and to provide the Commission with a detailed presentation as to the group's functions, responsibilities, staff procedures and lines of authority for their comment, along the lines suggested by Commissioner Kennedy. (Attachment not included)

589 069

This comment has been supported by the other Commissioners. However, Chairman Hendrie indicated that he felt that the staff had acted responsibly in this case.

In his non-concurrence Commissioner Gilinsky commented:

"I do not like these NRC-vendor joint research arrangements to study the safety of the vendor's equipment. Further increases beyond the original contract terms should be paid by the industrial organizations."

The staff is requested to:

- 1) Proceed with the implementation of the contract. (ADM)
- 2) Respond to Commissioner Bradford's questions. (RES)
(SECY Suspend 7/20/79)
- 3) Submit to the Commission for approval major design or cost changes in research programs prior to committing funds. (RES/ADM)

F. SECY-79-361 - NRC ACTION ON NARM TASK FORCE RECOMMENDATION (MEMO CHILK TO GOSSICK DATED MAY 10, 1979) (Commissioner Action Item) (Memo, Chilk to Gossick dated 7/12/79)

This is to advise you that the Commission (with all Commissioners concurring) has approved the proposed letter on NARM to appropriate Federal agencies, State Governors, Congressional Committees and the Conference of Radiation Control Program Directors, Inc., subject to modifications as indicated in the attachments.

The staff is requested to prepare these letters for the Chairman's signature. (SECY Suspend 7/27/79) (Attachment not included)

G. SECY-79-294 - REDUCTION OF RADIOGRAPHY OVEREXPOSURES (Consent Calendar Item) (Memo, Chilk to Gossick dated 7/12/79)

The Commission has been advised that the intent of the modifications to SECY-79-294 which were approved by the Commission at Affirmation Session 79-17 on June 14, 1979, can, in the opinion of the SD staff, best be met through alternative language rather than that originally approved. The staff has proposed such alternative language which the Commission has approved. These alterations are attached for insertion into the appropriate Federal Register Notices. (Attachment not included)

589 070

H. SECY-79-371 - RECOMMENDATIONS ON OPERATIONAL DATA ANALYSIS AND EVALUATION FOR NUCLEAR POWER PLANTS (TASK FORCE REPORT) (Memo, Chilk to Gossick dated 7/12/79)

This is to advise you that the Commission has reviewed the subject paper and (with all Commissioners concurring) approves the creation of an agency-wide Operational Data Analysis and Evaluation Group reporting directly to you. The Commission believes that this agency-wide office should be responsible for analyzing and evaluating operational safety data associated with all NRC activities, including those of NMSS. Further, the individual program offices should also have an operational data analysis and evaluation capability. Such a capability would allow the individual program office to make input to the agency-wide office, review and comment on the agency-wide office's evaluations, and perform special operational safety data analysis. Commissioner Kennedy commented in detail, see attached.

The staff is requested to proceed with the plans for the formulation of such a group and to provide the Commission with a detailed presentation as to the group's functions, responsibilities, staff procedures and lines of authority for their comment, along the lines suggested by Commissioner Kennedy. (Attachment not included)

589 071

ENCLOSURE M

CALENDAR OF SIGNIFICANT EVENTS

JULY

- July 16-18 INMM Meeting, Albuquerque, NM, SNM Measurement Control Program at NRC Licensed Facilities - Mike Smith
- July 17 Institute of Nuclear Materials Management, Albuquerque, NM - NRC Implementation of the US/IAEA Safeguards Agreement - Jim Wolf

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 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, ID - Residual Activity Limits for Unrestricted Release from Decommissioning - E. Conti
- mid-September ANS Topical Meeting, Sun Valley, ID - D&D of Nuclear Facilities - Barry Mingst

589 072

ENCLOSURE N