

August 21, 1979


For: The Commissioners
From: T. A. Rehm, Assistant to the Executive Director for Operations
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING AUGUST 17, 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
49-27781

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

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SUMMARY OF KEY EVENTS
Week Ending August 17, 1979

Beaver Valley, Unit 1

NRR terminated the March 13, 1979 Show Cause Order that required the plant to be shut down. Outstanding concerns related to the environmental qualifications of certain electrical equipment were resolved in a meeting on August 9 and the licensee expects to have the plant back on line by August 17, 1979.

Point Beach, Unit 1

On August 5, the plant was brought to cold shutdown for an inspection of a leak in the steam generators. The inspection indicated 52 tubes required plugging. Further tests and plugging are expected to be completed this week.

Crystal River, Unit 3

On August 13, radiation leakage at the plant was broadcast in the news. State physics personnel were sent to CR-3. The plant is experiencing some reactor coolant leakage (to containment and to the secondary system) but is well within Technical Specification limits.

Kewaunee

On August 9, the plant was shut down to repair a pressurizer safety valve leaking at the rate of .87 gpm. The licensee anticipates startup on August 15, 1979.

CEQ Toxic Substances Strategy Committee

The CEQ Toxic Substances Strategy Committee's final Draft Report to the President is being circulated for staff comment. Although radiation is not within the report's scope, a number of the recommendations and principles developed in the report could be applied to radiation protection and are relevant to NRC programs. NRC comments will be submitted to the Commission after September 10, 1979.

Clean Air Act

In reference to the Clean Air Act, EPA determined that radionuclides, including source, byproduct, and special nuclear material, are hazardous air pollutants. The Clean Air Act also requires that follow-on EPA actions will include (1) issuance of an advance notice of proposed rulemaking in September 1979, (2) issuance of proposed Clean Air Act standards by February 1980, and (3) completion of an NRC/EPA interagency agreement by February 1980, on implementation of the Act.

Emergency Preparedness

In a recent meeting with SP, the Governors of Massachusetts, Maine, New Hampshire, and Vermont have agreed to develop a regional plan as part of their individual State plans which will assure coordination and cooperation of the States in responding to a radiological emergency. All states committed to having draft plans for review within 6 months.

OFFICE OF ADMINISTRATION

Week Ending August 17, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Received	361	25
Granted	224	6
Denied	56	11
Pending	81	8

ACTIONS THIS WEEK

Received

Deborah C. Wyatt,
Counsel for Safe
Alternatives for
Future Energy
(79-318)

Requests all correspondence within the past two years regarding plans in the State of Virginia for any uranium mining, milling, conversion, enrichment, or reprocessing of spent fuels, or storage of any nuclear wastes.

Richard A. DeSantis,
Attorney
(79-319)

Requests, on behalf of his client, all records pertaining to [a named person].

D'On Voelzke,
Committee to Bridge
The Gap
(79-320)

Requests a bibliography of Docket 50-142 and any other files pertaining to the UCLA Nuclear Energy Laboratory.

Richard A. DeSantis,
Attorney
(79-321)

Requests, on behalf of his client, all records pertaining to [a named person].

Richard A. DeSantis,
Attorney
(79-322)

Requests, on behalf of his client, all records pertaining to [a named person].

Paul E. Pohler
(79-323)

Requests information concerning radioactive fallout from atmospheric testing during the years 1950-1970.

Douglas O. Lee,
Americans for
Nuclear Energy
(79-324)

Requests the previous employment for 40 named NRC employees.

CONTACT: J. M. Felton
492-7211

972350

Received, Cont'd

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

Requests, on behalf of her client, all records relating to [a named person].

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

Requests, on behalf of her client, all records relating to [a named person].

Alletta d'A. Belin,
Center for Law in
the Public Interest
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Requests, on behalf of her client, all records relating to [a named person].

Richard A. DeSantis,
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Richard A. DeSantis,
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(79-329)

Requests, on behalf of his client, all records pertaining to [a named person].

Thomas B. Cochran,
Natural Resources
Defense Council, Inc.
(79-330)

Referral from the Department of Energy of one document regarding retransfer approvals (MB-10's) for spent nuclear fuel of U.S. origin.

Granted

Diane E. Findley,
Science Applications, Inc.
(79-229)

Made available the non-proprietary version of the technical proposal submitted by Boeing Computer Services in response to RFP No. RS-NMS-79-028.

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

In response to a request for documents relating to the NRC's recent decision to recommend to the Department of Commerce that an export license not be granted to Westinghouse Electric Corporation, made available two documents.

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

In response to a request for documents prepared by foreign countries concerning the Three Mile Island incident, made available eight documents in the PDR.

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ENCLOSURE A

Granted, Cont'd

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

In response to a request for documents relating to the delay in construction and completion of the LaSalle Nuclear Power Station Units 1 and 2, made available four documents.

Barry Scott
(79-266)

In response to a request for documents relating to hazards to consumers and to the environmental resulting from the use and disposal of ionization type smoke detectors, informed the requester these records are located in the PDR.

Susan M. Pierce,
Lowenstein, Newman,
Reiss, Axelrad & Toll
(79-273)

Made available pages 1 through 7 of the request for proposal RS-NRR-79-134, "Tearing Stability Analysis for Light Water Reactor Piping", and the winning technical proposal submitted by Washington University.

David O. Thompson
(79-283)

In response to a request for all pages contained within Docket 70-734 regarding the shipment of uranium to General Atomic, informed the requester the NRC has located no documents.

(An individual requesting
information about himself)
(79-294)

Informed the requester the NRC has no documents relating to him in NRC's systems of records relating to medical, travel, personnel research and test validation, and radiation exposure information and reports files.

(An individual requesting
information)
(79-298)

Informed the requester the NRC has no documents relating to her deceased husband.

Paul E. Pohler
(79-323)

Informed the requester the NRC has no documents concerning radioactive fallout from atmospheric testing during the years 1950-1970.

John Raymond,
Mury Glass,
Common Ground
(79-A-19-79-272)

The requesters withdrew their appeal regarding deletions made in five documents concerning Karen Silkwood.

Denied

Martin O. Cohen,
Science Applications,
(79-107)

In response to a request for the contract proposal submitted by Science Applications, Inc. to the NRC in response to RFP RS-RES-79-193, its Amendment 1, and any modifications, made available SAI's "Best and Final" proposal. Denied SAI's business proposal and portions of SAI's technical proposal containing confidential business (proprietary) information.

972352

ENCLOSURE A

Denied, Cont'd

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

THE EDO DENIED ON APPEAL certain documents maintained
in the Labor Management and Employee Relations
Branch, O&P.

972353

ENCLOSURE A

DIVISION OF CONTRACTS

Week Ending August 17, 1979

PENDING COMPETITIVE REQUIREMENTS

1. RFP RS-OIE-79-263
Title - Vendor Selection and Data Collection System
Description - Development of a system to collect and categorize nuclear component vendor-related data and select vendors for inspection, based upon safety significance, inspection history, and other weighted criteria.
Period of Performance - Thirteen months
Sponsor - Office of Inspection and Enforcement
Status - Solicitation being developed

2. RFP RS-EDO-80-502
Title - Study and Review of Issues Concerning Equal Employment Opportunity at NRC
Description - Perform an assessment of NRC's EEO Program and prepare recommendations for improving EEO at NRC should the assessment reveal any areas requiring management attention.
Period of Performance - Nine months
Sponsor - Office of the Executive Director for Operations
Status - Solicitation being developed

IFB'S ISSUED

IFB RS-SEC-79-350
Title - Stenographic Reporting Services
Description - Furnish stenographic reporting services for hearings, press briefings, Commission meetings, security interviews, and other meetings as required.
Period of Performance - Two years
Sponsor - Office of the Secretary
Status - Solicitation issued August 14, 1979. Bid opening September 7, 1979.

RFP'S ISSUED

1. RFP RS-NMS-79-039
Title - SECOM Test
Description - Participation of a commercial transporter of special nuclear material in an extended field test to determine the increase in transportation safeguards capability which might result from the use of the SECOM Communications System.
Period of Performance - Eighteen months
Sponsor - Office of Nuclear Material Safety and Safeguards
Status - At the request of prospective offerors, the due date for receipt of proposals has been extended to August 31, 1979.

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ENCLOSURE A

2. 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 - Time for receipt of technical proposals extended to August 20, 1979.

PROPOSALS UNDER EVALUATION

1. 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 - Clarification letters received August 6, 1979 from offerors in competitive range. Copies forwarded to Source Evaluation Board for evaluation on August 7, 1979.
2. RFP RS-MPA-79-353
 Title - MPA Product Evaluation
 Description - Conduct an evaluation of 10 MPA management information products to determine the effectiveness and efficiency of each product.
 Period of Performance - One year
 Sponsor - Office of Management and Program Analysis
 Status - Proposals received August 3, 1979. Technical proposals provided to Source Evaluation Board for review and evaluation August 6, 1979.
3. 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 - Competitive range established on August 9, 1979. Discussions will be held with the offerors in the competitive range from August 17, 1979 through August 23, 1979.

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ENCLOSURE A

CONTRACT AWARDS

1. NRC-10-79-393
 Title - Key punching and Verifying Services
 Description - Key punching and verification of EAM cards, including pick up and delivery, key-to-tape data entry services, emergency key punching and verifying services in support of NRC's Controller's payroll system, and key punching and verifying services of classified information on site at Silver Spring offices.
 Period of Performance - One year
 Sponsor - Office of Administration
 Status - A fixed-price contract was fully executed on August 9, 1979 with the Small Business Administration and International Business Services, Inc., an eligible 8(a) minority concern, in the amount of \$76,885.66.

2. NRC-04-79-210
 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 deals with NRC's own emergency response.
 Period of Performance - Four months
 Sponsor - TMI Special Inquiry Staff (RES Funds)
 Status - Cost-plus-fixed-fee contract awarded to National Academy of Public Administration in the amount of \$89,395.00

ADMINISTRATIVE MATTERS

Invitation for bid (IFB) number RS-ADM-79-658 for Microfiche Services at Oak Ridge, Tennessee, was processed as a 100% small business set-aside procurement. The bid opening under this solicitation was held on August 10, 1979. The apparent low bid was submitted by Microtech Industries, Inc., (MI) which certified that it was a small business concern as required by the solicitation package. On August 15, 1979, Division of Contracts received a telegram from Engineered Systems, Inc., (ESI) protesting the award of a contract to MI alleging that MI was not a small business concern.

In accordance with FPR Subpart 1-1.703, the Contracting Officer forwarded a letter to SBA requesting a determination as to the small business status of MI. If SBA determines MI to be other than a small business concern, MI will be eliminated from further consideration for award and the contract will be awarded to the second low bid.

972356

ENCLOSURE A

2. NRC Manual Chapter 5103 - NRC Review of Contractor Invoices - has been released and is now applicable to all invoices submitted by NRC contractors.

This review process establishes a requirement for all NRC project officers to assess individual contractor's performance, as well as to review costs billed and to answer specific questions relating to performance on the NRC Form 292. The invoices are then forwarded to the Division of Contracts for an in-depth business review to determine allowability of costs billed. It is expected that this system will provide that potential contract difficulties will be determined early enough to enable corrective action to be taken by the NRC before such potential problems materialize.

972357

OFFICE OF NUCLEAR REACTOR REGULATION
WEEKLY ITEMS OF INTEREST

(Week Ending August 17, 1979)

Beaver Valley 1

On August 8, 1979, NRR issued an Order terminating its March 13, 1979 Show Cause Order relating to the seismic designs of safety related piping systems. That Order required the plant to be shut down until acceptable reanalysis and modifications could be made. On August 9, 1979, the staff met with the licensee to resolve some outstanding concerns related to the environmental qualifications of certain electrical equipment before the plant was returned to power operation.

These concerns were resolved to the Staff's satisfaction and the licensee indicated that it expects to have the plant back on line by August 17, 1979.

Vermont Yankee

On August 9, 1979, the licensee reported leakage of reactor coolant into the drywell of approximately 4 gpm. Inspection revealed moisture on one of the recirculation loop discharge valves. Reactor shutdown was commenced and was in Cold Shutdown within the 24 hours permitted by the Technical Specifications.

A PN and Press release were issued because of media interest to nuclear plant issues.

Repair of leaking valve packing was completed and the plant returned to power on 8/12/79.

Report of the Siting Policy Task Force

The Report of the Siting Policy Task Force was sent to the Commission. In June 1975 the Commission requested that the staff draw together nuclear reactor siting related information and develop a comprehensive statement of Commission siting policy and practice. The Report of the Siting Policy Task Force (NUREG 0625) is the culmination of this effort.

As a consequence of reviewing the siting policy and practice leading to preparation of the Report, the Task Force identified a number of areas in which changes or clarification to current siting policy and practice are recommended. These recommended changes are included in Section 3 of the Report and were made with the following goals in mind:

- a. To strengthen siting as a factor in defense in depth by establishing requirements for site approval that are independent of plant design considerations.
- b. To take into consideration in siting the risk associated with accidents beyond the design basis (Class 9) by establishing population density and distribution criteria.
- c. To require that sites selected will minimize the risk from energy generation.

972358

ENCLOSURE B

Point Beach 1

On August 5, 1979, Point Beach 1 was found to have a leak of 1.5 gpm in steam generator A, and it was brought to cold shutdown for a steam generator inspection. The inspection showed one tube a "gusher" and two tubes "weepers." The leaks were in the kidney shaped area of the hot leg that had less flow through it than the rest of the generator. There were no cold leg leaks.

An initial eddy current test of 6 percent of the tubes found 15 tubes pluggable. This was followed by a test of all tubes in the hot leg which indicated a total of 52 tubes required plugging. All of the tubes were in the hot leg, all in the crevice area about one inch below the top of the tube sheet.

The B generator is currently being tested and 52 tubes have been found to need plugging through August 13, 1979. The tests and plugging are expected to be completed this week. A 24 hour notice has been sent to Region III, and a 14-day report will be issued August 24, 1979.

Point Beach 1 had been showing a small steady leakage (15 gpd) from May through July. During startup, after a maintenance outage on August 4, 1979, this leak increased leading to the inspection. Point Beach 1 steam generators have been sludge lanced during each refueling since 1974. WEPCO is considering numerous actions such as chemical cleaning, mechanical plugging (permits tubes to be pulled and examined at a later date), and multi frequency eddy current techniques which would help to understand and correct the problem.

Crystal River Unit No. 3

A news story regarding radiation leakage at Crystal River 3 was broadcast on the Orlando, Florida Channel 9 news at 6 p.m., August 13, 1979. As a result State of Florida health physics personnel were sent to CR-3. A Florida Power Corporation employee was cited as the news source.

CR-3 is operating at 100% power having recently restarted from a refueling outage. The plant is experiencing some reactor coolant leakage (to containment and to the secondary system) but this leakage is well within Technical Specification limits and did not develop immediately prior to the TV news story.

Peach Bottom Units 2 and 3

On August 14, 1978, Philadelphia Electric Company (PECo) reported to OIE that they have identified 122 valves for which they do not have documentation that they are seismically qualified. Of the 122, only 4 are larger than 2". These 4 are 6" valves on the cooling water lines to the diesel. PECo has verified that the purchase specs require them to be seismically qualified and have discussed the issue with the valve manufacturers (BSB). PECo feels the problem is one of documentation only. IE is issuing a PN on this item.

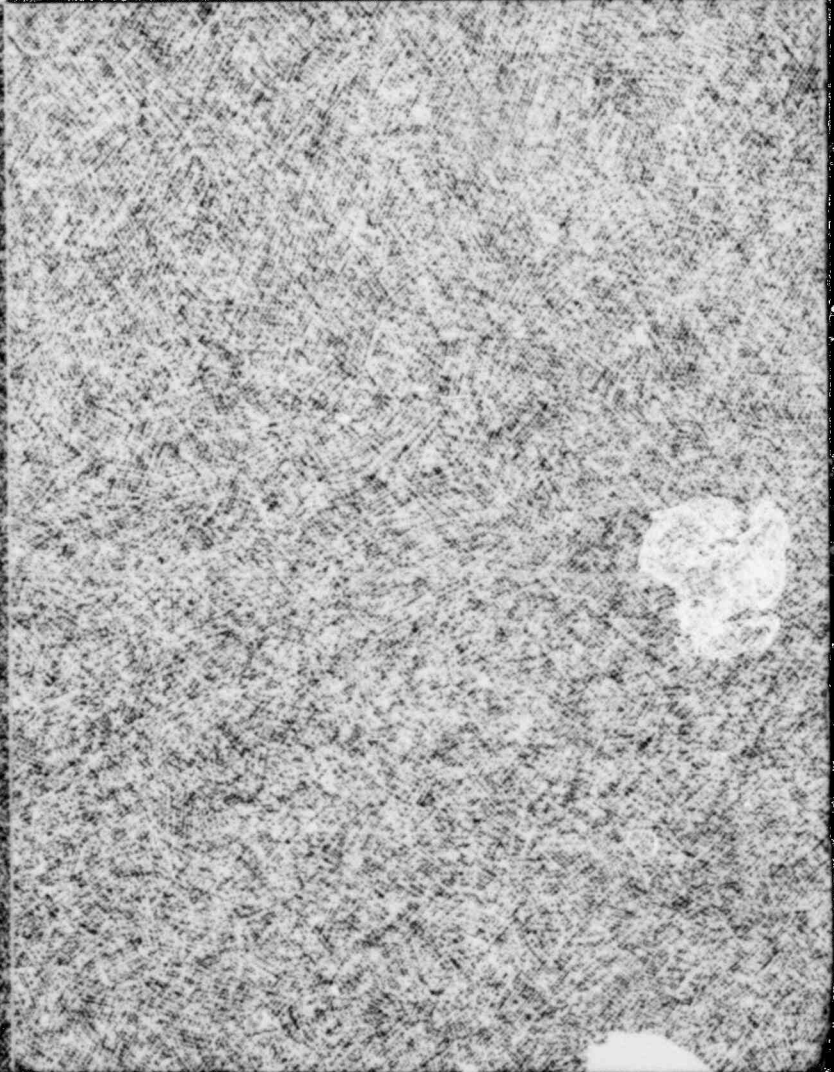
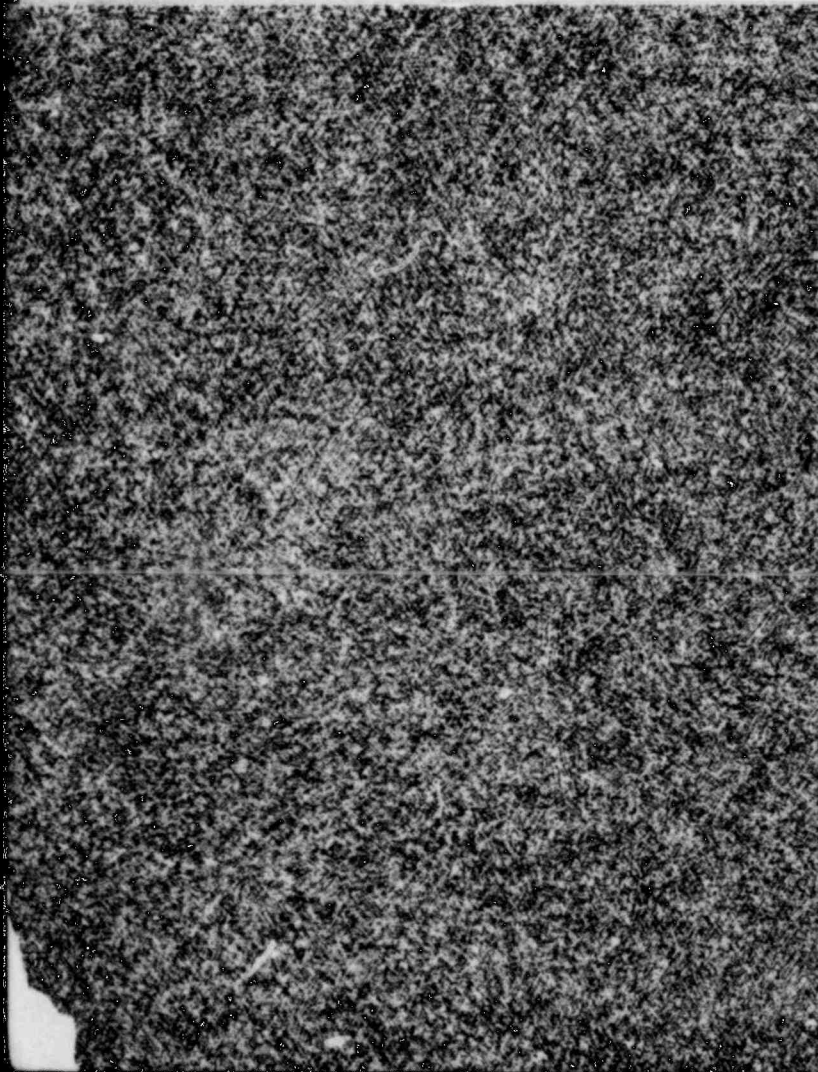
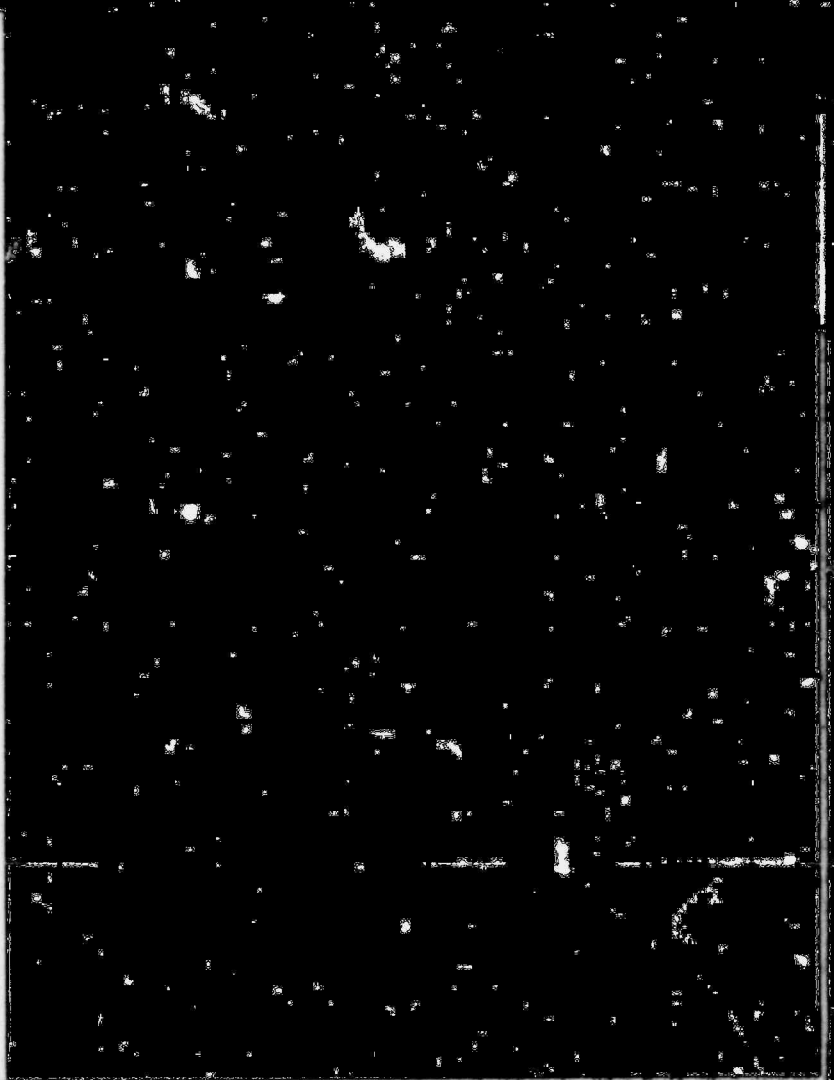
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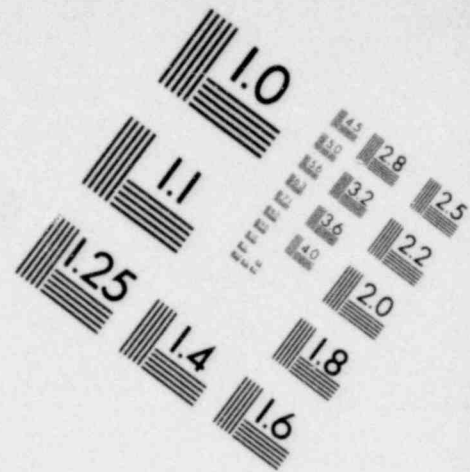
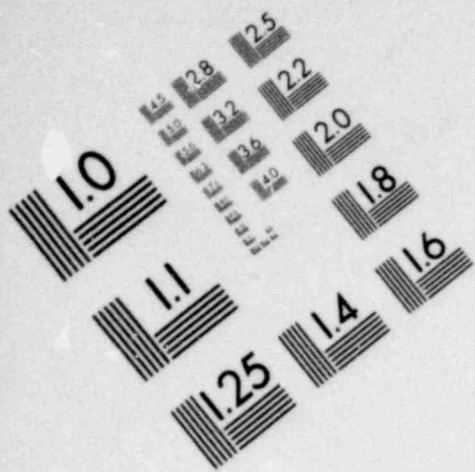
Kewaunee Nuclear Plant

On Thursday, August 9, 1979, the Kewaunee Nuclear Power Plant was shut down to repair a pressurizer safety valve leaking at the rate of .87 gpm. The licensee anticipates a five-day shutdown to repair the leak. Startup scheduled for August 15, 1979.

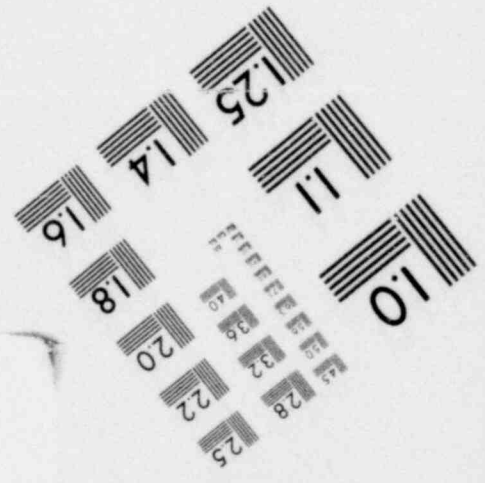
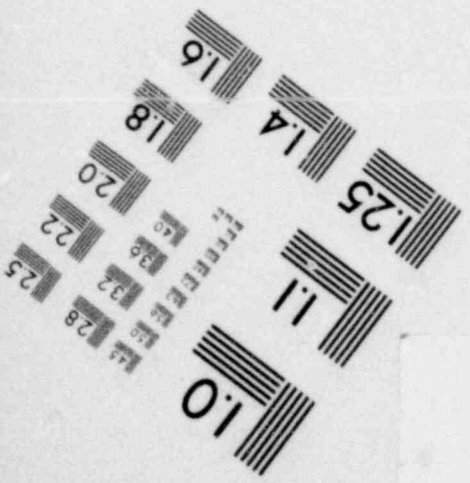
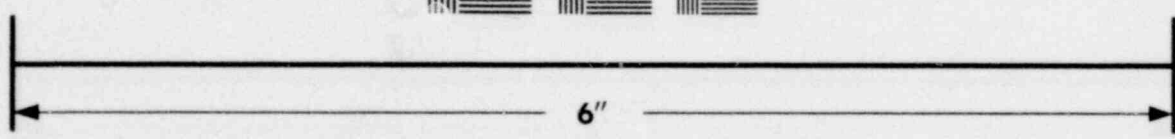
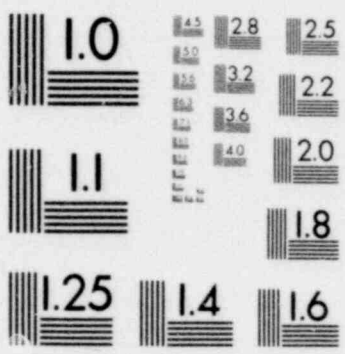
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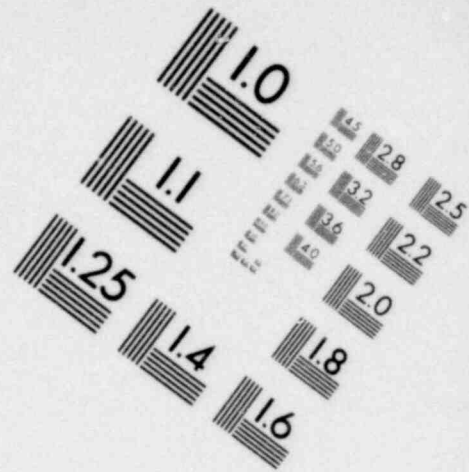
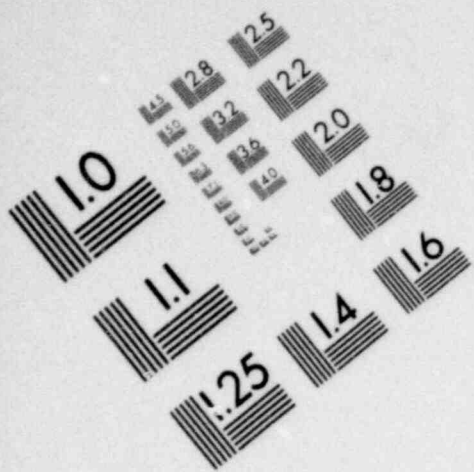
ENCLOSURE B



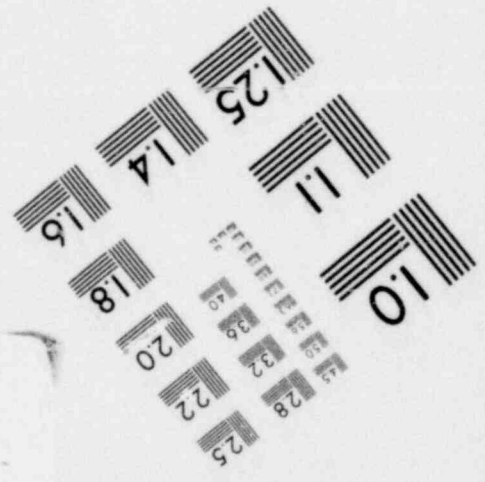
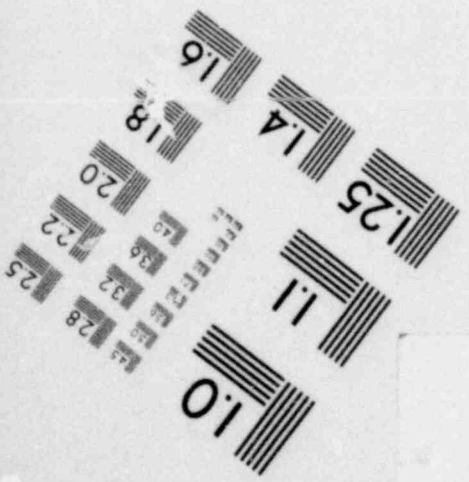
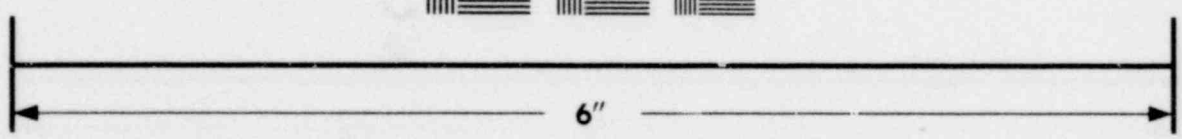
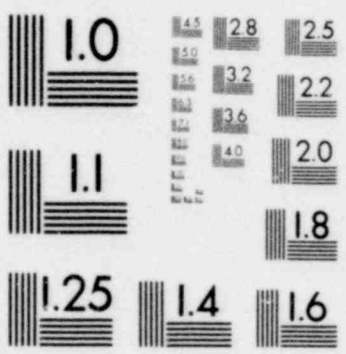


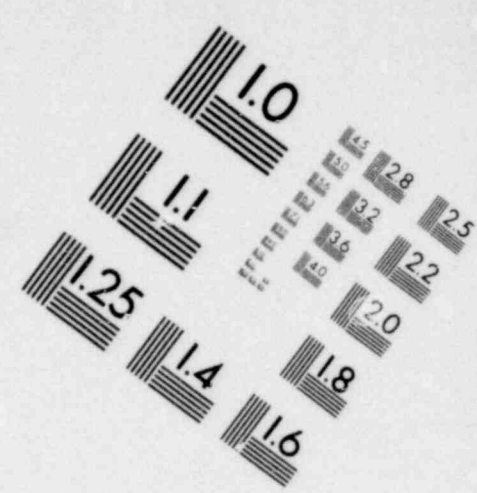
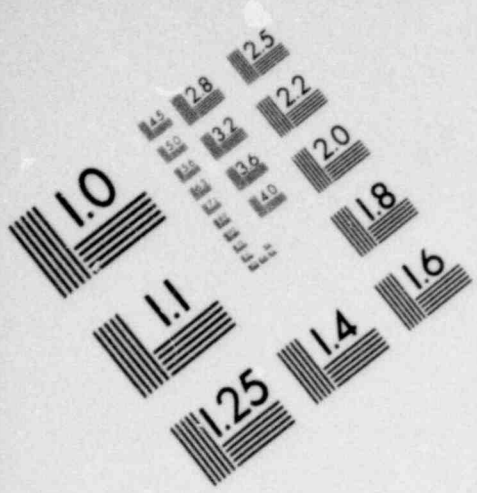
**IMAGE EVALUATION
TEST TARGET (MT-3)**



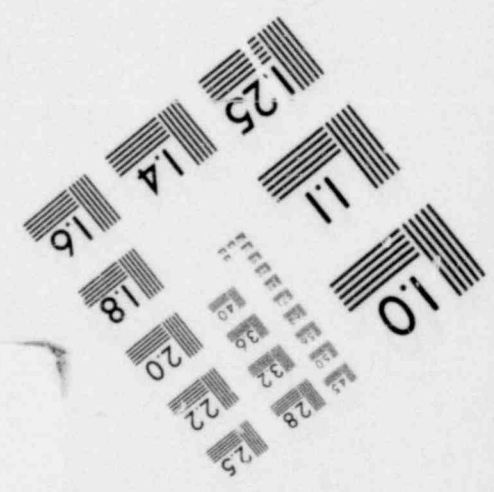
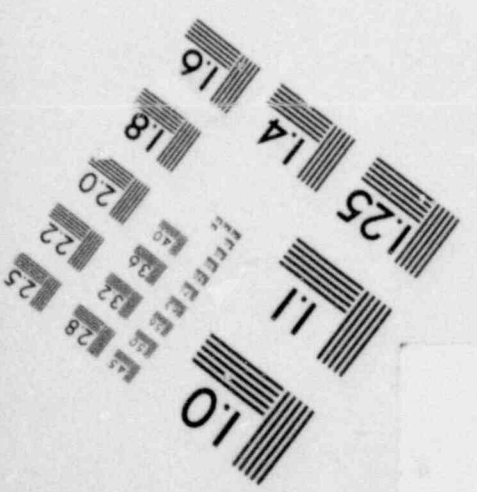
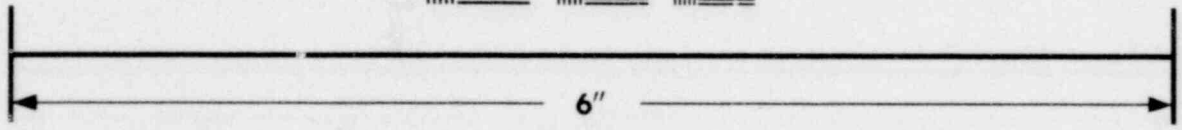
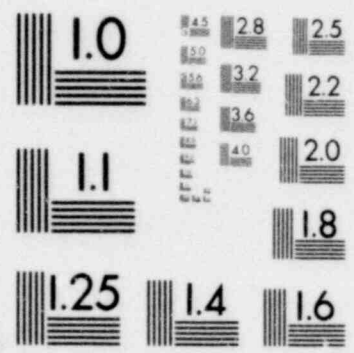


**IMAGE EVALUATION
TEST TARGET (MT-3)**





**IMAGE EVALUATION
TEST TARGET (MT-3)**



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	68		
Number of reviews completed	58		
Number of plants remaining	10		
Number of plants originally scheduled for July	11	Actual completed	10
Number of plants originally scheduled for Aug.	5	Actual completed	3
Number of plants originally scheduled for Sept.	6*		
Total Number of SER supplements required	49		
Number of SER supplements issued	3		
Date by which all SER supplements issued	April 1981		

*We are attempting to accelerate these reviews into August.

POOR
ORIGINAL

973001

ENCLOSURE B

SEISMIC SHUTDOWN PLANTS
STATUS AS OF 8/8/79

"5 Plant Shutdown"

MAINE YANKEE - Restarted 5/24/79
BEAVER VALLEY - Order permitting restart issued 8/8/79
FITZPATRICK - Order permitting restart issued 8/14/79
SURRY 1 - Restart week of 8/20/79. Proposed order and SER has
been approved by the Commission.
SURRY 2 - Restart in late November. Steam Generator replacement
in progress.

Baseplate/Anchor Bolt Shutdown Plants

OCONEE 3 - Restart 9/15
FARLEY 1 - Restart 9/1

973002

ENCLOSURE B

FEEDWATER CRACKS PLANTS

I&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:	11
Plants with Cracks evaluated:	10
restarted:	7

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ORIGINAL

973003

ENCLOSURE B

Plant	Plants with cracks # of Nozzles with Indications	# of Through Wall	Cause	Follow-on Insp. Results	NRC Labs Analysis
Cook 1/2	8 of 8	2	Corrosion assisted Fatigue	N/A	BNL/
ewaunee	2 of 2	-	Corrosion assisted fatigue	N/A	BNL/
Salem 1	4 of 4	-	Corrosion assisted fatigue	N/A	BNL/
Robinson 2	3 of 3	-	Corrosion assisted fatigue	N/A	BNL/
Beaver Valley 1	3 of 3	-	Corrosion assisted fatigue	No Indications	BNL/
San Onofre	3 of 3	-	Stress Assisted Corrosion	N/A	BNL/
pt. Beach 2	2 of 2	-	Stress Assisted Corrosion	N/A	BNL/
Surry 1/2	6 of 6	-	Unknown	Indications in Feedwater line welds	BNL/
North Anna 2	1 of 3	-	Slight indication may not be a crack	N/A	
Ginna	2 of 2	-	Unknown	N/A	

POOR ORIGINAL

973004

STATUS OF PLANTS SHUTDOWN
FOR OTHER REASONS

Big Rock Point	Control Rod Drive Leak	Restart 10/1/79
Dresden 1	ECCS Inspection	Restart 4/80
Hatch 1	Reload	9/1/79
Indian Point 1	ECCS	Restart ?
Indian Point 2	Reload	Restart 9/12/79
Three Mile Island 1	Order	Restart ?
Three Mile Island 2	Accident	Restart ?

973005

ENCLOSURE B

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING AUGUST 17, 1979

1. R. Minogue, as the NRC member of the Council of Environmental Quality's Toxic Substances Strategy Committee (TSSC) has received an advance copy of the Committee's final Draft Report to the President. The executive summary of the report was published in the Federal Register on August 16, 1979. Initial chemical industry, and some press, reaction has been hostile.

NRC staff has contributed appreciable effort to the development of the content of this report. Although radiation is not within its scope, a number of the recommendations and principles developed in the report could be applied to radiation protection and are relevant to NRC programs.

The Federal Register Notice stresses that the draft does not necessarily represent final member Agency views. As this is NRC's last chance at input, copies of the report are being distributed to relevant Offices and to the TSSC Task Group participants for a single intensive Agency review. Coordinated NRC comments will be submitted to the Commission for its review before forwarding to the TSSC. Deadline for comments from staff is September 10, 1979.

[R. Grill, 443-5966]

2. Under the Clean Air Act, the Administrator of EPA is required to list hazardous air pollutants by August 1979. A Federal Register Notice announcing that radionuclides, including source, byproduct, and special nuclear material, have been determined to be hazardous air pollutants has been prepared by the Deputy Assistant Administrator for Radiation Programs for the Administrator's signature. The Clean Air Act also requires that follow-on EPA actions will include (1) issuance of an advance notice of proposed rulemaking in September 1979, (2) issuance of proposed Clean Air Act standards by February 1980, and (3) completion of an NRC/EPA interagency agreement, also by February 1980, on implementation of the Act.

[I. C. Roberts, 443-5985]

Regulatory Guides to be Issued in the Near Future

Title: Standard Format and Content for a Renewal Application for Uranium Fuel Fabrication Plants

Expected Issuance Date: September 1979

973006

Description: This guide was prepared to provide format and content guidance in the preparation of a renewal license application for uranium fuel fabrication plants to facilitate an orderly review. The renewal application format consists of two major parts. The first part contains applicant information and license conditions and the second part contains the detailed safety demonstration and descriptive information.

Contact: Frank J. Witt (443-5910)

ENCLOSURE C

Publications Issued During the Week of August 13-17, 1979

Draft Regulatory Guide and Value/Impact Statement - Inservice Inspection Code Case Acceptability, ASME Section XI, Division 1 - Task SC 721-4
[Comments requested by October 10, 1979]

Draft Regulatory Guide and Value/Impact Statement - Proposed Revision 3 to Regulatory Guide 1.33, Quality Assurance Program Requirements (Operation) Task RS 902-4 [Comments requested by October 12, 1979]

NUREG-0554 - Single-Failure-Proof Cranes for Nuclear Power Plants
[NUREG-0554 replaces Regulatory Guide 1.104, "Overhead Crane Handling Systems for Nuclear Power Plants". Regulatory Guide 1.104 has been withdrawn.]

973007

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending August 17, 1979

Oconee-McGuire Hearing

The Licensing Board Hearing for the proposed shipment of spent fuel from the Oconee reactor to the McGuire reactor resume in Charlotte, North Carolina, on August 6 and continued through August 9. The staff is appealing the board's decision to hold public hearings on matters which would involve disclosure of specific routes.

Spent Fuel Shipment Rule

The public comment period for the Safeguards Spent Fuel Shipment Interim Rule ends Friday, August 17, 1979. A number of comments have been received, and it is anticipated that certain revisions to new regulations will result.

Meeting with Department of State

Representatives of NMSS and IP met on August 14 with the Director, Office of Export and Import Control (DOS). The purpose of the meeting was to discuss in detail approaches for obtaining safeguards information that were agreed upon at the August 2 meeting between NRC personnel and the Executive Branch. A report to the Commission on both meetings has been prepared by NMSS and is now being coordinated with IP and OPE.

Safeguards Consolidation

Six members of the Division of Safeguards have been assigned to full time duties related to the transfer of all reactor safeguards activities to NMSS. Coordination with appropriate personnel in NRR has begun to identify those areas which require immediate attention to assure an orderly transfer of functions.

ENCLOSURE D

973008

Probabilistic Hazard Analysis for Medical, Academic and Industrial Licenses

Work has started as a cooperative effort between the Material Licensing Branch and the Procedures and Certification Branch to evaluate the use of probabilistic hazard analysis for medical, academic and industrial licenses. Initial criteria for the selection and/or rejection of generic groups of licenses has been developed. A systematic review of each licensing group will now be performed.

Management Meeting at Region I Headquarters

On Friday, August 10, a representative from the Material Licensing Branch, NMSS, attended a management meeting at Region I Headquarters to discuss compliance procedures and medical distribution practices with representatives from Diagnostic Isotopes, Inc. It is expected that this, and similar meetings planned for the future, will result in a more precise definition of licensees' obligations under the terms of the medical distribution licenses (Nuclear Pharmacies).

Consolidation of the University of Alaska Licenses

The initial review of the University of Alaska's request to renew Material License No. 50-02430-07 and consolidate their non-irradiator licenses into a single license has been completed. This application was submitted in cooperation with a request from the Material Licensing Branch and Region V inspection personnel. The final renewed licenses will reduce the number of licenses issued to the University of Alaska from thirteen (13) to two (2) and will allow for greater management control over the use of radioactive material.

Decontamination of the Army's Weldon Spring Chemical Plant

Material Licensing Branch staff met with U.S. Army representatives to discuss the Army's plans for compliance with the order to provide a plan for decontamination of the Army's Weldon Spring Chemical Plant located near St. Louis, Missouri. The Army representatives provided the results of a detailed survey of the facilities conducted at Weldon Spring by its contractor. The elements needed for the decontamination plan were discussed. The Army representatives indicated that the plan would be provided in the time frame specified in the order.

973009

Gulf Mineral Resources Company, Mount Taylor Project

Gulf Mineral Resources Company (GMRC) submitted to the Uranium Recovery Licensing Branch an application to possess the uranium mill tailings (byproduct materials as defined in the Uranium Mill Tailings Radiation Control Act (UMTRCA) of 1978) to be produced at the proposed Mount Taylor Project. The project includes a proposal for a conventional, acid leach uranium mill with a 4,200 ton per day capacity to be located near San Mateo, New Mexico. Although New Mexico is an Agreement State, the UMTRCA requires that a byproduct material license be obtained from NRC to possess tailings.

Ogle Petroleum, Inc., Files for New Facilities In-Situ Mining License

Ogle Petroleum, Inc., operator for a joint venture known as OPI-Western Joint Venture, has filed for a source material license with the Uranium Recovery Licensing Branch for a production scale in-situ operation in southern Fremont County, Wyoming.

Meeting with AIF

On August 14, 1979, R. E. Browning, Deputy Director, Division of Waste Management, met with the Radioactive Waste Subcommittee of the Atomic Industrial Forum to bring to their attention the seriousness of the low-level waste packaging, transportation and disposal problem. The actions NRC was taking as described in Chairman Hendrie's letters to the three Governors of the states containing the commercial burial sites were noted. Emphasis was placed on the need for the principal waste generators to take an active role in ensuring sufficient regional low-level waste disposal capability. The Subcommittee plans to meet again on September 19, 1979, to determine ways in which waste generators can take an active and innovative role in encouraging the development of more regional disposal capability.

973⁰10

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending August 17, 1979

1. Twin City Testing and Engineering Laboratory, Inc., St. Paul, MN - Civil Penalty Action - On August 14, 1979, the Commission received a check from the subject licensee in the amount of \$2,500 in full payment of the civil penalty imposed by Order on July 12, 1979.
2. The following Notifications of Significant Enforcement Action were dispatched during the past week:
 - a. EN-79-06 Public Service of Indiana (Marble Hill Unit 1 & 2) - On August 15, 1979, an Order Confirming Suspension of Construction was issued to the subject licensee. The Order confirms the licensee's action in issuing a stop work order on August 7, 1979 for all safety related construction activities.
 - b. EN-79-07 University of Wisconsin - A Notice of Violation and a Notice of Proposed Imposition of Civil Penalties in the amount of \$15,700 was issued to the subject licensee on August 15, 1979. This action is based on six alleged items of noncompliance related to radiological safety
 - c. EN-79-08 and -08A Virginia Electric and Power Company (Surry Unit 2) - A Notice of Violation and a Notice of Proposed Imposition of Civil Penalties in the amount of \$15,000 was issued to the subject licensee on August 15, 1979. This action is based on six alleged items of noncompliance related to radiological safety and reporting requirements.
3. Preliminary Notifications relating to the following actions were dispatched during the past week:
 - a. PNO-79-326 General Electric Co., Wilmington, NC - Plant Trash Used in Landfill - A trash disposal contractor delivered four loads of unrestricted plant trash as a landfill. A plant employee noticed white coveralls in the material which were subsequently found to be slightly contaminated. The coveralls were recovered for disposal at an authorized site. (Closed)
 - b. PNO-79-327 South Texas Project Unit 1 - Lightning Strike - On August 9, lightning struck a construction electrical panel. Although there was no damage to other equipment or structures, approximately 40 people reported receiving some shock. (Closed)
 - c. PNO-79-328 Palisades - Region III (Chicago) issued an Immediate Action Letter to Consumers Power Co. on August 10, 1979. This action was taken following discovery of water in a shipment of radioactive waste sent to a burial facility. The licensee has made commitments for corrective actions prior to making additional shipments. (Closed)

POOR
ORIGINAL

973011

ENCLOSURE E

- d. PNO-79-329 Pilgrim - Immediate Action Letter Issued to Address Concerns Associated with a Violation of Primary Containment Integrity - On August 10, 1979, Region I (Philadelphia) issued an Immediate Action Letter to Boston Edison Co. This action confirmed commitments made by the licensee related to a violation of containment integrity which lasted for about seven hours. (Closed)
- e. PNO-79-330 Robinson Unit 2 - Media Interest in Steam Release - Following a load reduction on August 11, the licensee started increasing generator output. A steam buildup in the turbine caused the moisture separator reheater safety valves to open for about two minutes. There was local media interest because of the noise involved in the steam release. (Closed)
- f. PNO-79-331 City of Saginaw, Michigan - Vandalism of Soil Testing Gauge - A surface moisture density gauge containing 10 millicuries of Cs-137 and 50 millicuries of Am-241 was vandalized at a road construction site. Although some electronic parts were damaged, the sources and shielding remained intact. (Closed)
- g. PNO-79-332 Three Mile Island Unit 2 & Nuclear Engineering Co., Richland, Washington - Arrival and Offloading at NECO of Compacted Low Specific Activity (LSA) Trash from TMI Unit 2 - On August 10, 1979, a shipment of 157 55-gallon drums of LSA waste from TMI Unit 2 arrived at the NECO burial facility. The shipment was offloaded without incident on August 11. All of the barrels were in good condition. (Closed)
- h. PNO-79-333 Arkansas Nuclear One Unit 1 - Trip of Unit 1 from 90% Power - Following a failure in the turbine control circuit, Unit 1 tripped from about 90% power. Repairs were made and the unit was restarted. (Closed)
- i. PNO-79-334 Crystal River Unit 3 - Media Escalation of Primary to Secondary Leak Reports - There was considerable media interest in a small primary to secondary steam generator tube leak at Crystal River 3. NRC inspectors confirmed that no regulatory limits were exceeded. No radioactivity levels in excess of natural background were detected either offsite or onsite. (Closed)
- j. PNO-79-335 Peach Bottom Units 2 & 3 - Uncertified Seismic Class I Valves - The licensee reported that 122 valves in Seismic I systems were not documented as being seismically qualified. Preliminary contact by the licensee with the manufacturer indicates that the valves are qualified. The licensee expects to receive qualification certification based on analyses conducted for other power plants. (Closed)
- k. PNO-79-336 Three Mile Island Units 1 & 2 - Radioactive Contamination on Hands of Worker - An individual contaminated the fingers of both hands when he picked up a torn bag of respirators. Initial decontamination was not completely successful; however, additional decontamination is planned. (Closed)

973012

ENCLOSURE E

1. PNO-79-337 Surry Unit 2 - Apparent Overexposure at Surry - A contract construction employee received an apparent exposure in excess of the 1250 millirems limit. Part of the exposure may have been overestimated due to the conservative dosimeter reading technique used by the licensee. Additional evaluation will be performed. (Closed)
- m. PNO-79-338 University of Virginia, School of Medicine, Charlottesville, VA - Unauthorized Transport of Tritium by Passenger in Civil Aircraft - The licensee reported that a student transported seven millicuries of tritium solution in his coat pocket on a round trip from Charlottesville, VA to New Haven, Conn. The trip was made by civil aircraft. The licensee will submit a written report of the matter. (Closed)
- n. PNO-79-339 Crystal River - Trip on High Reactor Pressure - One of four reactor coolant pumps was secured after reducing reactor power to approximately 70 percent due to problems with seal flow. The unit has been returned to power operation with three RCP's. (Closed)
- o. PNO-79-340 Oyster Creek - Unplanned Liquid Radioactive Release - On 8/13/79, approximately 2300 gallons of rain water which had collected in the coffer dam surrounding the chromate water storage tank, was erroneously discharged to the station discharge canal instead of being transferred to the radwaste system. Resulting release to the environment was less than 0.1% of the MPC and no license condition appears to have been violated. (Closed)
- p. PNO-79-341 Crystal River Unit 3 - Reactor Trip due to Feedwater Flow Oscillation - On 8/16/79, while recovering from an earlier reactor trip (PNO-79-339), at 45% power, a reactor trip on high pressure occurred due to a feedwater flow oscillation. All safety systems functioned as designed. The unit is presently being returned to power operation. (Closed)
- q. PNO-79-342 Marble Hill Units 1 & 2 - Licensee - NRC RIII Management Meeting concerning "Order Confirming Suspension of Construction," dated August 15, 1979 - On 8/15/79 a meeting was held in RIII and the licensee acknowledged understanding of the issues outlined in the order. It appears on the basis of the discussions that the licensee is in the process of taking appropriate corrective actions for each of the concerns. (Closed)
- r. PNO-79-343 Zimmer Unit 1 - Media Interest on Allegations related to the Firing of a QA Inspector - Media interest as well as that of a staff member of a House subcommittee dealing with the NRC was generated on 8/16/79, as a result of the firing of a QA inspector at the Zimmer facility. The committee staff member requested and has been given the name and telephone number of the QA inspector as requested. (Closed)
- s. PNO-79-344 Millstone Unit 2 - Crack in Feedwater to Steam Generator Weld - The licensee has classified the indication as a crack, and the consultant evaluating the radiography is also questioning the corresponding No. 1 SG weld. Evaluation is continuing, and the licensee envisions discussing his detailed analysis and plans with NRR next week. (Closed)

973013

ENCLOSURE E

- t. PNO-79-345 Waterford Unit 3 - Construction Deficiency - The licensee reported on 8/15/79, a construction deficiency related to improper placement of concrete in the Reactor Containment Shield Building parapet. Form removal revealed honeycombing and areas of inadequate consolidation in the concrete exterior. Cores are being taken to determine if internal voiding has occurred. (Closed)
- u. PNS-79-87 Tennessee Valley Authority, Power Operation Support Facility - Radioactive Materials Hoax - On 8/1/79, the Associated Press in Nashville, Tennessee, received an anonymous telephone call that 300 grams of radioactive material would be released inside a TVA power operation support facility in Nashville. The event did not involve any TVA facility licensed by the NRC. TVA notified the FBI and the State of Tennessee has been informed. (Closed)
- v. PNS-79-88 Diablo Canyon Unit 1 - Bomb Threat - On 8/10/79 the office of Pullman Power Products (air craft contractor at Diablo Canyon) was informed by an unknown caller that a bomb was set to go off at 7:00 on the pipe racks on the containment building. No bomb was found. (Closed)
- w. PNS-79-89 Surry Unit 1 & 2 - Bomb Threat - On 8/16/79, the Daniel Construction Company was informed by an unknown caller that a bomb would go off in one hour in the Unit 2 containment. Search procedures were initiated with negative results. (Closed)

973014

OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

FOR THE WEEK ENDING AUGUST 17, 1979

General Electric Morris Operation Spent Fuel Storage Facility

On August 13, 1979, the Licensing Board established to rule on petitions for leave to intervene and requests for a hearing granted petitions filed by the State of Illinois and four individuals with respect to the application by General Electric for renewal of its materials license for the Morris fuel storage facility and issued a Notice of Hearing on the application. The Board denied the petition for leave to intervene filed by Appleseed, an incorporated organization, with leave for Appleseed to file supplemental information to correct the deficiencies noted in its petition within fifteen days.

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

On August 14, 1979 the Hartsville Appeal Board (ALAB-558) resolved an issue involving the effects of diffuser construction on an endangered mussel, thus ending this appellate review except for the generic radon matter. The Board had asked the applicant and staff to submit supplemental memoranda with respect to a plan to monitor impacts on an endangered mussel from diffuser construction. In lieu of memoranda, the parties submitted a stipulation calling for significant additions to the portion of the monitoring plan which addresses the diffuser excavation period. The Appeal Board found that the stipulation constituted a satisfactory resolution of the issue.

973015

ENCLOSURE G

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING AUGUST 17, 1979

INTERNATIONAL COOPERATION

Proposed Arrangement Activity

IP this week proposed that the Philippine Atomic Energy Commission incorporate the recently approved (SECY 79-95A) non-proliferation language into the draft NRC-PAEC information exchange and cooperation arrangement it has under consideration. If accepted, this proposal and one minor change to the list of LWR safety research underway, would clear the way for a signature.

IP has similarly sent a clean copy of the NRC-Mexican National Commission for Safety and Safeguards draft arrangement to Mexico, in follow-up to June 1979 discussions with CNSNS Technical Secretary Ruben Bello.

IP is also following up Wednesday's meeting with Dr. Effat of the Egyptian AEC with a reporting cable specifically on the proposed arrangement discussions, to the U.S. Embassy in Cairo.

EXPORT/IMPORT AND INTERNATIONAL SAFEGUARDS

Meeting with Zirconium Western, Inc.

On Tuesday, Mr. S. A. Weber, President, and Mr. Thomas M. Zidow, Marketing Manager, of Zirconium Western, Inc. and Dixon Hoyle, Westinghouse Electric, met with staff members from Commerce, DOE, State and M. Peterson and E. Hemby of NRC/IP to discuss licensing policy and procedures for exports of Zirconium. The meeting covered NRC vs. Commerce licensing jurisdiction, foreign availability, end uses, and the possibility of receiving broad export licenses to a number of destinations.

973016

ENCLOSURE H

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING AUGUST 17, 1979

Emergency Preparedness

Robert DeFayette, SP, met with representatives of Massachusetts, Maine, New Hampshire, and Vermont to discuss the status of radiological emergency response planning in those States. In each case, except Massachusetts, the Governor's special coordinators for radiation emergency planning was present. The Governors of the four States have agreed to develop a regional plan as part of their individual State plans which will assure coordination and cooperation of the States in responding to a radiological emergency.

In addition, the New England Regional Commission passed a resolution, introduced by Governor Snelling of Vermont, calling for cooperation among the States in such an emergency. The resolution calls for the New England States to review existing compacts, mutual aid agreements, plans, statutes, and regulations relating to interstate and regional radiological emergency preparation for consistency and comprehensiveness and to report their findings at the fall meeting of the New England Regional Commission.

At the individual meetings of each of the four States, they all committed to having a draft plan to NRC for review within 6 months. Target dates are: Maine - January 30, 1980; Massachusetts - early November 1979; New Hampshire - December 30, 1979; Vermont - October 30, 1979. At a combined meeting involving Vermont, New Hampshire and Massachusetts, officials of Vermont stated they would draft the tri-State coordination annex and send it to the other two States for review. The three States also reiterated their intent to formalize their cooperation by such an annex.

Following the meeting with New Hampshire, Mr. DeFayette met briefly with Governor Hugh Gallen. Governor Gallen stated his concerns about interstate cooperation and said it was a necessity in New England because the States were so small. Mr. DeFayette told the Governor that the NRC is also very interested in the New England regional plan. He also told the Governor that other facilities (e.g., Portsmouth Naval Shipyard) should also eventually be included in the State radiological emergency response plan - Governor Gallen agreed.

State Agreements

Notice of Non-Routine Event in an Agreement State No. 79-12B was issued closing out a report of overexposures of three persons during a loss of a radiography source in the Gulf of Mexico.

The staff assessment of the proposed section 274b agreement between NRC and the State of Rhode Island was published in the Federal Register for comment for four consecutive weeks beginning June 29, 1979. No comments were received.

973017

ENCLOSURE I

Program Development

The State of Georgia conducted a year-long program for the surveillance of radioactive materials in transport within and through its border between August 1977 and September 1978. The study, conducted under NRC/DOT contract, is reported in the newly published NUREG/CR-0931. The State will soon conclude the second year of surveillance and intends to continue for a third year.

Representatives of ORNL briefed representatives of SP, SD and SG on the Nuclear Legislative Data Base Program which they are developing. The program, presently, contains State and Federal laws and regulations on the transportation of radioactive materials. It is part of the logistical routing model which is being developed for DOE.

Met with staff of the Illinois Legislative Council to discuss nuclear materials transportation and decommissioning.

The South Carolina Department of Health and Environmental Control conducted a workshop on the transportation of radioactive materials, in Columbia, August 13-14, to update State and local officials, including law enforcement officers, regarding NRC and DOT regulations and programs involving transportation. The 50 attendees were principally from the southeastern States, but included representatives of Duke Power Company, TVA, Chem Nuclear, as well as several common carriers. Vern Hodge of NMSS spoke on "Packaging Requirements and Cask Certification," and Marie Janinek of SP described the NRC/DOT contractual program whereby States monitor the transportation of radioactive materials.

The State of Missouri has some problem accepting the routing for overweight shipments of TMI - Unit 2 wastes. Seven other States have asked that their State Police be notified by Met Ed when TMI - Unit 2 rad waste crosses the State. We asked TMI Support, NRR to assist in responding to these State requests.

973018

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

WEEK ENDING - August 17, 1979

Abnormal Occurrence at Surry

Sent Federal Register notice for publication on damage to new fuel assemblies.

Emergency Preparedness

For the EDO, prepared draft executive summary of the Task Force's report. Also summarized offices' tasks on a problem-related basis to assist EDO and Commission in their review of the report.

973019

ENCLOSURE J

CALENDAR OF SIGNIFICANT EVENTS
TWO WEEK PERIOD ENDING SEPTEMBER 4, 1979

August 24 Pilgrim 2 - SER Supplement to be issued addressing
IMI-2 matters.

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

973920

ENCLOSURE L

CALENDAR OF SPEAKING ENGAGEMENTS

- 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

973021

STATUS OF NUCLEAR POWER PLANTS — JULY 31, 1979

<u>Number Of Units</u>	<u>Rated Capacity (MWe)</u>
*70 LICENSED TO OPERATE	51,000
** 91 CONSTRUCTION PERMIT GRANTED	100,000
37 Under Operating License Review.....	40,000
54 Operating License Not Yet Applied For	60,000
25 UNDER CONSTRUCTION PERMIT REVIEW	29,000
** 4 Site Work Authorized, Safety Review in Process.....	4,000
21 Other Units Under CP Review	25,000
4 ORDERED	5,000
2 PUBLICLY ANNOUNCED	2,000
192 TOTAL	187,000

*To date there have been 473 reactor years of operation. Not included are two operable DOE-owned reactors with a combined capacity of 940 MWe.

**Total of units authorized construction (Construction Permit Granted plus Site Work Authorized): 95 units, 104,000 MWe.