

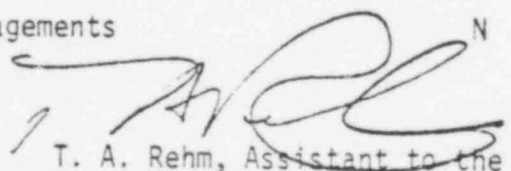
T/C

September 7, 1979

For: The Commissioners
From: T. A. Rehm, Assistant to the Executive Director for Operations
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING AUGUST 31, 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

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

1073 174
7910020 631

SUMMARY OF KEY EVENTS
WEEK ENDING AUGUST 31, 1979

DUANE ARNOLD

Duane Arnold has recently become limited to operating at approximately 3% less than rated power because of the Technical Specification on operating limit minimum critical power ratio (MCPR). At the end of the current cycle, Duane Arnold will be limited to approximately 88% of rated power. The licensee has submitted a request to modify the MCPR Technical Specification, based upon application of measured control rod scram times. The licensee is purchasing replacement power to offset the derate.

MILLSTONE 2

On August 25, 1979, the staff issued a Safety Evaluation documenting our analysis of the acceptability of interim operation of Millstone 2 with the feedwater line crack indications described in the August 22 daily highlight. The conclusion to allow operation until October 31 was based on the inspection results and fracture mechanic analysis performed by NNECO and Westinghouse and commitments from NNECO to perform certain corrective actions. Millstone 2 returned to operation on August 26, 1979.

BRUNSWICK UNIT 1

Unit 1 reported Linear Heat Generation Rate problems since start-up from the Spring 1979 refueling outage. A review of the core loading video tapes revealed one fuel assembly had been misoriented by 180°. However, the fuel loading error does not appear to be related to the LHGR problem. GE recommended tighter limits on the misoriented fuel assembly which derated the plant to approximately 88% power.

INCIDENT AT FINNISH REACTOR

IP was advised on August 31 of a pipe rupture in TVO Unit 1 on Wednesday, August 29. The ruptured 150 mm pipe was part of the reactor water cleanup system. The failure caused overflowing into the room and was immediately detected by the room monitoring system. The pipe line was isolated and the reactor scrammed automatically.

EMERGENCY PREPAREDNESS

A Florida State, county, utility exercise was held for the St. Lucie nuclear power facility on August 23. The exercise is one of the requirements for continued concurrence of the Florida radiological response plan. A post-exercise evaluation indicated that a satisfactory response was demonstrated.

The Defense Nuclear Agency (DNA) has started preparation for a joint DOD/DOE nuclear weapon accident exercise (NUWAX) in 1981. DNA has invited NRC, as well as EPA, FEMA, and the FBI to participate in the next exercise.

OFFICE OF ADMINISTRATION

Week Ending August 31, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Received	391	28
Granted	259	8
Denied	1	11
Pending	2	9

ACTIONS THIS WEEK

Received

Gary Howard Simpson,
Attorney-At-Law
(79-346)

Requests computer tapes containing workforce and personnel information for 1975 through 1979.

Maurice A. Libner,
Attorney-At-Law
(79-347)

Requests information on his client, a participant in the nuclear weapons testing of May 5, 1955 at Yucca Flat, Nevada, and other information related to this testing.

(An individual requesting information about himself)
(79-348)

Requests radiation exposure records pertaining to him, maintained by the NRC.

June Allen,
North Anna Environmental
Coalition
(79-349)

Requests documents regarding abnormal settlement at North Anna and Surry, and information as to NRC's reasons for not levying a civil penalty against VEPCO in 1972.

Richard A. DeSantis,
Attorney-At-Law
(79-350)

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

James J. Moran,
Attorney-At-Law
(79-351)

Requests all documents relating to repair work performed at the R.E. Ginna Nuclear Facility from early December, 1973 through February, 1974.

Reed Irvine,
Accuracy in Media, Inc.
(79-352)

Requests Commissioner Gilinsky's telephone log for 1978.

CONTACT: J. M. Felton
492-7211

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Received, Cont'd

Harold J. Gabriel,
Attorney-At-Law
(79-353)

Requests information concerning the Perry nuclear power plant.

Bob Romic
(79-354)

Requests information pertaining to accidents at nuclear power plants from 1949-1979.

Fred Eberlein,
Control Data
Corporation
(79-355)

Requests all contracts and purchase orders for computer services being provided to the NRC.

John Ritter,
Gannett Rochester
Newspapers
(79-356)

Requests documents pertaining to an incident at Rochester Gas and Electric Corporation's Ginna nuclear power plant in 1973-1974, in which workers were exposed to higher-than-allowed doses of radiation.

Tom Knight
(79-357)

Requests how many accidents have occurred that were larger than Three Mile Island.

Jackie Farnan,
Gannett Rochester
Newspapers
(79-358)

Requests a Commission report on radiation exposure of workers at Rochester Gas and Electric Corporation's Ginna nuclear power plant.

John W. Sullivan
(79-359)

Requests documents pertaining to the operation of Makepeace, Inc. and Engelhard Inc., and involvement of the town of Attleboro, Massachusetts, in the nuclear industry.

Corky Johnson,
Northern Kentucky
University
(79-360)

Requests documents relating to safety hazards, filed by plant workers at public hearings on the Zimmer nuclear power plant.

Laurie Burt,
Assistant Attorney
General, State of
Massachusetts
(79-A-22-79-231)

APPEAL TO THE EDO for nine categories of documents relating to radiological emergency plans.

Granted

Michael Burke,
Valley News Dispatch
(79-274)

In response to a request for documents related to accidents at the Nuclear Materials and Equipment Corporation (NUMEC), informed the requester that available records are located at the PDR.

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ENCLOSURE A

Granted, Cont'd

James T. Wiglesworth,
Attorney-At-Law
(79-290)

In response to a request for all documents relating to a request from the NRC to the Army Corps of Engineers concerning the concrete used in the base mat at Wolf Creek nuclear power plant, made available 10 documents.

David F. Power
(79-299)

In response to a request for all documents in the Region I Office pertaining to the briefing of the Terrorism Committee or the Subcommittee of the Private Security Advisory Council by R. McCormick, E. Richard, and J. Yardumian of the NRC, informed the requester that the NRC's Division of Safeguards has been unable to locate any documents.

Thomas M. Kumpuris,
Harper-Grace Hospitals
(79-304)

In response to a request for a copy of a June 18, 1979 letter of allegations concerning the Harper Hospital's radiation safety practices, made available this document.

Edward H. Fox,
Attorney-At-Law
(79-307)

In response to a request for all documents relating to Investigation Report No. 50-244/74-01, made available nine documents.

Warren Olney,
National Broadcasting
Company, Inc.
(79-309)

In response to a request for copies of thirteen categories of documents, made available eight documents.

James C. Price,
Woodward-Clyde Consultants
(79-310)

Made available a copy of the non-proprietary portions of the technical proposal of the successful offeror in response to NRC contract RFP No. RS-NMS-79-029.

Andrew W. Forsyth
(79-315)

In response to a request for information on a license held by Westinghouse Electric Corporation, made available two documents.

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

In response to a request for a bibliography of Docket 50-142 and any other files pertaining to the UCLA Nuclear Energy Laboratory, made available a copy of the record sheet from the docket file, and informed the requester that the NRC maintains no other files pertaining to UCLA.

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Granted, Cont'd

Richard A. DeSantis,
Attorney-At-Law
(79-321)

Informed the requester that the NRC has no information pertaining to his client.

Richard A. DeSantis,
Attorney-At-Law
(79-322)

Informed the requester that the NRC has no information pertaining to his client.

Maurice A. Libner,
Attorney-At-Law
(79-347)

Informed the requester that the NRC has no information pertaining to his client and no records concerning the 1955 nuclear weapons tests at Yucca Flats, Nevada.

Reed Irvine,
Accuracy in Media, Inc.
(79-352)

Informed the requester that Commission Gilinsky did not maintain a telephone log in 1978.

Denied

D.W. Zeff,
Babcock & Wilcox Company
(79-285)

In response to a request for each of the NRC inspection modules used by I&E inspectors at uranium processing and fabrication facilities, denied portions of the I&E Manual relating solely to the internal personnel rules and practices of this agency.

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ITEM OF INTEREST
DIVISION OF SECURITY
WEEK ENDING AUGUST 31, 1979

The Division of Security presented a special briefing on document handling, control and marking and Executive Order 12065 to the Office of the Secretary on Tuesday, August 28, 1979.

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DIVISION OF CONTRACTS

Week Ending August 30, 1979

PENDING COMPETITIVE REQUIREMENTS

RFP RS-OIP-80-338

Title - Evaluation of U. S. Nuclear Health and Safety Information
Dissemination to Foreign Countries

Description - Study to determine if existing nuclear health and safety dissemination practices and mechanisms are adequate to serve the legitimate information needs of regulatory bodies in developing countries and, in the case of a negative finding, propose alternative methods whereby these needs can be better met.

Period of Performance - Six months

Sponsor - Office of International Programs

Status - RFP being developed

RFP'S ISSUED

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 issued August 27, 1979. Proposals due October 3, 1979.

PROPOSALS UNDER EVALUATION

1. RFP RS-RES-79-193

Title - Steam Generator Tube Rupture Iodine Transport Mechanisms

Description - Under Task I, the contractor shall experimentally measure the amount of atomization and characterize the drop size distribution of superheated water flashing through a crack-like orifice into a saturated steam environment.

Under Task II, the contractor shall develop (or modify an existing) a computer program to model important iodine transport and removal mechanisms under steam generator tube rupture accident conditions.

Period of Performance - One year

Sponsor - Office of Nuclear Regulatory Research

Status - Best and Final proposals under evaluation. Award projected for September 5, 1979.

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ENCLOSURE A

2. RFP RS-RES-79-200
 Title - RES/PAS Fuel Cycle Review
 Description - Technical assistance for peer review to critique the published products from the project, "Risk Assessment Methodology Development for Waste Isolation in Geologic Media" an ongoing study by Sandia Laboratories.
 Period of Performance - Three years
 Sponsor - Office of Nuclear Regulatory Research
 Status - Panel meeting to distribute proposals for evaluation August 30, 1979.
3. RFP RS-RES-79-203
 Title - NRC Monitor for Heissdampfreaktor Seismic Tests
 Description - Assistance in monitoring earthquake investigations at the superheated steam reactor (Heissdampfreaktor) at the Karlsruhe Nuclear Research Center in Germany. The contractor shall assist in formulation of pretest predictions and observation of intermediate level explosive, shaker and snap back tests.
 Period of Performance - Two years
 Sponsor - Office of Nuclear Regulatory Research
 Status - Best and Final proposals to panel for evaluation August 27, 1979.
- 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 - Best and Final proposals due on September 7, 1979.

ADMINISTRATIVE MATTERS

During the TMI incident, NRC acquired the facilities of the Middletown Borough Hall for use as a press center. A formal detailed invoice was presented by Middletown on June 28, 1979. The invoice was reviewed by Mr. Carl Abraham of Region I and by the Division of Contracts staff. The Borough of Middletown sought \$10,036 for the one month use of the facility plus an additional \$1000 as a penalty for late payment. There exists a considerable difference between the position maintained by the Borough of Middletown and that deemed fair and reasonable by the Division of Contracts. Negotiations continue with Middletown with resolution expected by September 10, 1979

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ENCLOSURE A

OFFICE OF NUCLEAR REACTOR REGULATION

WEEKLY ITEMS OF INTEREST
(Week Ending August 31, 1979)

Duane Arnold

Duane Arnold has recently become limited to operating at approximately 3% less than rated power because of the Technical Specification on operating limit minimum critical power ratio (MCPR). Historically, Duane Arnold has operated closely to its MCPR limit in order to achieve rated power, being MCPR limited near the end-of-cycle. At the end of the current cycle, Duane Arnold will be limited to approximately 88% of rated power because of the MCPR Technical Specification. The licensee has submitted a request to modify the MCPR Technical Specification, based upon application of measured control rod scram times, which would permit operation at rated power throughout the cycle. The staff's review of the licensee's request is in progress. The licensee is purchasing replacement power to offset the derate.

Millstone 2

On August 25, 1979, the staff issued a Safety Evaluation documenting our analysis of the acceptability of interim operation of Millstone 2 with the feedwater line crack indications as described in the August 22, 1979 daily highlight. The conclusion to allow operation until October 31, 1979 was based on the inspection results and fracture mechanic analysis performed by NNECO and Westinghouse and the commitments that NNECO would:

1. Install monitoring equipment for temperature and stress measurements on the steam generator no. 2 feedwater line.
2. Establish action points from on-site and off-site acceptance criteria as presented in the August 24, 1979 letter for initiating controlled plant shutdown if the limits are exceeded.
3. Initiate a controlled shutdown to perform an ultrasonic examination of the most severe indications on the affected lines in the event of a feedwater flow instability (water-hammer);
4. By October 1, 1979, submit a thorough program for repairing the affected welds. The program will address the modifications required in the steam generator shield wall section.
5. By October 31, 1979, commence an approach to cold shutdown to perform ultrasonic examination of the four affected welds using the same methods, techniques and conditions as was used to previously characterize the indications.
6. Prior to startup, install local leak monitoring equipment capable of detecting a 0.5 gal/minute leak on both steam generator loops in the vicinity of the cracks.

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7. Initiate a controlled shutdown and inspect the affected welds should combined dynamic stress greater than 40 ksi be measured by the on-site monitoring equipment.

The special instrumentation was installed and Millstone 2 returned to operation on August 26, 1979.

Mark I

In response to the staff's concerns related to downcomer lateral loads, General Electric, on behalf of the Mark I Owners Group, surveyed the operating Mark I facilities and determined that all plants have downcomers that were tied together. The staff verified this finding by contacting each of the utilities involved. Data from the Mark I Full-Scale Test Facility indicates that the lateral loads for "tied" downcomers are less severe. The staff has requested that GE coordinate the licensee's assessment of the margin of safety for "tied" downcomers and present their bases for continued plant operation by Friday, August 31. GE has supplied additional information to the staff relating to the statistical nature of this loading condition, which will be used in an independent assessment of the potential for fatigue failure of the downcomers. The staff will meet with GE and representatives of the Mark I Owners Group on Wednesday, September 5, to review the assessments and determine what action, if any will be necessary.

Brunswick Unit 1

Brunswick Unit 1 reported through Region II that they have been experiencing Linear Heat Generation Rate problems since start-up from the Spring 1979 refueling outage. During a review of the core loading video tapes, they discovered that one fuel assembly had been misoriented by 180°. However, the fuel loading error does not appear to be related to the LHGR problem due to its location in the core.

GE has recommended tighter limits on the misoriented fuel assembly:

LHGR 9.7
MCPR 1.38

The Licensee has imposed these limits which derated the plant to approximately 88% power. It appears that this action is satisfactory, since the fuel loading error was not limiting in the reload analysis.

GE is continuing its search for the source of the LHGR problem, and the evaluation of the fuel loading error. IE inspectors are on-site reviewing the fuel loading error and its possible effects on LHGR.

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POOR ORIGINAL

Skagit 1 & 2

Safety and environmental hearings resumed on August 27, 1979.

Fort St. Vrain

Authorization to proceed with the core fluctuation test sequence for power levels under 70 percent was provided on August 24, 1979. Testing will begin on September 1, 1979 at the 40 percent level. Since the spring refueling the reactor has operated up to 70 percent power without fluctuations under conditions of minimum core pressure drop (i.e., fully open flow control orifices).

Demineralizer Regeneration Waste Impact at Surry Units 1 and 2:

The Environmental Specialists Branch has completed an expedited review of the environmental (non-rad) impacts associated with operation of a new full-flow condensate polishing demineralizer system at Surry NPP Units 1 and 2. This review was in response to a petition by the Potomac Alliance before the Commission seeking to include the impacts of the demineralizer regeneration waste releases in their intervention in the licensing action for steam generator replacement at Surry. The staff concluded that due to the relatively low toxicity of the compounds discharged and the large amount of dilution provided by the circulating water into which the demineralizer wastes are released prior to discharge, operation of the demineralizer system would not cause environmental impacts significantly different than those already evaluated and found to be acceptable in the FES.

Idaho State University

License No. R-110 for the Idaho State University AGN-201 nuclear research reactor was amended August 30, 1979, authorizing a power increase from 0.1 watt to 5 watts (thermal), and redesignation as an AGN-201M reactor.

Salem, Unit No. 1

Public Service Electric and Gas Company reported on August 29, 1979 that the Salem, Unit No. 1 containment purge and pressure relief valves may not function during a design basis accident (LOCA). This information affects both 36 inch purge system valves and 10 inch pressure relief valves used on Salem, Unit No. 1 and Unit No. 2 (not licensed). The NRC staff had requested that the licensee reevaluate earlier torque values reported to NRC. Upon reevaluation the valve vendor, Mason-Neilan Valve Company, noted that previously furnished data was in error. Salem, Unit No. 1 is shut down for refueling, seismic review and anchor bolt evaluation and is expected to remain shut down during September. Evaluation of possible valve modifications has been initiated by the licensee. We will require assurance of valve adequacy prior to Salem, Unit No. 1 returning above cold operations.

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	4
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.

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SEISMIC SHUTDOWN PLANTS
STATUS AS OF 8/29/79

"5 Plant Shutdown"

MAINE YANKEE	-	Operating	
BEAVER VALLEY	-	Operating	
FITZPATRICK	-	Order permitting restart issued 8/14/79 - startup scheduled for 9/10/79	
SURRY 1	-	Restart in late September.	Order has been issued.
SURRY 2	-	Restart in late November.	Steam Generator replacement in progress.

Baseplate/Anchor Bolt Shutdown Plants

OCONEE 3	-	Restart 9/15	
FARLEY 1	-	Restart 10/1	

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ENCLOSURE B

~~TOP SECRET~~
FEEDWATER CRACKS PLANTS

POOR ORIGINAL

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 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:	11
	restarted:	8

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ENCLOSURE B

Plant	Plants with cracks # of Nozzles with indications	# of through Wall	Cause	Follow-up Insp. Results	NRC La Analysis
Cook 1/2	8 of 8	2	Corrosion assisted fatigue	N/A	BNL
Kewaunee	2 of 2	-	Corrosion assisted fatigue	N/A	BNL/
Salem 1	4 of 4	-	Corrosion assisted fatigue	N/A	
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	
Surry 1/2	6 of 6	-	Corrosion assisted fatigue	N/A	BNL
North Anna 2	1 of 3	-	Slight indication may not be a crack	N/A	
Ginna	2 of 2	-	Corrosion assisted fatigue	N/A	
Millstone 2	2 of 2	-	Unknown, max. crack depth 0.110 inches	Re-examine 10/31/79; monitor stress and local leak rate in- strumentation	

ENCLOSURE B

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STATUS OF PLANTS SHUTDOWN

Big Rock Point	Control Rod Drive Leak	Restart 10/1/79
Browns Ferry 3	Reload	Restart 11/24/79
Crystal River 3	Pump Seal	Restart 9/5/79
Dresden 1	ECCS Inspection	Restart 4/80
Humboldt Bay	Seismic Evaluation	Restart ?
Indian Point 1	ECCS	Restart ?
Indian Point 2	Reload	Restart 9/12/79
Oconee 1	Crack in Sys.	Restart 9/15/79
Salem 1	Anchor bolts and purge valves	Restart 10/1/79
Three Mile Island 1	Order	Restart ?
Three Mile Island 2	Accident	Restart ?

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OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING AUGUST 31, 1979

1. Publication of Final Rule to Add Veterinarians to the In Vitro General License: On August 28, 1979, a final rule to Part 31 was published in the Federal Register which will add veterinarians to the groups already authorized to use byproduct material under general license in §31.11 for in vitro clinical or laboratory testing. This rule will become effective on September 27, 1979.

[Deborah A. Bozik, 443-5860]

2. On August 30, 1979, Mr. Robert Minogue attended the Regulatory Council meeting for Chairman Hendrie. The main subject of the meeting was a rather detailed presentation by Milton Stewart, Chief Counsel for Advocacy, the Small Business Administration. He began with a general description of the functions of the Small Business Administration, particularly the role of his office as an ombudsman for small business. He discussed in general terms the impact of regulations on small businesses. He then reported on several major projects of his office: (a) systematic review of the impact of all proposed new regulations published by 42 separate Federal regulatory agencies (NRC included); (b) a study to assess the impact on small business of Federal paperwork requirements; and (c) development of an outline of a small business impact statement and a Small Business Code of Regulatory Fairness.

Mr. Costle stressed the importance which the President attaches to the efforts of the Regulatory Council and the high level of voter interest in regulatory reform. Mr. Costle also reported on the soon-to-be-issued for comment carcinogen policy which he said had been developed with broad input from the health related regulatory agencies and NCI.

Regulatory Council (EPA) staff present said that some changes are being made in the periodic reporting of accomplishments and new initiatives to reduce the burden of this reporting on the regulatory agencies.

Publications Issued During the Week of August 27-31, 1979

Proposed Rev. 1, Standard Review Plan Section 9.3.1, "Compressed Air System".
[Comments requested by October 24, 1979]

Notice to Regulatory Guide Distribution List (All Divisions) - Notification that in order to reduce the burden on the taxpayer, the NRC has made arrangements with the Government Printing Office to become a consigned sales agent for certain NRC publications. Effective October 1, 1979, regulatory guides are being included in this sales program and may be purchased on a subscription or individual copy basis.

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ENCLOSURE C

POOR ORIGINAL

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending August 31, 1979

Safeguards Consolidation

Members of the Reactor Safeguards Transition Team (RSTT) have completed their survey of outstanding reactor safeguards licensing and non-licensing actions requiring priority attention during the projected transfer of responsibilities to NMSS. Members of the Division of Safeguards have attended several previously scheduled meetings with reactor licensees to discuss ongoing licensing and rule development activities.

US/IAEA Agreement

Members of the Division of Safeguards staff assisted DOE in the preparation of a briefing to review the status of the activities for developing the capability to meet the reporting requirements under the US/IAEA Agreement. The briefing was presented by DOE to the U.S. Offer Coordinating Group on August 27, 1979. Attendees included representatives of NRC, State and ACDA. A follow-up meeting to discuss details and to reach operating decisions is scheduled for September 5, 1979.

Upgrade Impact on the Non-Power Reactors

A meeting was held on Monday, August 27, 1979 at NRC Region III Headquarters with representatives from non-power reactor licensees who are authorized to process formula quantities of SSNM. The meeting was called to discuss the impact of the Upgrade Rule on non-power reactor licensees and to assist NRC representatives in understanding their problems.

Free Standing Liquid in Low-Level Waste

The Low-Level Waste Licensing Branch staff met twice with NRR staff to define free standing liquid requirements for NRC inspectors and discuss implementation impacts. A draft branch technical position will be prepared to obtain state input. Waste Management and State Programs are arranging a meeting with representatives from Nevada, Washington, and South Carolina to discuss the free standing liquid issue. Representatives from I&E and NRR will also participate. Other issues such as solidification of resins and sludges and disposal of scintillation fluids and chelating agents will also be discussed with state officials. September 6 and 7 have been tentatively scheduled as discussion dates.

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ENCLOSURE D

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending August 31, 1979

1. Preliminary Notifications relating to the following actions were dispatched during the past week:
 - a. PNO-79-344A Millstone Unit 2 - Crack in Feedwater to Steam Generator Weld
 - b. PNO-79-364 Marble Hill Units 1 & 2 - Supplemental Information on Allegations Relative to U. S. Testing Company
 - c. PNO-79-365 Surry and Yadkin Counties, North Carolina - Radioactive Waste Shipments
 - d. PNO-79-366 Crystal River Unit 3 - Immediate Action Letter Issued on Unplanned Liquid Releases
 - e. PNO-79-367 Surry Unit 2 - Transportation and Studies on Radioactive Steam Generator
 - f. PNO-79-368 and -368A Virginia Commonwealth University, Richmond, Virginia - Possible Hand Overexposure
 - g. PNO-79-369 Oconee Units 1, 2 & 3 - Earthquake in Carolinas and Georgia
 - h. PNO-79-370 Hatch Unit 1 - Reactor Critical Following Refueling
 - i. PNO-79-371 Indian Point Unit 2 - Delayed Plant Startup Due to Pump Motor Failure
 - j. PNO-79-372 Oconee Unit 1 - Unit Shutdown to Repair Leaking Valves
 - k. PNO-79-373 Three Mile Island Unit 2 - Radioactive Contamination of Worker
 - l. PNO-79-374 Elfreth Alley Apothecary, Philadelphia, PA - High Radiation Levels from Xenon-133 Shipment
 - m. PNO-79-375 and -375A Three Mile Island Unit 2 - High Airborne Activity in the Fuel Handling Building
 - n. PNO-79-376 Calvert Cliffs Unit 1 - Misalignment of ECCS Valves
 - o. PNO-79-377 Point Beach Unit 1 - Steam Generator Tube Leak
 - p. PNO-79-378 Turkey Point Unit 4 - Overflow of Spent Fuel Pit
 - q. PNO-79-379 Wolf Creek Unit 1 - Worker Overcome in Tank
 - r. PNO-79-380 Three Mile Island Units 1 & 2 - Aircraft Crashes Near Plant

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ENCLOSURE E

- s. PNO-79-381 Salem Unit 1 - Containment Ventilation Isolation Valve Design Deficiency
- t. PNO-79-382 Kerr-McGee, West Chicago, IL - Authorization for Limited Decontamination Work
- u. PNO-79-383 National Bureau of Standards - Radioactive Surface Contamination
- v. PNO-79-384 M.V.P., Incorporated, Cape Gerardeau, MO - Alleged Theft of Seven Gauges Each Containing 50 Millicuries of Am-241
- w. PNS-79-94 Diablo Canyon Units 1 & 2 - Bomb Threat
- x. PNS-79-95 Salem Unit 1 - Unimpeded Access to Vital Area
- y. PNS-79-96 Babcock and Wilcox, Plutonium Facility Parks Township, PA - Inventory Difference in Excess of 1.5 Times Limit of Error (Gain)
- z. PNS-79-97 Fort St. Vrain - Unauthorized Weapon Inside Protected Area Fence

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OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

FOR THE WEEK ENDING AUGUST 31, 1979

POOR ORIGINAL

North Anna Power Station, Units 1 and 2

On August 6, the Licensing Board issued a decision, inter alia, granting VEPCO's motion for summary disposition of all contentions at issue, thereby dismissing the proceeding which had been set for hearing. The Staff had supported the summary disposition motion in its entirety. It was opposed by the intervenors. A Board Order detailing the reasons supporting its decision was issued on August 24 with an addendum of August 25. The intervenors filed a statement of exceptions on August 21.

Skagit Nuclear Power Project, Units 1 and 2

In ALAB-552 (July 9, 1979), the Appeal Board preliminarily considered the appeal of three Indian tribes from a order of the Licensing Board denying their tardy petition. In that decision, the Appeal Board concluded that two of the explanations given for the belated filing -- 1) that the tribes' treaty fishing rights were first adjudicated in a case decided in their favor by a federal district court in 1974 and the court of appeals in the following year; and 2) that the tribes were preoccupied with other matters -- were not meritorious. However, the Appeal Board granted the tribes an additional opportunity to address with particularity the third excuse advanced -- i.e., they were furnished erroneous or misleading information on matters of basic fact by federal agencies. In ALAB-559 (August 31, 1979), the Appeal Board concluded that the tribes' supplemental memorandum did not disclose either the misrepresentation or non-disclosure by the NRC Staff, the Department of Interior or any other federal agency of a fact material to the assessment of the likely effects of the construction and operation of the Skagit facility upon tribal interests. Further, after weighing the additional four factors set forth in 10 CFR § 2.714(a), the Appeal Board concluded that the Licensing Board decision denying intervention should not be overturned. Particularly, the Appeal Board noted that even if three of the remaining four factors should be considered to favor the tribes' intervention, those considerations are insufficient to overcome the high potential for delay which would attend upon a grant of intervention at this very late stage of an already protracted proceeding. It felt that the "promiscuous grant of intervention petitions inexcusably filed long after the prescribed deadline would pose a clear and unaccentable threat to the integrity of the entire adjudicatory process." (Slip op., p. 22)

Mr. Farrar wrote a separate opinion which dissented in part from the majority to basically reflect his belief that the Indians' excuses for late filing should be given greater recognition because of the unique responsibility generally owed by the government to Indians, and the vital nature of the interest (fishing rights) that the tribes brought in their intervention. Also, while agreeing

ENCLOSURE G

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with the majority that the Indians' petition was so late that letting them intervene without restriction was not desirable, he stated his belief that keeping the Indians out entirely might be costly in the long run, in terms either of delay or of the rendition of a decision which does not do justice to the important considerations involved with the impact of the facility on the Indians. Accordingly, Mr. Farrar would allow the Indians to intervene in a limited fashion, along the lines of one of the compromise solutions he suggests in his opinion.

ENCLOSURE G

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ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING AUGUST 31, 1979

EXPORT/IMPORT AND INTERNATIONAL SAFEGUARDS

U.S. Offer Implementation

NRC staff (IP, ELD, NMSS) met with representatives of State, ACDA, and DOE on August 28 to discuss the process of revising the Nuclear Materials Management and Safeguards System (NMSS) to accommodate the reporting requirements of the US/IAEA Safeguards Agreement. The briefing team consisted of officials from DOE/OSS, NRC/NMSS, and Union Carbide at Oak Ridge, TN, the contractor responsible for NMSS.

Meeting on Special Nuclear Materials Tracking and Management Analysis System (STAMAS)

IP staff met with representatives of DOE/ISA and the Lawrence Livermore Laboratory on August 27 to discuss the Special Nuclear Materials Tracking and Management Analysis System (STAMAS). The purpose of this meeting was for NRC staff to find out what the capabilities of the STAMAS system are and how it might be relevant to NRC's export licensing responsibilities. A classified memorandum of conversation will be prepared on this meeting.

U.S. International Safeguards Action Plan Working Group Meeting (APWG)

Members of the NRC staff (Ken Cohen, IP; Larry Mirfs, NMSS) attended a scheduled meeting of the APWG at the State Department on August 28. The Group reviewed work plans and discussed plans for developing the next progress report. Details of the meeting will be forwarded to the Commission shortly.

INTERNATIONAL COOPERATION

IAEA Technical Assistance

In the continuing program of NRC-IAEA safety assistance to Brazil, originally set up in March 1978, Robert Martin of Region II will be travelling to Rio de Janeiro in October to advise the Brazilian Nuclear Regulatory Authority (CNEN) in their review and evaluation of preoperational test results. The program was set up with six different tasks to be carried out over a period of time. This is the final task from that program.

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Response to Kemeny Commission Request

IP is preparing a letter to the Kemeny Commission enclosing SECY 79-425 and 425A, copies of the actual TMI-related reports from France, the FRG, Italy, Japan, Denmark, Canada, and the EC, and lists of foreign TMI documents received and either out for translation or not being translated because they appear to be information originated by NRC on the incident. This is in follow-up to requests made during Joe Lafleur's April 22, 1979, testimony before the Presidential Commission.

Incident at Finnish Reactor

IP was advised by telex on August 31 that a pipe rupture took place in TVO Unit 1 nuclear power plant, owned by the Teollisuuden Voima Power Company, at 9:35 p.m. on Wednesday, August 29. The ruptured 150 mm pipe, located outside the container and carrying full reactor pressure, was part of the reactor water cleanup system.

The failure caused overflowing into the room and was immediately detected by the room monitoring system. The pipe line was isolated and the reactor scrammed automatically. The rupture lies alongside the pipe, 150 mm long and about two millimeters wide. It is situated on a smooth pipe section away from joints and welds. The material of the pipe is austenitic steel AISI 376 TP 304. The reactor was brought to cold shutdown on August 30 at 10:20 a.m.

The volume of leaked water is estimated to be 5 cubic meters with total activity of about 100 MCI. Average gamma dose rate in the room is normal (about 10 mrem/h) with no detectable contribution from surface contamination. No injuries were involved, and no abnormal personnel exposures detected. No radioactivity was released to the environment.

The Finnish Institute of Radiation Protection, with which IP is now discussing an information exchange and cooperation proposal, provided the above information.

* Foreign Reports

The following foreign reports were received at IP during the period of August 22-31, 1979. For further information contact Maxine Johnson (X27788). (** indicates report is in English.)

From Japan:

Deleted from PDR copy.

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OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING AUGUST 31, 1979

State Agreements

Orientation in Regulatory Practices, a two-week course for Agreement State personnel, will be presented beginning September 10, 1979. Twenty State representatives will attend.

Emergency Preparedness

Robert DeFayette testified before the Interim Joint Committee on Health and Welfare of the Kentucky Legislative Research Commission. The Joint Committee is drafting legislation to mandate that Kentucky at all times have a comprehensive disaster preparedness plan to protect Kentucky citizens from accidents at nuclear power plants in States contiguous to Kentucky.

Arrangements have been made to present the Radiological Emergency Response Coordinators training course in New England the week of October 29 and in Florida the week of December 3. This is basically a technical course and is designed to help State and local personnel assess accident conditions and make recommendations on protective actions. Nine States have requested the one-week Radiological Emergency Response Planning Course. Scheduling of these is being done.

The EP staff met with representatives of the Texas Health Department and Texas Nuclear Utilities to discuss development of the State RERP plan.

In support of the Michigan emergency preparedness planning W. Pasedag, NRR, briefed the Michigan Environmental Review Board (reporting to the Governor) on nuclear power plant accident consequences. The Board will review the draft Radiological Emergency Response Plan prior to its submission to NRC for review and concurrence.

R. Van Niel met with the Regional Advisory Committee in Chicago on August 23 to discuss the review by the several Federal agencies of the Ohio plan prior to a meeting with State agencies on September 11 and 12.

SP representatives assisted in briefings of licensees of nuclear power reactors arranged by NRR during the week of August 20: Tom Elsasser, Rod Mason and Ken Greene at Philadelphia; Hal Gaut, Dick Clevenger and Singh Bajwa at Atlanta; Harold Collins and Dick Van Niel at Chicago; Andy Robart and Dick Cleveland at Las Vegas.

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ENCLOSURE I

On August 23, 1979 Tom Elsasser, Region I State Liaison Officer, met in Delaware City, Delaware with State officials from the Division of Emergency Planning and Operations to discuss the Radiological Emergency Response drill to be held on September 20, 1979. On August 29, he and Rod Mason met with officials from the State of Maryland in Pikesville to discuss RAC III's initial comments resulting from review of the Maryland State Radiological Emergency Response Plan.

A Florida State, county, utility exercise was held for the St. Lucie nuclear power facility on August 23, 1979. This exercise is one of the requirements for continued concurrence of the Florida radiological response plan. A post-exercise evaluation was conducted the following day. Initial comments indicate that it was a good exercise with satisfactory response demonstrated.

The Defense Nuclear Agency (DNA) has started preparation for a joint DOD/DOE nuclear weapon accident exercise (NUWAX) in 1981, a follow-on to NUWAX-79. DNA has made initial contact with NRC, inviting this agency as well as EPA, FEMA, and the FBI to participate in the next exercise. The DNA headquarters action officer is Major Philip G. Kaster (202) 325-7039/7040. DNA was advised to send correspondence/information updates to the NRC Emergency Operations Center, c/o Bernard Weiss, Nuclear Regulatory Commission.

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OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

WEEK ENDING - August 31, 1979

Briefing Material for Commissioner Kennedy

Surveyed major work underway at Brookhaven to provide background paper for Mr. Kennedy's upcoming trip.

Draft Speech Material For Chairman Hendrie

Sent Chairman information for speeches to be given to AIF in Copenhagen and at UKAEA seminar in London.

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CALENDAR OF SIGNIFICANT EVENTS

TWO-WEEK PERIOD ENDING SEPTEMBER 17, 1979

September 6

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

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ENCLOSURE L

CALENDAR OF SPEAKING ENGAGEMENTS

SEPTEMBER

September 12-13 Nuclear Records Management Association Symposium, San Francisco, CA, Two RV Staff personnel to participate on an 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

OCTOBER

October 16 NRC Occupational Health Protection Standards/ICRP-26 Army Medical Department, Edgewood Area, MD, Robert E. Alexander

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

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