


July 25, 1979

For: The Commissioners
From: T. A. Rehm, Assistant to the Executive Director for Operations
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING JULY 20, 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:
T. A. Rehm
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678205

7908150468 .

*No input this week

**Deleted from Commissioners and PDR copy

SUMMARY OF KEY EVENTS
Week Ending July 20, 1979

Salem, Unit 1

In conjunction with the spent fuel pool hearing for Salem, Unit 1, NRR committed to providing a response to ASLB on whether the TMI-2 event is considered to have been a "Class 9" accident. ASLB may decide to allow testimony from all parties to the Salem proceeding on the potential effects of such hypothetical accidents on the Salem expanded SFP.

Arkansas Nuclear One, Unit 1 (ANO-1)

On July 10 ANO-1 shut down due to excess vibration in the main turbine. As of July 16, no problem had been found in the turbine. It is expected that after resetting the balance weights, reassembling the turbine and correcting a snubber and hanger problem, the plant will be ready for startup by July 25.

Palo Verde, Units 4 & 5

Arizona Public Service Company suspended its plans to build Palo Verde, Units 4 and 5 because continued participation by California utilities was impossible in view of questions and objections of the PUC, Energy Commission and Governor Brown. Uncertainty of the Federal regulatory process was also cited.

H. B. Robinson

IE advised Carolina Power & Light Company not to resume operation of Robinson until questions concerning the licensee's base plate anchor bolt problem has been resolved.

Shipments of Spent Fuel

The first route approved for shipment of spent fuel under the new rule, that became effective July 16, was between Hartsville, SC and Southport, NC.

Clearance Rule

At the Commission's request, NMSS drafted a new version of the Clearance Rule. This version excludes nuclear reactors and storage facilities of irradiated reactor from the rule's requirements. ELD will provide opinion on alternative programs and will forward the draft to the Commission.

Report to Congress on Alternative Fuel Cycles

NMSS has prepared the safeguards chapter of the NRC Report to Congress on the Status of Domestic and International Evaluations of Nuclear Fuel Cycle Systems as mandated by the Authorization Act of 1979. The chapter presents an overview of 17 fuel cycles being considered by DOE, the means applicable to each for safeguarding against proliferation, and resulting safeguards considerations.

Udall Hearings

IP prepared testimony for Chairman Hendrie to be presented before the Udall Committee on July 26. The hearings will deal with nuclear proliferation and NRC's role in implementing the U.S. policy.

Emergency Preparedness

SP prepared a report to the Commission on efforts to accelerate the development of State and local government radiological emergency response plans. The report will be updated and submitted monthly to the EDO.

Information Storage and Retrieval for Incident Response

MPA is exploring advanced image storage and retrieval techniques embodied in videodiscs for possible application to NRC incident response. A task force has been formed to evaluate use of the disc and will present results of their review to the EMT.

Budget Formulation

The EDO completed his mark on the FY 1980 budget supplemental and the FY 1981-1983 budget. EDO recommendations will go to the Commission July 23, 1979.

OFFICE OF ADMINISTRATION

Week Ending July 20, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Received	307	20
Granted	164	5
Denied	50	6
Pending	93	9

ACTIONS THIS WEEK

Received

Barry Scott
(79-266)

Requests a copy of a study performed by the NRC on the potential hazards to consumers and to the environment from the use and disposal of ionization type smoke detectors.

Kenneth Marek,
Center for Development
Policy
(79-267)

Requests access to records concerning proposed licenses to export low-enriched uranium to Brazil, and U.S. involvement in Brazil's nuclear energy programs especially the Angra I project.

Bruce M. Nyman
(79-268)

Requests documents relating to the TRIGA nuclear reactor at Columbia University in New York, and other TRIGA reactors.

June Allen,
North Anna Environmental
Coalition
(79-269)

Referral from the Department of Justice of documents regarding an investigation of alleged withholding of information concerning nuclear plants operated by VEPCO.

Gary Howard Simpson,
Attorney-At-Law
(79-270)

Requests documents regarding the FY 79 budget on training and travel for ADM, I&E and RES as of June 15, 1979, and data on promotions in the Office of Administration for FY 79.

Joan McMahan,
Safe Alternatives
for Future Energy
(79-271)

Requests all correspondence between NRC and the Appalachian Power Company or American Electric Power Company referring to nuclear power plants to be constructed in the next 15 years in Virginia or West Virginia.

John Raymond,
Murv Glass,
Common Ground
(79-272)

Requests all files in the NRC indexed or maintained under the name of Karen Silkwood.

CONTACT: J. M. Felton
492-7211

678208

ENCLOSURE A

Received, Cont'd

Susan M. Pierce,
Attorney-At-Law
(79-273)

Requests a copy of the winning technical proposal for RFP 79-134, "Tearing Stability Analyses for Light Water Reactor Piping" and pages 1 through 7 of the RFP.

Michael Burke,
Valley News Dispatch
(79-274)

Requests records relating to accidents at NUMEC in which employees were exposed to radioactive material, and to allegations by a Babcock & Wilcox employee concerning dumping of radioactive wastes and plutonium contamination of a restaurant.

John M. Cannon,
Mid-America Legal
Foundation
(79-275)

Requests a copy of the film on the LOFT experiments and all supporting documents relating to the content and production of the film.

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

Requests copies of four 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."

Granted

Dean Hansell,
State of Illinois
(79-113)

In response to a request for records regarding the decommissioning of the Elk River, Minnesota reactor and the shipment of the decommissioned material to the Sheffield, Illinois low-level nuclear waste site, made documents available at Region III in Illinois.

Charles W. Solbrig,
Nuclear Fuel Services
(79-169)

In response to a request for a copy of an NRC computer code and system and related documentation, informed the requester the WRAP code will be available at a later date, and the JOSHUA system may be obtained by contacting the Savannah River Laboratory.

Jack Grossman,
Island Closeup News
Service
(79-196)

In response to a request for the Stone and Webster Engineering Company's "Design Coordination Reports," which relate to construction of the Shoreham Nuclear Power Station, informed the requester that these are not NRC records and, therefore, are not subject to an FOIA request.

John M. Bryson,
STEPTOE & JOHNSON
(79-224)

Made available 10 documents regarding the promulgation of 10 CFR Part 140, Appendix A.

678209

Granted, Cont'd

Wayne Coffman
(79-225)

Made available a copy of the technical proposal for RFP-RS-NRR-79-107.

Michael M. Maney,
Sullivan and Cromwell
(79-226)

Made available 10 documents regarding the promulgation of 10 CFR Part 140, Appendix A.

Barry Ahrendt,
WBTW News
(79-233)

In response to a request for summaries of power plant operator exam results presented to the Commission on April 20, and the operator license examinations and test results from January 1, 1975 to date for any other Duke Power employees, made available these records.

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

In response to a request for records relating to wastewater discharges from the Pilgrim I Nuclear Power Plant, informed the requester that these records are located in the LPDR in Plymouth, Massachusetts.

D. Loggins
(79-241)

Made available the 1978 report on nuclear wastes, prepared for the NRC by the National Academy of Sciences.

Lynn Connor,
Doc-Search Associates
(79-243)

Made available a copy of the NUREG-0485 revision and update entitled "Regulatory Licensing, Status Report, Systematic Evaluation Program--Draft Issue (April 20, 1979)."

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

Made available documents pertaining to the issuance of his operator license.

Denied

None

678210

DIVISION OF CONTRACTS

Week Ending July 20, 1979

PENDING COMPETITIVE REQUIREMENTS

1. RFP RS-NMS-80-022
Title - Management Control System for Sealed Source and Device Review
Description - Technical assistance to upgrade and improve the present NRC sealed source and device review and cataloging system and to provide for accurate document control, standardized review procedures, and rapid and accurate retrieval of catalogued information.
Period of Performance - Eleven and one-half months
Sponsor - Office of Nuclear Material Safety and Safeguards
Status - Solicitation being developed

2. RFP RS-NMS-80-024
Title - Development of An Advanced Material Accounting System Simulation Model
Description - Develop a model which will be used by NRC to evaluate current material accounting practices at licensed nuclear fuel cycle facilities and which will serve as an input for studying advance data analysis techniques.
Period of Performance - One year
Sponsor - Office of Nuclear Material Safety and Safeguards
Status - Solicitation being developed

3. RFP RS-NMS-80-027
Title - Environmental Assessment of Surface and Groundwater Impacts from Uranium Recovery Operations
Description - The Commission, in its review of license applications, renewals, and modifications requires the technical assistance of a contractor to assist in the development of environmental appraisals and impact statements. The effort requires a review of applicants' submittals and the preparation of an environmental assessment. The assessment, along with other data, will be furnished in a technical evaluation report. The contractor shall additionally be prepared to respond to public comment on these assessments and to possibly collect actual field data on same sites.
Period of Performance - Two years
Sponsor - Office of Nuclear Material Safety and Safeguards
Status - Solicitation being developed

ENCLOSURE A

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4. RFP RS-NMS-80-028
Title - Licensing Assistance Environmental Impact Statement Preparation
Description - This effort requires contractors to support the NRC's licensing review process through providing assistance in the preparation of environmental impact statements for these applications. The work required a review of each licensee's, actual or anticipated, submittal. Following the review the contractor shall provide a draft environmental impact statement (DEIS) and subsequently a final environmental impact statement (FEIS).
Period of Performance - Three years
Sponsor - Office of Nuclear Material Safety and Safeguards
Status - Solicitation being developed

5. RFP RS-NMS-80-030
Title - Evaluation of Material Accounting Performance at Nuclear Fuel Cycle Facilities
Description - Technical support in the collection of specific facility information, support in the development of input data for material accounting simulation programs, and assessment of the results.
Period of Performance - Three years
Sponsor - Office of Nuclear Material Safety and Safeguards
Status - Solicitation being developed

6. RFP RS-NRR-80-101
Title - Advanced Reactor Accident Delineation and Assessment
Description - This project will provide technical assistance to the NRC in the areas of safety and licensing associated with advanced reactor concepts.
Period of Performance - Three years
Sponsor - Office of Nuclear Reactor Regulation
Status - RFP issue date is August 10, 1979, proposals are due September 14, 1979.

7. RFP RS-NRR-80-102
Title - Energetic Thermal Interactions, Recriticality, and Coolant Flow Phenomena Associated with Advanced Nuclear Reactor Concepts
Description - This project will provide to the NRC technical assistance in the areas of energetic thermal interactions and recriticality associated with advanced reactor concepts.
Period of Performance - Three years
Sponsor - Office of Nuclear Reactor Regulation
Status - RFP issue date is August 2, 1979, proposals are due September 5, 1979

ENCLOSURE A

678212

RFP'S ISSUED

1. RFP RS-RES-79-209 (TMI)
Title - Human Factors Evaluation of Control Room Design and Operator Performance at TMI-2
Description - Evaluate control room design, operator training and selection, operator performance, and other factors which significantly influenced the sequence of events at TMI.
Period of Performance - Five months
Sponsor - TMI Special Inquiry Staff (RES Funds)
Status - RFP issued July 18, 1979, proposals are due July 25, 1979.
2. RFP RS-RES-79-210 (TMI)
Title - Nuclear Reactor Crisis Management-Alternatives for Government Action
Description - To provide a listing and an evaluation of alternatives for Government action in nuclear crisis management based on experience in other industry and Government sectors. Provide comments on draft NRC-TMI special inquiry evaluation which deal with NRC's own emergency response.
Period of Performance - Four months
Sponsor - TMI Special Inquiry Staff (RES Funds)
Status - RFP issued July 19, 1979, proposals are due July 30, 1979.
3. 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 - Request for unpriced technical proposals issued July 20, 1979. Proposals due August 8, 1979.
4. RFP RS-ADM-79-651
Title - Production of Source Document-Microfiching and Duplicates
Description - Services to produce microfiche including masters with positive-imaged titles and negative-imaged text areas and duplicates.
Period of Performance - Twelve months with twelve month option
Sponsor - Office of Administration
Status - IFB amended July 19, 1979. Bids are due July 31, 1979
5. RFP RS-ADM-79-658
Title - Microfiching Services-Oak Ridge, Tennessee
Description - Services to produce microfiche from materials or documents furnished by NRC but located in Oak Ridge, Tennessee.
Period of Performance - One month from the effective date of contract
Sponsor - Office of Administration
Status - Solicitation issued July 19, 1979. Bids are due July 31, 1979.

ENCLOSURE A

678213

PROPOSALS UNDER EVALUATION

1. RFP RS-NRR-80-103
Title - Buckling Behavior of Steel Containment Shells
Description - The objective of this program is to develop a current staff position on buckling of steel containment shells for NRC review of applicant designs,
Period of Performance - Two years
Sponsor - Office of Nuclear Reactor Regulation
Status - Proposals sent to Source Evaluation Panel on July 12, 1979

2. 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 - Proposals forwarded to Source Evaluation Panel on July 16, 1979.

3. RFP RS-ADM-79-390
Title - NRC Publication Distribution Services
Description - Maintaining NRC standard mailing lists and publications inventory. Fulfillment of NRC distribution requirements and free requests for copies of NRC publications and related activities.
Period of Performance - Twenty-four months
Sponsor - Office of Administration
Status - Proposals received July 10, 1979. Initial evaluation complete July 20, 1979.

4. RFP RS-ADM-79-399
Title - MPA Management Information Systems Support Services
Description - Development, maintenance and/or operation of automated management information systems in support of OMPA objectives.
Period of Performance - One year with two option years
Sponsor - Office of Management and Program Analysis
Status - Proposals received July 20, 1979 and distributed to Source Evaluation Panel for evaluation

ENCLOSURE A

678214

CONTRACT AWARDS

1. RFP RS-NRR-79-107
Title - Reactor Coolant Pump/Motor Structural Integrity Following Sudden Seizure
Description - The contractor will provide expert technical assistance in evaluating the load carrying capability of the pump-to-motor hold-down bolts to withstand sudden motor seizure of a physical reactor coolant pump.
Period of Performance - Three months
Sponsor - Office of Nuclear Reactor Regulation
Status - Cost-Plus-Fixed-Fee contract in the amount of \$12,709 awarded on July 3, 1979 to Shaker Research Corporation of Ballston Lake, New York

2. RFP RS-ADM-79-386
Title - Development of Automated Personnel System
Description - This requirement was set aside for a minority business under Section 8(a) of the Small Business Act. The contractor shall provide analysis and design activities required for the development of the NRC Automated Personnel System.
Period of Performance - Eighteen weeks
Sponsor - Office of Administration
Status - A fixed price contract was executed on July 9, 1979 with the Small Business Administration and Rehab Group, Inc., an eligible 8(a) minority concern, in the amount of \$146,223.72

CANCELLATIONS

1. RFP RS-NRR-79-110
Title - Decision Analysis Methodology Applications to the Reactor Licensing Process
Description - Application of decision analysis methodology within the Office of Nuclear Reactor Regulation in order to develop a more orderly and more structured process to arrive at regulatory decisions.
Period of Performance - Fourteen months
Sponsor - Office of Nuclear Reactor Regulation
Status - Cancelled at request of program office

WEEKLY HIGHLIGHTS FOR OPERATING REACTORS

Salem, Unit No. 1

At the spent fuel pool hearing for Salem Unit 1, which resumed on July 10-11, 1979, the ASLB asked the following question with regard to the TMI-2 accident:

The Proposed Annex to Appendix D, 10 CFR Part 50, appears to define a Class 9 accident as a sequence of failures which are more severe than those which the safety features of the plant are designed to prevent. The sequence of failures at Three Mile Island produced a breach of the containment and a release of radiation which could not be prevented by the safety features. Was the occurrence at Three Mile Island therefore a Class 9 accident? Was the risk to health and safety and the environment "remote in probability," or "extremely low" at Three Mile Island, as those terms are used in the Annex?

The staff committed to providing a response to this question by August 3, 1979

If we do consider the TMI-2 event to have been a "Class 9" accident, the Board may decide to allow testimony from all parties to the Salem proceeding on the potential effects of such hypothetical accidents on the Salem expanded SFP.

Arkansas Nuclear One, Unit No. 1 (ANO-1)

ANO-1 shutdown at 6:52 a.m., July 10, 1979, due to excess vibration in the main turbine. The plant was at 21% power level at the time with a planned program of ascension to normal power levels. The turbine previously experienced vibration in the low pressure area due to turbine blade failure which was repaired in February 1979.

In reviewing the capability of Snubbers at ANO-1, Bechtel Engineering Corporation, the A&E for ANO-1, discovered an error was made in the calculations for eight snubbers and two hangers for the main steam line inside the containment. It was found that the snubbers and hangers were not adequate for turbine trip for repeated cycles. Bechtel has redesigned the snubbers and hangers. Arkansas Power & Light Company (AP&L) have the new components on site. Installation is expected to be complete by the end of the week. As of July 16, no problem had been found in the turbine. It is expected that after resetting the balance weights, reassembling the turbine and correcting the snubber and hanger problem, the plant will be ready for startup by July 25, 1979.

678216

Ft. St. Vrain

Fort St. Vrain is in the power ascension stage at 10% power. The moisture in the primary coolant system is thought to be a result of out-gassing from the new fuel blocks which were installed during the first refueling. The power ascension schedule calls for attaining 28% power by July 20, 1979 at which point the turbine will be rolled. It is expected that 40% power will be reached by July 22nd and 70% power by July 31st.

Depending on test results, FSV could be permitted to ascend to 100% power operation in October, 1979.

Palo Verde 4&5

On July 17, 1979, NRR was notified by Arizona Public Service Company that it had suspended its plans to build Palo Verde Units 4 and 5. The reasons given were because the participating California utilities found it impossible to continue to participate in view of the questions and objections of the PUC, Energy Commission and Governor Brown. Uncertainty of the Federal regulatory process was also cited.

H. B. Robinson

Carolina Power & Light Company has been advised by IE:II not to resume operation of Robinson until questions concerning the licensee's response to IE Bulletin 79-02 (Base plate anchor bolt problem) have been acceptably resolved. At issue here is the bolt failure rate observed from CP&L's testing program required by the Bulletin.

Oconee Nuclear Station

On July 18, 1979 at 7:55 p.m., lightning struck the Greenville, S. C. substation resulting in isolation of the Greenville to Oconee 230 KV transmission line from the Oconee switchyard. Prior to isolation there was a voltage swing on the 69 KV bus which feeds the Unit 2 reactor coolant pumps, causing a pump trip on undervoltage. The Unit 2 generator, turbine and reactor subsequently tripped. The Unit 2 trip did not result in any upward pressure spikes and posed no challenge to the PORV. The pressurizer level dropped to 35 inches and returned to normal. The Unit 1 "B" main feedwater pump suction line simultaneously blew a gasket. Water from the leak flashed to steam in the turbine building basement. The steam shorted the control panel for the Unit 1 hot well and booster pumps in the feedwater system. Unit 2 is being restored to power operation. As soon as the Unit 1 blown gasket is replaced that unit will be brought up in power. The operator stationed in the basement per NRC requirements was uninjured. This information is preliminary.

678217

BIWEEKLY STATUS

OF

SHUTDOWN PLANTS

678218

ENCLOSURE B

SEISMIC SHUTDOWN PLANTS

STATUS AS OF 7/18/79

"5 Plant Shutdown"

MAINE YANKEE - Restarted 5/24/79

BEAVER VALLEY - Restart Week of 7/23/79

- Seismic reanalysis is complete and modifications are being implemented
- Problems with feedwater nozzle cracks, and snubber testing

FITZPATRICK - Restart mid August

- Licensee submittal for interim operation delayed to 8/3

SURRY 1 - Restart early August

- Staff review of piping reanalysis complete. 19 of 63 piping problems require modification to correct overstress. 63 new supports will be installed.

SURRY 2 - Restart in November

- Steam Generator replacement in progress

Other Shutdown Plants

HUMBOLT BAY - Fault near plant

SALEM 1 - Refueling extended, Algebraic Summation problem to be resolved prior to start up. (IE Bulletin 79-07)

Baseplate/Anchor Bolt Shutdown Plants

HATCH 1 - Restart 8/4

OCONEE 3 - Restart 8/15

CRYSTAL RIVER 3 - Restart 7/28

FARLEY 1 - Restart 8/8

ROBINSON 2 - Restart 7/20

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

- 29 Reactors utilized Algebraic Summation
 - 5 plants shutdown by Show Cause Orders
 - 4 plants under construction

20 Operating Plants status is as follows:

- 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
- 2 Plants reanalysis completed by licensee and under staff review
- 13 Plants resolved and staff evaluation completed

678219

ENCLOSURE B

STATUS OF PLANTS SHUTDOWN
FOR OTHER REASONS - STATUS AS OF 7/18/79

Arkansas 1	Turbine Problems	Restart 7/25/79 ^{sat/10/79}
Arkansas 2	Trip	Restarted 7/19/79
Big Rock Point 1	Control Rod Drive Leak	Restart 9/15/79
Dresden 1	ECCS Modification	Restart 4/80 ^{planned}
GINNA	Inspect Feedwater Pipe and Steam Generator Nozzle Welds	Restart 8/6/79
Indian Point 1	ECCS	Restart ?
Indian Point 2	Refueling	Restart 9/12/79
Kewaunee	Refueling	Restart 7/25/79
Oconee 1	Grid Trip	Restart 7/20/79
Pilgrim	Control Rod Drive Line Repair	Restart <u>7/20/79</u>
Pt. Beach 2	Feedwater Crack Repair	Restart 7/21/79
Prairie Island 1	Turbine Problems	Restart 7/25/79
Three Mile Island 1	Order	Restart ?
Three Mile Island 2	Accident	Restart ?

678220

FEEDWATER CRACKS PLANTSI&E Bulletin 79-13 dated June 25, 1979

Requirements: Plants with W or CE S/G's complete volumetric exam if 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 & snubbers 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 required above.

- For S/G's with 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 inlet riser on each feeding 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: 22
 Plants with Cracks: 12
 Plants with Cracks evaluated: 4
 restarted: 3

Plants with cracks

Plant	# of nozzles with indications	# of through wall	Cause	NRC labs with Analysis samples
Cook 1/2	8 of 8	2	corrosion assisted fatigue	BNL
Kewaunee	2 of 2	-	corrosion assisted fatigue	BNL/L ³
Salem 1	4 of 4	-	"	678221
Robinson 2	3 of 3	-	"	
Beaver Valley 1	3 of 3	-	"	
San Onofre	3 of 3	-	stress assisted corrosion	BNL/L ³

Pt. Beach 2	2 of 2	-	stress assisted corrosion
Surry 1/2	6 of 6	-	unknown-indications in feedwater line wel
North Anna 2	1 of 3	-	slight indication may not be a crack
Ginna	2 of 2	-	unknown

678222

ENCLOSURE B

STATUS OF OPERATING PLANT FIRE PROTECTION REVIEWS

The fire protection review of each operating plant results in a license amendment which places a condition in the license requiring modifications to the plant for the addition of fire suppression and detection systems, installation of fire doors, dampers, and barriers, recabling for separation, additional equipment for manual fire fighting, and upgrading of administrative controls. A safety evaluation report accompanies the amendment and in many cases there are a few incomplete items that will require a supplement to the safety evaluation in order to complete their resolution.

The status of the fire protection reviews is as follows:

Total Number of Plants to be reviewed	58
Number of reviews completed	46
Number of plants remaining	22
Number of plants to receive amend. in July	11
Number of plants to receive amend in Aug.	5
Number of plants to receive amend in Sept.	6*
Total Number of SER supplements required	49
Number of SER supplements issued	2
Date by which all SER supplements issued	April 1981

*We are attempting to accelerate these reviews into July

678223

ENCLOSURE B

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING JULY 20, 1979

1. Meeting of the Interagency Subcommittee on Radiation Research: A meeting of the Subcommittee on TMI Followup Research, chaired by Dr. A. Upton, NCI, of the Interagency Committee on Federal Research on the Biological Effects of Ionizing Radiation, chaired by Dr. Fredrickson, NIH, was held on July 17, 1979 at NIH in Bethesda. NRC attendees were J. Foulke, RES, A. Roecklein, SD, R. Goldsmith, SD, and M. Parsont, SD.

Presentations were made by Mr. Todd Frazier, NIOSH, on the NRC/NIOSH cooperative effort to develop a TMI worker registry and dosimetry and health records of TMI workers. M. Parsont, NRC, presented TMI worker population and individual dose statistics, expanded on Mr. Frazier's presentation and invited members of the Subcommittee to attend the NRC/NIOSH meeting on July 19, 1979, where these subjects would be more fully presented. G. Weber, NIMH, discussed the latest--revised protocol for the mental health survey of people in the vicinity of TMI; and, H. Falk, CDC, discussed the population enumeration study recently completed of the population within 5 miles of TMI.

The mental health survey protocol has been revised to examine only psychiatric in- and out- patients, young, pregnant women and TMI employees rather than a random sample of persons in the TMI vicinity as previously planned. There were many questions directed to Dr. Weber to determine why the original protocol was changed and what is the usefulness of the current design. We plan to send a letter to Dr. Upton outlining our concerns with the revised approach as presented by Dr. Weber.

No Subcommittee meeting was scheduled for August.

[R. Goldsmith (443-5860)]

2. NIOSH/NRC Discussion on TMI Worker Registry: Representatives of NIOSH and NRC met on July 19, 1979 to discuss Three Mile Island dosimetry programs, and other data necessary for establishing a TMI worker registry. This effort was the first cooperative NIOSH/NRC meeting in response to Secretary Califano's request for such information from Chairman Hendrie.

John Kinneman, Radiation Specialist Region I, presented a comprehensive description of the TMI computer capability in the area of dosimetry records and analyses and information which could be made available to NIOSH for following health studies.

Also discussed were the EPA/NRC Feasibility Planning Study and how it will consider TMI as well as privacy restrictions related to the TMI data.

678224

ENCLOSURE C

Todd Frazier led the NIOSH team and M. A. Parsont, SD, coordinated the staff participation. Also, in attendance were representatives of NMSS, NRR, ELD, I&E, and the Commission. John Villforth, Director of the Bureau of Radiological Health and some of his staff were present.

[M. Parsont (443-5954)]

Publications Issued During the Week of July 16-20, 1979

Draft Regulatory Guide and Value/Impact Statement: Proposed Revision 1 to Regulatory Guide 1.58, "Qualification of Nuclear Power Plant Inspection, Examination, and Testing Personnel", Task RS 901-5 [Comments requested by September 28, 1979]

Draft Regulatory Guide and Value/Impact Statement: Qualification Test for Cable Penetration Fire Stops for Use in Nuclear Power Plants, Task RS 809-5 [Comments requested by September 25, 1979]

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OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending July 20, 1979

Shipments of Spent Fuel

The first route approved for shipment of spent fuel under the new rule, which became effective July 16, 1979, was for rail shipments between Hartsville, South Carolina and Southport, North Carolina. The Division of Safeguards is also going to approve on an interim basis the continued use of Portsmouth, Virginia, as a port of entry for imports of spent fuel. Portsmouth is a heavily populated area as defined in published staff guidance, and under the rule should be avoided if practicable alternatives are available. Licensees so far have been unable to find ship companies that service ports located in sparsely populated areas.

Clearance Rule

In accordance with the Commission's request, a new version of the Clearance Rule has been drafted. This version excludes nuclear reactors and storage facilities of irradiated reactor fuel from Clearance Rule requirements. The new draft will be forwarded by ELD to the Commission, with ELD's legal opinion on alternative programs under authority other than Sec 161 i.(2) of the Atomic Energy Act of 1954.

Rulemaking Petition Submitted by Edlow International, Inc.

The staff responded to a rulemaking petition submitted by Edlow International, Inc., concerning revisions to 10 CFR Parts 70.20 and 73.37 which would have added carriers as responsible individuals for spent fuel shipments and would have deleted shippers responsible in connection with spent fuel shipments. The staff determined that the Spent Fuel Rule 10 CFR 37 would go into effect July 16, 1979, notwithstanding the Edlow petition and that the petition would be considered through the normal rulemaking process.

Safeguards Response to State of Iowa's Rulemaking on Transportation

The NRC has been notified by the State of Iowa that it is considering the issuance of regulations for the transportation of shipments of nuclear materials. Iowa has invited interested persons, including the NRC, to present written comments and to participate in a hearing which will take place during September 1979. We are developing alternative safeguards responses for safeguards management to consider in this matter.

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ENCLOSURE D

NMMSS FY79-80 Program Review

Representatives of the Technical Planning and Information Branch participated in a joint 2-day work session at DOE, Germantown, to review and plan the activity during the balance of FY79 and for FY80 of the Nuclear Materials Management and Safeguards System (NMMSS) contractor. Personnel from DOE-Germantown, DOE-Oak Ridge Operations, and Union Carbide (the NMMSS contractor) also attended. Emphasis was placed on the effort needed to meet the nuclear materials reporting requirements under the U.S./IAEA "Offer" Treaty. Planning was also initiated for a seminar and workshop to inform and train field and contractor staffs as well as NRC licensees on NMMSS programming and data reporting revisions.

Report to Congress on Alternative Fuel Cycles

The safeguards chapter of the NRC Report to Congress on the Status of Domestic and International Evaluations of Nuclear Fuel Cycle Systems as mandated by the Authorization Act of 1979 has been prepared and is in the NMSS approval cycle. This chapter presents an overview of 17 candidate fuel cycles being considered by DOE, the means applicable to each for safeguarding against proliferation, and the resulting safeguards considerations.

Updating of Radon Value

Clarifying information was provided to RES for use by BPNL in completing the interim reports on radon emissions from open pit and underground uranium mines. Drafts of these reports are expected during the week ending July 20, 1979.

Incident Response Planning

The FCMS Incident Response Planning Group has been performing planning and other preparation for the recently announced Environmental Radiation and Emergency Support Section (ERESS) of the Uranium Fuels Licensing Branch and supporting the Emergency Planning Task Force which is re-examining NRC's role in emergency planning. The Group is currently engaged in both activities in preparing action plans to develop remedies for deficiencies identified in NRC and NMSS emergency planning by the ad hoc Working Group supporting the Emergency Planning Task Force. The NMSS action plans will become part of an overall NRC planning document and the implementation of the remedies identified in the action plan will be among the important activities of the ERESS. A draft NMSS action plan addressing the nine deficiency items for which NMSS has or shares the lead is due to the Task Force on July 23. The Task Force has targeted August 3 for delivery of the overall NRC action plan.

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Extension of Comment Period on the Draft GEIS on Uranium Milling

The comment period on the Draft GEIS has been extended 60 days from July 26, 1979, to September 24, 1979. This extension has been granted in response to numerous requests. In addition, regulation changes which incorporate conclusions of the Draft GEIS and implement provisions of the "Uranium Mill Tailings Radiation Control Act of 1978" are expected to be formally proposed in a couple of weeks. Since it is essential that the proposed regulation changes and the Draft GEIS be considered together, the comment period has been extended in order to provide adequate time for review.

Trip to DOE Laboratory

During the week of July 16-20, Waste Management staff met with DOE laboratory personnel at INEL and PNL to discuss work being performed on waste processing and solidification. The meetings are being held to collect test results and expert opinion on the waste form performance of solidification agents for high-level wastes.

Trip to Lawrence Livermore Laboratory (LLL)

During the week of July 9-13, Waste Management personnel met with the staff of Lawrence Livermore Laboratory to review work performed to date for NRC on Waste Form/Package Performance for spent fuel and transuranic wastes. The review concentrated on focusing the LLL work on developing technical support for regulations and criteria and identifying needed research. The NRC staff positions regarding: a. the need for multiple barriers in isolation of high-level wastes and b. design criterion for the waste form/package was supported by the LLL staff. The waste/form package is to perform as a principal barrier to the release of radionuclides for the period that the fission products present the principal hazard (more than 1,000 years).

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ENCLOSURE D

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending July 20, 1979

1. Preliminary Notifications relating to the following actions were dispatched during the past week:
 - a. PNO-79-67AX Three Mile Island Unit 2 - Updated Status Report - This Preliminary Notification was issued to provide updated status information.
 - b. PNO-79-241 Washington Public Power Supply Systems Nuclear Projects No. 3 and No. 5 - Allegation of Improper Concrete Placement - A former employee of a contractor alleged that improper materials had been left in the reinforcing steel during placement of concrete. IE inspectors will evaluate the adequacy of action taken by the licensee. (Closed)
 - c. PNO-79-242 Dresden Station - Federal Highway Administration Civil Penalty of \$10,000 for Shipping Violations - The FHA issued a notice of violation and a proposed civil penalty of \$10,000 for violations related to the shipment of radioactive waste. (Closed)
 - d. PNO-79-243 Three Mile Island Unit 2 - Two Additional Potential Plant Employee Overexposures Resulting from the Three Mile Island Accident - During the IE investigation of the March 28, 1979 accident, two additional overexposures to employees were identified. Both cases involved exposure of individuals' extremities to doses in excess of NRC limits. This matter will be considered further during the IE investigation. (Closed)
 - e. PNO-79-244 Calvert Cliffs Unit 1 - Inadvertent Discharge of Acid and Caustic Solutions to the Chesapeake Bay - On July 12, 1979, the licensee inadvertently released about 100 gallons of acid and 160 gallons of caustic solutions to the Chesapeake Bay. The release occurred as a result of a valve failure in the demineralizer system. (Closed)
 - f. PNO-79-245 Rancho Seco - Reactor Trip Resulting From Faulty Pressure Transmitter - The unit tripped from 100% power as a result of a faulty pressure transmitter on a turbine reheater. The transmitter was replaced and the unit was returned to power. (Closed)
 - g. PNO-79-246 Millstone Unit 1 - Low Sodium Pentaborate for Primary Injection - Due to an incorrect conversion factor, the procedure for determining the concentration of sodium pentaborate in the Standby Liquid Storage Tank has yielded a calculated concentration about 15% higher than actual concentration. Procedural controls are being modified. (Closed)
 - h. PNO-79-247 Pilgrim Station - Undersized Seismic Restraints - The licensee determined that two pipe supports do not meet design specifications. The licensee will modify the supports prior to resuming plant operation. (Closed)
 - i. PNO-79-248 Davis-Besse Unit 1 - Announced Demonstration August 5, 1979 Against Davis-Besse - The Toledo Coalition for Safe Energy is organizing an anti-nuclear protest against the Davis-Besse Nuclear Power Station. The demonstration is planned for August 5, 1979 and is to coincide with the International Nagasaki-Hiroshima Days of Protest. (Closed)

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ENCLOSURE E

- j. PNO-79-249 Vogtle Unit 1 - Stop Work Order for Reactor Cavity Concrete Placements - Following discovery of inadequate Cadwelds, the licensee issued a stop work order on concrete placement in the Unit 1 cavity area. (Closed)
- k. PNO-79-250 Westinghouse Electric Corp., Plutonium Fuel Development Laboratory - Electricians Strike Against Westinghouse - The IBEW went on strike at the Cheswick, Pennsylvania site at 12:01 a.m. on July 16, 1979. On July 17, 1979, the Allegheny County Court issued a restraining order to the IBEW which allowed all personnel not represented by the union to return to work. (Closed)
- l. PNO-79-251 Palo Verde Unit 1 - Allegations Regarding Use of Improper Weld Material in Reactor Pressure Vessel - Region V (San Francisco) received an anonymous allegation regarding the use of non-ASME approved filler metal in a weld on the reactor pressure vessel. This matter will be investigated at the pressure vessel vendor's facility. (Closed)
- m. PNO-79-252 Arkansas Nuclear One, Unit 1 - Possible Design Deficiency in the Seismic Supports on the Main Steam Lines Within the Reactor Building - Bechtel informed the licensee that some snubbers and hangers on the main steam line may have a design deficiency. The unit is currently in cold shutdown and will remain in this mode pending completion of any required modifications to the seismic supports. (Closed)
- n. PNO-79-253 Arkansas Nuclear One, Unit 2 - Trip of ANO Unit 2 from 50% Power - During a test of the main steam stop valves, the main feedwater valve failed closed. Following reduction of generator output, there was a high pressure transient in the secondary steam system that actuated the atmospheric dump valves. The reactor tripped on low steam generator level when a dump valve failed to reseal. The licensee has repaired the valves. (Closed)
- o. PNO-79-254 H. B. Robinson Unit 2 - Return to Power Operation - Following a refueling outage that began on April 18, 1979, the licensee has returned the unit to operation. (Closed)
- p. PNO-79-255 Waterford Unit 3 - Allegations of Violation of Commission Regulations - A petition was filed in U. S. District Court requesting that the court stop construction of Waterford Unit 3 until the NRC checks out the petitioner's report of "hundreds of violations" of Commission regulations. Region IV (Dallas) will attempt to contact the petitioner and will investigate the allegations for substance, if appropriate. (Closed)
- q. PNO-79-256 Braidwood Units 1 & 2 - Allegation of Improper Concrete Activities at the Braidwood Site - A worker at the site expressed concerns or improper concrete activities. The worker will attempt to obtain more specific information, but can only do so after construction at the site resumes (carpenters are currently on strike). Region III (Chicago) will followup and attempt to gather specific information as it becomes available. (Closed)

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- r. PNO-79-257 Perry Unit 1 - Small Fire in Containment for Unit 1 - On July 16, 1979, a small fire occurred in the Unit 1 containment building. Damage was limited to scaffolding and there was no damage to safety related equipment or structures. (Closed)
- s. PNO-79-258 Crystal River Unit 3 - Unqualified Valves Installed Inside the Reactor Building - In accordance with the requirements of IE Bulletin 79-01, the licensee reported discovering four environmentally unqualified valves inside the reactor building. Replacement valves have been ordered. (Closed)
- t. PNO-79-259 Surry Units 1 & 2 - Rejectable Welds in Feedwater System - During radiography of feedwater piping welds of Unit 1 as required by IE Bulletin 79-13, seven welds have been found to have rejectable indications. The licensee plans to repair the welds prior to startup. (Closed)
- u. PNO-79-260 Browns Ferry Unit 3 - Hydrogen Detonation in Off-Gas System - Following a reactor scram on July 17, 1979, unstable recombiner operation resulted in increased hydrogen concentration and a subsequent detonation in the off-gas system. No personnel injuries or contamination occurred. (Closed)
- v. PNO-79-261 Indian Point Unit 2 - Allegation of Unsafe Work Practices at Plant - An allegation was received by Region I (Philadelphia) of unsafe physical and radiological work practices at the plant. This matter will be reviewed by the Resident Inspector. (Closed)
- w. PNO-79-262 United Nuclear Corporation, Wood River Junction, RI - Tri-State Trailer Carrying LSA in Connecticut - Connecticut officials temporarily impounded a Tri-State trailer carrying radioactive materials from the United Nuclear Corporation. This action was taken because the tractor did not have license plates and the temporary Illinois registration of the tractor had expired. The unit was subsequently released. (Closed)
- x. PNO-79-263 Duane Arnold - Reactor Scram on Turbine Trip - Reactor Shutdown for Greater than 48 Hours - On July 18, 1979, the reactor scrambled from 100% power due to a turbine trip which was caused by an exhaust hood high temperature. (Closed)
- y. PNO-79-264 Hatch Units 1 & 2 - Interest in Environmental Report - A member of the Georgia Public Service Commission discussed the Georgia Power Co. Annual 1978 Environmental Surveillance Report with reporters on July 17, 1979. The principal issue was elevated tritium levels in environmental sample wells onsite and measured tritium levels in two outfalls outside the restricted area but within the Georgia Power Co. property. (Closed)
- z. PNO-79-265 Oconee Units 1 & 2 - Reactor Trip Due to Grid Fault - On July 18, 1979, Unit 2 tripped due to a turbine trip caused by a grid fault. The grid fault resulted from a lightning strike on a switchyard. During the transient, a gasket on one main feed water pump failed causing a steam leak into the turbine building basement. As a result, a Unit 1 electrical panel was lost causing a temporary loss of Unit 1 hot well pumps and condensate booster pumps. (Closed)

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ENCLOSURE E

- aa. PNO-79-266 Brunswick Unit 1 - Reactor Trip - The reactor tripped from 60% power while attempting to place recirculation pump 1B in service. The pump had been stopped at 11:30 p.m. on July 18 due to a failure of the motor generator set lubricating oil system. Following resolution of the oil system problem, the pump was restarted. While opening the pump discharge valve, the average power range monitor spiked and a reactor trip occurred. An investigation by the licensee and the Resident Inspector is being conducted. (Closed)
 - bb. PNO-79-267 Arkansas Nuclear One, Unit 2 - Trip of ANO Unit 2 from 50% Power - On July 19, 1979, Unit 2 tripped from 50% power on low steam generator level. The licensee concluded that the low steam generator level resulted when an operator leaned against the control panel and caused the main feedwater pump turbine to runback to the low speed stop. (Closed)
 - cc. PNO-79-268 Brunswick Unit 2 - Planned Shutdown - The licensee removed the unit from service to replace a Target Rock relief valve that opened without cause twice within two days. (Closed)
 - dd. PNO-79-269 McGuire Units 1 & 2, Catawba Units 1 & 2 - Duke Power Company announce a delay in completion of four reactor at two sites. The delays range from six months to two years. (Closed)
 - ee. PNS-79-75A & -75B Nuclear Fuel Services, Erwin, TN - Arrest of Union Members During Operators Strike - Union members expressed intent to travel to Washington, D. C. to picket NRC and DOE offices. (Closed)
 - ff. PNS-79-76 Wolf Creek Unit 1 - Bomb Threat - A search of the plant site was conducted with negative results. (Closed)
2. The following IE Circulars were issued:
- a. IE Circular 79-13, "Replacement of Diesel Fire Pump Starting Contactors," was issued on July 13, 1979 to all power reactor facilities with an operating license or construction permit.
 - b. IE Circular 79-14, "Unauthorized Procurement and Distribution of Xe-133," was issued on July 13, 1979 to all medical licensees except teletherapy medical licensees and to all radiopharmaceutical suppliers.
3. The following IE Information Notices were issued:
- a. IE Information Notice 79-18, "Skylab Reentry," was issued on July 6, 1979 to all holders of reactor operating licenses.
 - b. IE Information Notice 79-19, "Pipe Cracks in Stagnant Borated Water Systems at PWR Plants," was issued on July 17, 1979 to all power reactors with an operating license or construction permit.

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ENCLOSURE E

OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

FOR THE WEEK ENDING JULY 20, 1979

Kewaunee Nuclear Power Plant

On July 17, the Administrative Law Judge approved the settlement reached by the Staff and the Licensee and thereby terminated the civil penalty proceeding. Under the terms of the settlement, the Licensee makes certain admissions regarding the Staff's allegations, agrees to pay the penalty of \$7,000 and to withdraw its request for a hearing. In turn, the Staff agrees that the incident resulting in items of noncompliance was an isolated act and not a general reflection on the Licensee's management or personnel.

ENCLOSURE G

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ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING JULY 20, 1979

INTERNATIONAL COOPERATION

Meeting Announcement

On Tuesday, July 24, IP is scheduling a 9:00 to 10:00 a.m. appointment for Mr. Bruce P. H. Chu, Vice President of Taiwpower, and three members of his staff to discuss NRC export licensing policy in the long term as it relates to phase-two of Taiwan's nuclear program. The session will take place in H-1167.

On Tuesday and Wednesday an eight-member delegation of the French Nuclear Safety Protection Institute (SCSIN), headed by Mr. Tanguy the Director, met with staff members of NRR, RES, SD, and IP to discuss the incident at TMI-2, including its relationship to the French nuclear program.

On Thursday Dr. A. B. Lidiard of the U.K. Atomic Energy Research Establishment at Harwell met with Dr. C. Z. Serpan of RES to discuss (1) research programs relating to the integrity of reactor pressure vessels, (2) material occurrences of cracks in weldings, (3) the efficiency of inspection procedures, and (4) the study of PWR vessel integrity in general.

EXPORT/IMPORT AND INTERNATIONAL SAFEGUARDS

Udall Hearings

IP is preparing testimony for Chairman Hendrie to be presented before the Udall Committee on July 26. The hearings will deal with Nuclear Proliferation and NRC's role in implementing the US policy.

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OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING JULY 20, 1979

State Agreements

The Kansas radiation control program will be reviewed during the week of August 30, 1979.

Program Development

Letters of invitation to Governors, State legislative leadership and State public utility chairmen were mailed for the Workshops on State Review of NRC Decommissioning Policy. These will be held in Columbia, South Carolina September 12-14 and Seattle, Washington September 25-27.

On July 13, 1979, Tom Elasser met with Commissioner Kennedy to discuss the issues raised at the National Governor's Conference held on July 9, 1979.

Emergency Preparedness

Final arrangements were made by R. DeFayette to visit Vermont, New Hampshire, Massachusetts and Maine in early August to discuss development of emergency plans in each State.

Arrangements are also being made to present the Radiological Emergency Response Planning course to Illinois personnel in Springfield during the week of September 10, 1979.

Robert DeFayette represented NRC on a panel discussion on aspects of nuclear energy at the annual meeting of the National Association of Counties in Kansas City, Missouri.

A report to the Commission was prepared on the efforts to accelerate the development of State and local government radiological emergency response plans. The report will be updated and submitted monthly to the EDO.

The Emergency Preparedness staff is working with the State of Maryland Division of Radiation Control and Office of Civil Defense to identify the categories of nuclear facilities that should be covered in the States' Radiological Emergency Response Plan. Current thinking is that although there are four licensed research reactor facilities within the State, the primary effort will be to develop a coordinated plan with Calvert County and the nuclear power reactor at Calvert Cliffs.

Messrs Bajwa and Dukes met with Nebraska Civil Defense officials in Lincoln on July 11 and 12 to discuss implementation of the Peacetime Radiological Emergency Response Analysis Device on the Nebraska plan. Most of the time was spent deciding the correct sequence and timing of the emergency response by the various Nebraska organizations. Organizational

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responsibilities were well defined in the plan. The plan had been revised and reprinted, and in the process of collation at the time of the visit. Mailing to NRC is expected soon. An Exercise is scheduled for July 31 this year.

Hal Gaut, SP, Mal Ernst, and Jim Herr of the NRC/TMI Investigation Group and Tom Elsasser, SP (Region I-SLO) met with State and local officials of Pennsylvania to review State and local activities in the TMI emergency response operations.

Bill Axelson, NRC Region I, headed a Federal Interagency Regional Advisory Committee assistance visit to Wisconsin to review the State plan.

On July 17, 1979, Tom Elsasser met with Maryland State Officials in Baltimore and Pikesville, Maryland to discuss emergency response planning and other areas of mutual interest to Maryland and the NRC.

On July 18, 1979, Tom Elsasser met with Maryland State Officials in Annapolis to discuss emergency response planning and other areas of mutual interest to Maryland and the NRC.

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OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

Week Ending - July 20, 1979

Information Storage and Retrieval for Incident Response

MPA has been exploring informally certain Defense Department (ARPA) advanced image storage and retrieval techniques for possible application to NRC incident response. The advanced techniques are embodied in videodisc, a system that can store up to 54,000 picture frames per disc for instantaneous recall, e.g. internal or external parts of a reactor or schematics.

A meeting was held during the week with I&E staff to review the Incident Response Center and discuss techniques of data collection and retrieval, including videodisc. A task force has been formed to evaluate possibilities of using the videodisc in conjunction with other capabilities at the Incident Response Center. The task force will consist of members from RES, NRR, NMSS, I&E, and MPA. The task force will meet to review the capabilities of the videodisc system next week. After reviewing this system and the feasibility of using it for incident response purposes, presentations to the EMT will be scheduled.

Provisions of NRC Authorization Bills

At request of OCA, transmitted an abbreviated outline of the major provisions of NRC's authorization bills, H.R. 2608 and S. 562.

Nuclear Plant Reliability Data System

MPA staff attended July 17-18 meeting of the ad hoc subcommittee of the ANSI N18.20 Subcommittee to review the analytical techniques for the 1979 NPRDS annual report. The important changes which we sought were adopted by the ad hoc subcommittee; in particular, to include the "no failures" in failure rate calculations, to summarize variability of failure rates over plants, and to use unbiased estimates of failure rates.

Documents for President's Commission on TMI

The final shipment of documents requested by the President's Commission in its letters of June 28 and July 2 was made on July 19.

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Office of the Controller

Items of Interest

Week Ending July 20, 1979

Budget Formulation

The EDO completed his mark on the FY 1980 budget supplemental and the FY 1981-1983 budget. The EDO recommended budget will be submitted to the Commission on July 23.

FY 1980 Budget

The Senate passed NRC's FY 1980 Appropriation bill for a total of \$363,340,000, which is \$5,000,000 more than the House Appropriation bill. The House and Senate plan to go to conference on July 24.

FY 1979 Reprogramming

The staff of the House Subcommittee on Energy and the Environment was briefed on reprogramming paper #3. To date, the staffs of three Subcommittees have been briefed.

Enclosure K

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CALENDAR OF SIGNIFICANT EVENTS

July 23, 1979 Skagit 1 & 2 - The safety hearings will begin

July 27, 1979 Salem 2 - ACRS Subcommittee meeting to discuss impact
of the TMI-2 accident on the Salem Nuclear Power
Station, Unit 2

Three Mile Island - Meeting of ACRS Ad Hoc Subcommittee

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ENCLOSURE L

CALENDAR OF SPEAKING ENGAGEMENTS

AUGUST

August 8-10 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

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