

November 27, 1979

For: The Commissioners
From: T. A. Rehm, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING NOVEMBER 23, 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 for Operations
Office of the Executive Director
for Operations

Contact:
T. A. Rehm
49-27781

*No input this week.

**Deleted from Commissioners and PDR copy.

7912040215

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SUMMARY OF KEY EVENTS
WEEK ENDING NOVEMBER 23, 1979

Rod Drop Accident Analysis and Control System Interaction for Westinghouse
2, 3 and 4 Loop Design PWRs

Westinghouse has determined that an earlier concern regarding the performance of automatic rod control systems following single rod drop events which leads to calculated DNB ratios less conservative than originally reported to NRC for the three loop plants also affects the two and four loop plants. A meeting was held with representatives of Westinghouse, the utility owners of the affected 2, 3 and 4 loop plants and the NRC staff. The participants agreed to procedural changes as an interim fix which are to be developed by the affected utility licensees on plants now operating within a 48 hour period and fully implemented by November 22, 1979.

Seabrook Station

A request that the Director of the Office of Nuclear Reactor Regulation issue an order to show cause why construction permits for the Seabrook Station should not be suspended or revoked was denied in the Director's Decision under 10 CFR 2.206 dated November 16, 1979. The request alleged that Public Service Company of New Hampshire lacked the financial qualifications required of a licensee under the Commission's regulations.

Safeguards Staff Study of People-Related Problems in Nuclear Security

In view of the Kemeny Commission finding that fundamental problems at TMI were "people-related," the Division of Safeguards has initiated a review to identify people-related problems which might affect performance of security personnel in the licensed nuclear industry.

Pu Package Unloading Incident

Plutonium Fuels Development Laboratory, Westinghouse and representatives of NMSS met to discuss the results of their investigation of an incident during the unloading of a Pu package at the Savannah River Plant where one can was ruptured causing escape of plutonium oxide. Use of the package design has been suspended by all licensees until the cause of the incident is determined and corrective action taken.

S-3 Table - Radon Releases from Underground Mining

Battelle PNL has given advance notice that their latest measurement at underground uranium mines show nearly 50% more radon emissions per ton of U₃O₈ mined than the previously reported measurements. The new data will be factored into the radon report now being completed to support a rulemaking action to amend the radon value in Table S-3.

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OFFICE OF ADMINISTRATION

Week Ending November 23, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Received	531	32
Granted	385	11
Denied	8	16
Pending	60	5

ACTIONS THIS WEEK

Received

Lanny Alan Sinkin,
On Behalf of Citizens
Concerned About Nuclear
Power & Citizens for Equitable
Utilities, Inc.
(79-493)

Requests all documents developed as a result of the investigation of the South Texas Nuclear Project carried out by the FBI and subsequently turned over to the NRC.

Susan Jaffe,
The Village Voice
(79-494)

Requests reports of radiation exposure to personnel at the Indian Point Nuclear Power Plant, Units 1, 2 and 3.

John D. Siever,
Attorney-At-Law
(79-495)

Requests copies of NRC's regulations issued pursuant to or implementing the Freedom of Information Act.

Gary Redmore,
Pharmaco Nuclear Inc.
(79-496)

Requests a copy of License Number 3700245-06MD and all amendments issued to the University of Pittsburgh.

(An NRC employee)
(79-497)

Requests a copy of the documentation submitted to the EDO in connection of a review of the DAMANS-PERC evaluation of his position.

Paul Sheldon David
(79-498)

Requests a copy of the security plan at the processing plant at Erwin, Tennessee and details of both the on-site and off-site security at Erwin.

(An NRC employee)
(79-499)

Requests six categories of information regarding the evaluation of his position.

CONTACT: J. M. Felton
492-7211

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ENCLOSURE A

Received, Cont'd

James B. Dougherty,
Attorney-At-Law
(79-500)

Requests, on behalf of his client, Fred Millar, Potomac Alliance, access to the "strip charts" prepared by the Division of Safeguards for the transport of special nuclear material, rules and regulations pertaining to the preparation of the "strip charts", correspondence between the shippers, other government agencies and the NRC, reports from NRC on the inspection of the routes and documents identifying "safe havens" and capabilities of law enforcement officials to respond to hijacking attempts.

Granted

Thomas V. Vakerics,
Attorney-At-Law
(79-428)

Made available two inspection reports concerning St. Luke's Hospital and St. Mary's Hospital in Milwaukee, Wisconsin.

James D. Leach,
Attorney-At-Law
(79-441)

In response to a request for documents concerning the proposed Draft Environmental Impact Statement regarding the decommissioning of the Edgemont Uranium Mill located at Edgemont, South Dakota, informed the requester documents subject to his request are located at the PDR.

S. Jacob Scherr,
Attorney-At-Law
NRDC
(79-449)

Made available two documents regarding the reviews carried out by the NRC staff and Kelleher Consultants of the PAEC response to the IAEA's Mission recommendations on the PNPP and the Status Summary Report of Charles Willis on the Resolution of Issues raised by the IAEA Safety Mission to the Philippines.

and

Virginia B. Foote,
Center for Development
Policy
(79-463)

Robert A. Shippert,
Battelle
(79-450)

Made available a copy of the non-proprietary version of NRC RFP No. RS-NRR-79-118 entitled "Review and Evaluation of Approximately 500 Pending Operator Reactors Licensing Actions".

W. Hugh O'Riordan,
Attorney-At-Law
State of Idaho
(79-451)

In response to a request for documents regarding the storage of nuclear and related waste products in the State of Idaho, made available one document and referred seven documents to the Department of Energy for their disposition.

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Granted, Cont'd

Diane E. Findley,
Science Applications.
(79-460)

Made available a copy of the non-proprietary version of NRC RFP No. RS-NRR-79-118.

Susan Baumann
(79-461)

In response to a request for a copy of NUREG 538 and information concerning emergency response plans for Jackson County, North Carolina, made available a copy of the North Carolina Radiation Emergency Response Contingency Plan and informed the requester NUREG 538 has not yet been issued by the NRC.

Steve Gannis
(79-465)

Made available five documents relating to the activities of the NRC and nuclear power plants.

R. Lee Armbruster,
Nuclear Engineering Company, Inc.
(79-468)

In response to a request for documents regarding the Nuclear Engineering Company's low-level radioactive waste disposal facility in Beatty, Nevada, made arrangements to review the files at the Willste Building.

Janice F. Rutherford,
The BDM Corporation
(79-469)

Made available a copy of the non-proprietary version of NRC RFP No. RS-OSD-79-003 entitled "Behavioral Observation Program to Assure Continued Reliability of Employees".

D'On Voelzke,
Committee to Bridge the Gap
(79-478)

In response to a request for a copy of the UCLA Nuclear Energy Laboratory Facility License R-71, Safety Analysis Report, and application for license amendment submitted by UCLA, made available four documents.

Ruth A. Buechler,
Attorney-At-Law
(79-486)

Informed the requester the NRC has no information on her client in its personnel, security, or radiation exposure records.

Laura Wiencus
(79-492)

In response to a request for five categories of information on the organization of the NRC and records pertaining to Three Mile Island, made available two documents and informed the requester records relating to Three Mile Island are available at the PDR.

John D. Siever,
Attorney-At-Law
(79-495)

In response to a request for regulations issued pursuant to or implementing the FOIA, made available a copy of 10 CFR Part 9.

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Denied

(An NRC employee)
(79-402)

In response to a request for all documents in the Division of Security and the Office of the Inspector and Auditor concerning himself, sent to the requester 37 documents. Denied 13 documents in their entirety compiled for law enforcement purposes.

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DIVISION OF CONTRACTS

Week Ending November 23, 1979

PENDING COMPETITIVE REQUIREMENTS

RFP RS-NRR-80-106

Title - Review of Non-Radiological Environmental Operating Data

Description - The contractor shall perform technical reviews of extensive environmental monitoring data at three operating plants to assist in making licensing amendments. The specific objective of each aspect of the monitoring program, as well as the details of sampling schedules and methodology, are described in the Environmental Technical Specifications for each plant.

Period of Performance - One year

Sponsor - Office of Nuclear Reactor Regulation

Status - Solicitation to be issued December 7, 1979. Proposals due by January 16, 1980.

RFP'S ISSUED

1. RFP RS-NRR-80-117

Title - Study of Requirements for Operator Licensing

Description - The project will result in the development of recommendations for improvement in the selection and training of nuclear power plant personnel.

Period of Performance - Five and one-half months

Sponsor - Office of Nuclear Reactor Regulation

Status - RFP was issued on November 20, 1979. Proposals are due on December 28, 1978. A preproposal conference will be held at the NRC on November 28, 1979 in the Willste Building at 9:00 a.m., in Room 155.

2. RFP RS-ADM-80-361

Title - Computer Output Microfilming and Production of 35mm Aperture Cards

Description - Produce microfilm and duplicates from computer tapes and produce 35mm aperture cards from source.

Period of Performance - One year with one-year option

Sponsor - Office of Administration

Status - Solicitation issued November 21, 1979. Bid opening scheduled for December 19, 1979.

ENCLOSURE A

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PROPOSALS UNDER EVALUATION

RFP RS-MPA-79-353

Title - MPA Product Evaluation

Description - Conduct an evaluation of 11 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 - Proposal Evaluation Report recommending the competitive range was approved by Designating Official on November 8, 1979 and forwarded to Division of Contracts.

ADMINISTRATIVE MATTERS

On March 13, 1979, the Division of Contracts requested the Office of Inspector General Audit Agency, U. S. Department of Health, Education, and Welfare (DHEW) to perform a final audit on Contract No. NRC-03-77-193, a Special Research Support Agreement with Dartmouth College. DHEW's audit report, dated September 21, 1979, stated that \$185,487 of the total claimed costs of \$342,140 was considered not reimbursable because of the lack of subcontracting documentation supportive of graduate research assistants' payroll certifications to support labor cost distribution for faculty salaries. It should be noted that DHEW's report is advisory only to the Contracting Officer, who will be discussing the resolution of these costs with Dartmouth during the week of December 3, 1979.

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DIVISION OF SECURITY

WEEK ENDING NOVEMBER 23, 1979

The Division of Security has circulated for comment a proposed NRC Manual Chapter 2101 Appendix Part XVI, "Proprietary Information Under 10 CFR Part 2." This part addresses proprietary information submitted in connection with domestic licensing proceedings, unclassified information relating to the safeguarding of special nuclear material, or unclassified information provided to the Commission by a foreign government under a condition that it be held in confidence.

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ENCLOSURE A

WEEKLY ITEMS OF INTEREST
(Week Ending November 23, 1979)Duane Arnold

Duane Arnold was shut down by a steam line high radiation trip the evening of November 8, 1979. The licensee's investigation determined that the most probable cause of the trip was the intrusion of air from a condensate demineralizer. Prior to the trip, a condensate demineralizer had been offline for maintenance. When it was returned to service, insufficient venting probably caused a slug of air to be injected into the feedwater system. The air was irradiated in the core and then flowed through the steam lines. The air was sufficiently activated to trip the steam line radiation monitors. Subsequent reactor coolant samples indicated normal levels of conductivity and activity. IE and the licensee plan no further investigation.

Quad Cities

The resident inspector at Quad Cities informed the PM that Unit 1 was brought to shutdown the early morning of 11/20/79 in order to fix a small (0.5 gal/hr.) nonisolable leak in a 3/4" feedwater drain line. The station started up on 11/21/79.

Vermont Yankee

At 10:00 p.m. on 11/19/79, contractor personnel involved in anchor bolt replacement in response to IE Bulletin 79-02, inadvertently bumped an instrument line scrambling the Vermont Yankee reactor. Operation was resumed at 0600 11/20/79, and at 1500 11/20/79 the reactor was at 75% power level. The reactor is currently operating at 100% power.

Salem Unit No. 1

On November 20, 1979, an approved fire protection program for Salem Unit No. 1 was issued as Amendment No. 21 to License No. DPR-70. The staff does not expect that a supplement to the Safety Evaluation will be needed.

Point Beach 1

The NRC staff held a meeting with Wisconsin Electric Power Company on November 20, 1979, to continue the review of steam generator tube degradation and recent inspection results at Point Beach 1. Those in attendance included Wisconsin Public Service Commission, Wisconsin's Environmental Decade, the Union of Concerned Scientists, and members of the press.

POOR ORIGINAL

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ENCLOSURE B

Rod Drop Accident Analysis and Control System Interaction for Westinghouse
2, 3 and 4 Loop Design PWRs

Westinghouse has determined that an earlier concern regarding the performance of automatic rod control systems following single rod drop events which leads to calculated DNB ratios less conservative than originally reported to NRC for the three loop plants also affects the two and four loop plants.

As a result of ongoing review by Westinghouse, additional concerns relative to rod drop events have been analyzed. These concerns are basically a result of application of the single failure criterion and revision of analytic methodology.

A meeting was held in Bethesda, Maryland on November 19, 1979 with representatives of Westinghouse, the utility owners of the affected 2, 3 and 4 loop plants, and the NRC staff to discuss these matters.

Westinghouse, the utility owners and the NRC staff have agreed to procedural changes as an interim fix which are to be developed by the affected utility licensees on plants now operating within a 48 hour period and fully implemented by November 22, 1979.

The Westinghouse oral presentation which was assisted with slides, will be submitted to the NRC in writing by November 27, 1979.

North Anna Unit 1

VEPCO informed the NRC staff at 2:15 p.m., November 21, 1979, that during the refueling outage presently underway at North Anna Unit 1, an inservice inspection of the steam generators has been completed. The inspection has discovered cracks in two tubes (Row 1 - columns 51 and 60) tangent to the U Bend, in Steam Generator C.

VEPCO and Westinghouse discussed these matters on November 20, 1979. Westinghouse has recommended the two tubes be plugged. The staff and the licensee agree that this event is similar to the phenomena discovered in the Trojan Plant.

The staff has requested a meeting with the licensee to discuss these matters on Friday, November 30, 1979.

Cooper

On November 20, 1979, Cooper Nuclear Station resumed operation following an unscheduled outage which began on November 14, 1979, due to diesel generator failure. The diesel generator has been repaired and successfully operationally tested for 24 hours. The plant is presently at 60 percent power level, and is expected to remain at this power level until November 26, 1979, to perform flux monitor calibration following control rod pattern changes.

POOR ORIGINAL

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Seabrook Station

The Seacoast Anti-Pollution League (SAPL) requested and the New England Coalition on Nuclear Pollution (NECNP) filed a memo in support of the request that the Director of Nuclear Reactor Regulation (NRR) issue an order to show cause why construction permit Nos. CPPR-135 and CPPR-136 for the Seabrook Station should not be suspended or revoked. As the basis for the request SAPL alleged that Public Service Company of New Hampshire (PSNH) lacked the financial qualifications required of a licensee under the Commission's regulations and asserted that there was a lack of financial qualifications review of other companies whose participation was being sought by PSNH. The requests of SAPL and NECNP were denied in the Director's Decision under 10 CFR 2.206 dated November 16, 1979.

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Nov. 27, 1979

Arkansas 2	Prep. for Startup Testing	Restart 11/27/79
Browns Ferry 3	Reload	Restart 12/7/79
Brunswick 1	Main Generator Exciter	Restart 11/24/79
Calvert Cliffs 2	Refueling	Restart 11/22/79
Cook 2	Refueling	Restart 12/28/79
Dresden 1	ECCS Modification	Restart 11/80
Farley 1	RCP Seal Leak	Restart 11/21/79
Fort St. Vrain	Refueling and installation of Luci Locks	Restart 12/7/79
Humboldt Bay	Seismic Evaluation	Restart ?
Indian Point 1	ECCS	Restart ?
Indian Point 3	Refueling	Restart 12/15/79
Millstone 2	Feedwater Line Crack Repair	Restart 11/29/79
North Anna 1	Reload	Restart 1/1/80
Oconee 1	Reload	Restart 2/1/80
Palisades	Reload; Turbine Repair Work	Restart week of 12/3/79
Point Beach 1	Review of Steam Generator Tube Problems	Restart 11/28/79
Salem 1	IE Bulletin 79-02	Restart 11/23/79
Sunny 2	St. Gen. Replacement	Restart 4/80
Three Mile Island 1	Order	Restart ?
Three Mile Island 2	Accident	Restart ?
Trojan	Review of Walls/Seismic Supports	Restart 12/7/79
Zion 1	Refueling/Feedwater Line Crack	Restart 1/1/80
Zion 2	Repair of Feedwater Line Cracks	Restart 12/15/79
Prairie Island 1	Two Feedwater Pumps Out	Restart 12/1/79

POOR ORIGINAL

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ENCLOSURE B

State of Connecticut Plant Fire Protection Reviews

Page 1 of the fire protection reviews for all 68 operating reactor plants
has been completed.

POOR ORIGINAL

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POOR FEEDWATER PIPE CRACKING

Report Dated June 25, 1975

- Requirements:
- I. Plants with 2 or 3 S/G's complete volumetric exam of FW within 90 days as follows:
 - a) (supplemented by UT) of all Fw nozzle-to-pipe welds & adjacent pipe and nozzle areas
 - b) Cracking identified, conduct volumetric exam of Fw welds to 1st pipe support or snubber
 - c) visually exam Fw pipe supports or snubbers in containment
 - II. At the next outage of sufficient duration or next refueling outage, perform the following inspections:
 - A. For S/G's with common A/Fw/Fw nozzle, conduct volumetric examination of all Fw pipe weld areas inside containment (includes A/Fw to Fw connecting welds outside containment)
 - B. For S/G's with separate nozzles for Fw/A/Fw, conduct volumetric examination of all welds inside containment upstream of the ring header or nozzle. For external feed ring header design, inspect all welds on one inlet riser of each feed ring.
 - C. Perform visual exam of all Fw systems supports & snubbers in containment
 - III. If indications found in one unit of multi-facility, shut down and inspect other(s) unless continued operation justified
 - IV. Report cracking or discontinuities to IE region within 24 hours
 - V. Provide 20 day response for inspection schedule, emergency procedures and leak detection of FW in containment

STATUS: No. of plants inspected to date (total) 44 30 No. of plants with cracks/fabrication discontinuities 17 (includes 2 fabrication defects requiring repair)
 No. of plants reviewed/approved by staff 14 No. of plants inspected without cracks detected 15

PLANT	INSPECTION RESULTS	REMARKS	PROBABLE CAUSE	FOLLOW-UP INSPECTION RESULT	MRC LAB. ANALYSES
D.D. Cook	Cracked, 8 of 8, 2 thru wall	Piping repaired, instrd.*	Corrosion Assisted Fatigue		BNL/L ³
Seaver Valley 1	Cracked, 3 of 3	piping repaired	Corrosion Assisted Fatigue		BNL/L ³
Emulatee	Cracked, 2 of 2	piping repaired	Corrosion Assisted Fatigue		BNL/L ³
North Anna 1	Fabrication defect, 1 of 3				BNL
Point Beach 1	Cracked, 1 of 2	piping repaired	Corrosion Assisted Fatigue		BNL/L ⁴
W.B. Robinson 1	Cracked, 1 of 3	piping repaired, instrd.	Corrosion Assisted Fatigue		BNL
Salem	Cracked, 4 of 4	piping repaired, instrd.	Corrosion Assisted Fatigue		BNL/L ³
San Onofre	Cracked, 1 of 3	piping repaired	Stress Assisted Corrosion		
Sumner 1/2	Cracked, 1 of 3	piping repaired, instrd.	Corrosion Assisted Fatigue		
Swine	Cracked, 1 of 2	piping repaired, instrd.	Corrosion Assisted Fatigue		
Millstone 1	Cracked, 1 of 2	piping repaired			BNL
Yankee Rowe	Cracked, 4 of 4	piping repaired	Gross fabrication defects		BNL
Palisades	Cracked, 1 of 2	no cracks	Corrosion Assisted Fatigue		
Fairley	No cracks found	1/4" fab. defect			
Hadden Neck	No cracks found				
Indian Pt. 1	No cracks found				
Indian Pt. 2	No cracks found				
North Anna	No cracks found				
Pt. Beach	Performing inspection				
Prattville Island 1	No cracks found				
Prattville Island 2	Not inspected	Inspection to be performed 1/80			
Troyer	No cracks found				
Turkey Pt. 1	No cracks found				
Turkey Pt. 2	No cracks found				
Troyer	Cracked, 4 of 4	piping repaired	Unknown at this time		
Troyer	Cracked, 4 of 4	piping repaired			
Calvert Cliffs 1	No cracks found				
Calvert Cliffs 2	Performing inspection				
Amargosa NUC 1	No cracks				
Maine Yankee	No cracks found	5th weld from nozzle			
Fort Calhoun 1	No cracks found				
Fort Calhoun 2	No cracks				
Fort Calhoun 3	No cracks				
Indian Pt. 1	Not inspected	Shutdown			
Troyer	Not inspected	Shutdown			
Troyer	Not inspected	Shutdown			
David Beist	No cracks found				
Amargosa NUC 2	Not inspected				
Cohee	Not inspected				
Cohee 1	Not inspected				
Cohee 2	Not inspected				
Cohee 3	Not inspected				
Christie River 1	No cracks found				
Richard Beist	Not inspected				

POOR ORIGINAL

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OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING NOVEMBER 23, 1979

1. On November 15, 1979, the Executive Director for Operations approved for publication proposed amendments of 10 CFR Part 32 concerned with labeling of gas and aerosol detectors including smoke detectors. A notice will be published in the Federal Register for 45 days public comment on the following proposed rule changes:
 1. Proposed §32.26(b)(10) would require applicants for specific licenses to submit proposed methods of labeling the external surfaces of both the detectors and the point-of-sale packaging, if the detector is packaged individually.
 2. Under proposed §32.29(b), required labeling information on both the detector and package would be the name of the radionuclide and the quantity of activity.
 3. Proposed §32.29(b)(1)(iii) would require an identification of the manufacturer or initial transferor on the detector only.
 4. Proposed §32.29(b)(1)(i) would require the label on the detector to contain the statement: CONTAINS RADIOACTIVE MATERIAL.
 5. Proposed §32.29(b)(2)(i), however, would require the label on the point-of-sale package to contain the statement: THIS DETECTOR CONTAINS RADIOACTIVE MATERIAL WHICH PRESENTS NO SIGNIFICANT HAZRD TO HEALTH IF USED IN ACCORDANCE WITH THE INSTRUCTIONS.

REGULATORY GUIDE TO BE ISSUED IN THE NEAR FUTURE

Title: Standard Format and Content for a Licensee Physical Security Plan for the Protection of Special Nuclear Material of Moderate or Low Strategic Significance (Reg. Guide 5.59)

Expected Issuance Date: December 1979

Description: Provides guidance on meeting the physical protection requirements of 10 CFR 73.67.

Contact: J. Prell
443-5904

PUBLICATION ISSUED DURING THE WEEK OF NOVEMBER 19-23, 1979

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POOR ORIGINAL

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ENCLOSURE C

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending November 23, 1979

Safeguards Staff Study of People-Related Problems in Nuclear Security

In view of the Kemeny Commission finding that fundamental problems at TMI were "people-related," Robert F. Burnett, Director, Division of Safeguards, has initiated a staff review to identify people-related problems which might affect performance of security personnel in the licensed nuclear industry. The staff will also attempt to identify NRC options for overcoming or minimizing such problems.

Meeting with GAO on NRC's International Safeguards Activities

On November 16, 1979, Messrs. Sherr and Morrow of the Safeguards Division, NMSS met with Messrs. Murray and Trembler of GAO to discuss NRC's participation in the U.S. efforts to strengthen the international nuclear safeguards system. Topics discussed related to NMSS activities pertaining to: (1) evaluation of the IAEA safeguards in relation to export licensing; (2) efforts to strengthen international safeguards either through direct bilateral assistance to specific countries or participation in the coordinated U.S. program; and (3) preparing for the implementation of the US/IAEA Safeguards Agreement.

Pu Package Unloading Incident

The manager, Plutonium Fuels Development Laboratory, Westinghouse Electric Corporation, met with representatives of NMSS to discuss the results of their investigation of an incident during the unloading of a plutonium package at the Savannah River Plant. There was bulging of the innermost product cans and one can was ruptured causing escape of plutonium oxide. Use of the package design has been suspended by all licensees until the cause of the incident is determined and corrective action taken. Westinghouse is to submit a report of their findings within two weeks.

Air Shipment of Pu

At the request of DOE, representatives of NMSS met with members of the Embassy of Japan to discuss packaging for possible air shipment of plutonium samples from Japan to Austria for safeguard purposes. The NRC movie on the plutonium air transport package was shown. The movie was loaned to the Embassy and further documentation on the shipment of plutonium by air was provided. DOE provided a briefing on their current development of a similar package for shipment of sample quantities of plutonium by air.

1468 00

ENCLOSURE D

Disposal of Liquid Scintillation and Institutional Wastes

Work on alternative methods for the disposal of wastes from liquid scintillation counting is continuing. Plans are being made to visit selected medical institutions to study alternative methods for the disposal of their radioactive wastes.

S-3 Table - Radon Releases from Underground Mining

Battelle PNL has given advance notice that their latest measurement at underground uranium mines show nearly 50% more radon emissions per ton of U_3O_8 mined than the previously reported measurements. This apparent increase results from the fact that current U_3O_8 production is down as compared to earlier estimates, while the total radon releases from the mines remain about the same. The new measurements are averaged for mines producing 60% of the total output of U.S. underground mines. The new data will be factored into the radon report now being completed to support a rulemaking action to amend the radon value in Table S-3

Latty Avenue Site, Hazlewood, Missouri

It was brought to our attention that some parents living in the Hazlewood, Missouri, area were very concerned that their children may have been overly exposed to radioactive contaminants while playing at an old site on Latty Avenue in Hazlewood. In order to alleviate their concern, NMSS arranged to have two of the boys body counted on Friday, November 16, 1979, in Oak Ridge, Tennessee. The results of the in vivo counting indicated no detectable exposure. The parents, as well as Congressman Robert A. Young's office, have been informed.

Spent Fuel Storage

On November 15, 1979, FC, SD, and ELD staff members met with Michael J. Lawrence, Director, Division of Transportation and Fuel Management, Department of Energy (DOE); and his staff to discuss proposed 10 CFR Part 72, "Storage of Spent Fuel in an Independent Spent Fuel Storage Installation (ISFSI)," and DOE research on dry mode spent fuel storage technologies. In expectation of passage of its Spent Fuel Policy Act by FY81, DOE is actively pursuing all actions it can, without this authorizing legislation. Among these are the issuance of its final generic environmental impact statements on storage of domestic spent fuel and on storage in the United States of foreign spent fuel in December 1979. DOE is also initiating the preparation of a site-specific environmental statement on existing facilities.

FC staff agreed to continue consultation on general licensing aspects of spent fuel storage including guidance on regulatory needs as applied to dry storage technologies.

1468 -01

NFS West Valley

Members of the FC staff met with DOE personnel to discuss DOE plans to initiate sampling and analysis of the high level liquid wastes (acidic and neutralized) at West Valley, New York. DOE intends to accomplish the waste characterization by funding a task under DOE contract, which currently is part of an existing NRC contract with Rockwell Hanford Operations. Early NRC funding for the waste characterization task is not available.

At the end of the meeting, DOE briefly discussed their plans to begin preparing an EIS on West Valley high-level waste solidification. They expect to issue a Federal Register Notice of intent to prepare an EIS in early December and expect to hold a public scoping meeting early in 1980. This EIS will not consider disposition of the entire site, but rather will be restricted to alternatives for immobilization of the high level liquid waste.

1468 :02

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending November 23, 1979

1. University of Wisconsin, Madison, Wisconsin - Civil Penalty Action - On November 20, 1979, the Commission received a check in the amount of \$1,800 from the subject licensee in full payment of the civil penalty imposed by Order issued on October 30, 1979.
2. Preliminary Notifications relating to the following actions were dispatched during the past week:
 - a. PNO-I-79-20 Salem Unit 1 - Reactor Coolant System Leakage During Plant Heatup
 - b. PNO-I-79-21 & -21A Babcock and Wilcox Plutonium Facility, Leechburg, Pennsylvania - Potential Exposure of Personnel to Airborne Plutonium Contamination
 - c. PNO-II-79-33 Brunswick Unit 1 - Reactor Scram from Turbine Generator Trip
 - d. PNO-III-79-40 Quad Cities Nuclear Station - Resumption of Radioactive Waste Shipments to South Carolina
 - e. PNO-III-79-41 & -41A Quad Cities Unit 1 - Crack and Small Leak in a Main Feedwater 3/4 Inch Drain Line
 - f. PNO-III-79-42 Davis-Besse Unit 1 - Return to Operation After a 26-Day Outage
 - g. PNO-III-79-43 Zion Unit 1 - Cracks in Low Pressure Turbine Disks
 - h. PNO-III-79-44 St. Margaret's Hospital, Spring Valley, Illinois - Loss of Mo-99/Tc-99m Generators
 - i. PNO-IV-79-15 Wolf Creek Unit 1 - Industrial Accident on Site
 - j. PNO-IV-79-16 The Mineral Equipment Co., Salt Lake City, Utah - Unauthorized Possession of Contaminated Equipment
 - k. PNO-V-79-10 Washington Nuclear Project No. 2 - Immediate Action Letters to Stop Work on Sacrificial Shield and Pipe Whip Restraints
 - l. PNO-TMI-79-05 Three Mile Island Units 1 and 2 - Maryland Briefing on Current Activities at the Three Mile Island Station
 - m. PNS-I-79-08 Haddam Neck Plant - Vehicle Search at Main Gate to Protected Area, Uncovered .22 Caliber Handgun

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ENCLOSURE E

- n. PNS-III-79-3 Perry Units 1 and 2 - Bomb Threat
 - o. PNS-III-79-4 Zimmer Unit 1 - Bomb Threat
3. The following IE Bulletin was issued:
- a. IE Bulletin 79-26, "Boron Loss from BWR Control Blades," was issued on November 20, 1979 to all BWR power reactor facilities with an operating license.
4. The following IE Information Notices were issued:
- a. IE Information Notice 79-27, "Steam Generator Tube Ruptures at Two PWR Facilities," was issued on November 16, 1979 to all power reactor facilities with an operating license or construction permit.
 - b. IE Information Notice 79-28, "Overloading of Structural Elements Due to Pipe Support Loads," was issued on November 16, 1979 to all power reactor facilities with an operating license or construction permit.
 - c. IE Information Notice 79-29, "Loss of Nonsafety-Related Reactor Coolant System Instrumentation During Operation," was issued on November 16, 1979 to all power reactor facilities with an operating license or construction permit.

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OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

WEEK ENDING NOVEMBER 23, 1979

Skagit Nuclear Power Project, Units 1 and 2

In ALAB-572 (November 20, 1979), the Appeal Board denied an intervenor's request for directed certification of certain rulings and actions of the Licensing Board. In denying this request, the Appeal Board reiterated that it will grant discretionary interlocutory review only where the ruling below either (1) threatened the party adversely affected by it with immediate and serious irreparable impact which, as a practical matter, could not be alleviated by a later appeal or (2) affected the basic structure of the proceeding in a pervasive or unusual manner. Applying that standard here, the Appeal Board found that none of the complaints warranted its intercession.

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ENCLOSURE G

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING NOVEMBER 23, 1979

INTERNATIONAL COOPERATION

Swedish Reactor Safety Report

The Swedish Nuclear Power Inspectorate and the local Embassy have advised IP that the Swedish Government Committee on Nuclear Reactor Safety (which started its work last May following the TMI accident and has visited NRC twice) released its summary report on November 19. Commissioned pending the general referendum on the future of nuclear power in Sweden scheduled for March 1980, the report concludes that there is no basis for a major reevaluation of the accident risks associated with nuclear power as determined by earlier Swedish studies, but that considerably higher safety standards must be maintained in the future by the Swedish nuclear industry, including power companies, suppliers, and regulatory agencies.

The Committee also recommends that further release-preventing measures be implemented at existing nuclear power plants, particularly at those sited near densely populated areas (i.e., Barseback).

IP is now in possession of a press release on the matter. The Swedish Embassy has promised to transmit the actual summary within a few days, and the full report as soon as available.

Reactor Safety Assistance.

IP, IE and NRR representatives met with A. Garland, IAEA nuclear safety advisor to Mexico, on November 19 and 20. Discussions concerned the next phase of NRC safety assistance in connection with the Laguna Verde reactor project. Mr. Garland praised recently completed assistance activities, including month-long visits of several Mexican inspectors to NRC regional offices and of several safety reviewers to NRR offices.

EXPORT/IMPORT AND INTERNATIONAL SAFEGUARDS

Authority to License LEU Exports without Executive Branch Review

In a letter dated November 21, 1979, the Executive Branch authorized the NRC "in the absence of a material change in circumstances, to license, without referral to the Executive Branch, requests for the export of single reloads of low-enriched uranium fuel for use in light water-moderated power reactors previously fueled by the United States in the European Community, Japan, Republic of Korea, Sweden, and Switzerland.

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ENCLOSURE H

OFFICE OF STATE PROGRAMS
ITEMS OF INTEREST
WEEK ENDING NOVEMBER 23, 1979

State Agreements

The New Mexico radiation control program for agreement materials will be reviewed during the week of November 26, 1979.

A training program for Louisiana and Florida officials in inspections and investigations of phosphate production facilities which also produce uranium will be conducted in Florida the week of November 26, 1979. The training will be provided by representatives of SP, IE:IV and SD.

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OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

WEEK ENDING - NOVEMBER 23, 1979

Emergency Preparedness

Submitted options paper to Emergency Preparedness Coordinator, Ray Smith. Paper responds to a Commission request to develop alternatives for organizing emergency preparedness in NRC.

MIS Publications

- (a) Issued November's Program Summary Report (Brown Book).
- (b) Distributed Vol. 1, No. 4, Power Reactor Events Report.

Abnormal Occurrence

- (a) Sent second quarter CY-79 A.O. report to Congress.
- (b) Briefed Commissioners Ahearne and Gilinsky on potential A.O. at Palisades.

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CALENDAR OF SIGNIFICANT EVENTS

Two Week Period Ending December 10, 1979

November 26, 1979	Diablo Canyon 1 & 2 - Meeting is scheduled with applicant to discuss groundrules for the evaluation of the effect of failure of non-seismic systems on plant safety.
November 27, 1979	Callaway 1 & 2 - Caseload Forecast Panel visit to site.
November 29, 1979	Wolf Creek 1 - Caseload Forecast Panel visit to site.

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