

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

June 18, 1980

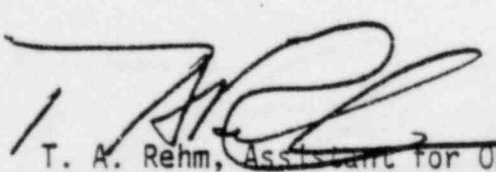
**INFORMATION REPORT**

SECY-80-293

For: The Commissioners  
From: T. A. Rehm, Assistant for Operations, Office of the EDO  
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING JUNE 13, 1980

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 Executive Director for  
Operations

\*No input this week.

\*\*Deleted from Commissioners and PDR copy.

CONTACT:  
T. A. Rehm  
27781

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## SUMMARY OF WEEKLY INFORMATION REPORT

Week Ending June 13, 1980

### Turkey Point 3

The Region II inspector informed the staff of a Unit 3 Generator B leak of 0.18 gallons per hour. The license limit is 0.3 gallons per minute per steam generator.

### Arkansas Nuclear One, Unit 2

On June 5 the ANO-2 plant commenced shutdown operations to investigate the causes of what is believed to be secondary side leakage (40-60 gpm). The unit is being brought to a condition which will allow entry into containment to investigate the cause of the leakage.

### Radiation Policy Council

On June 10 NRC representatives (SD) attended a meeting of the Working Group on the Agenda for the Radiation Policy Council. The principal discussion topics were the work plans developed by three task forces on (1) occupational exposure, (2) natural radon levels, and (3) low-level waste disposal from medical and research institutions. All three task forces are scheduled to have reports submitted to the Council by mid-August 1980 so that they can be incorporated into the Council's Annual Report to the President due by September 30 by the Executive Order (12194) that created the Council.

A public meeting was held on June 11 to obtain comments and suggestions from the public on specific issues that the Council might address during the coming months and years. Fifteen speakers representing medical, consumer, labor and nuclear utility groups addressed the Council. All of the speakers had well-organized, detailed proposals for the Council's agenda.

### NFS-West Valley

On June 5 the Fuel Cycles Division Director sent letters to the co-licensees for the shutdown of West Valley fuel reprocessing facility, noting that although the NRC is not a party to the lease and waste storage agreement that binds the co-licensees, the staff is aware that the site lease is due to expire on December 31, 1980. The staff requested that the co-licensees specifically inform us of any plans for renewing the lease or for obtaining a replacement site operator. The staff reminded them that an amendment application for license transfer must be reviewed and approved by the NRC staff under the provisions of 10 CFR 50.80 prior to issuing an amendment to transfer the license to a new site operator.

### FY 1980 Reprogramming

Congressional approval has now been received from all Committees. Financial plans and allotment changes are now being processed.

### FY 1981 Budget

The House Appropriations Committee is scheduled to markup June 16.

OFFICE OF ADMINISTRATION

Week Ending June 13, 1980

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Received	383	25
Granted	266	6
Denied	64	11
Pending	53	8

ACTIONS THIS WEEK

Received

Dean Hansell,  
State of Illinois  
(80-300)

Referral from the National Security Council of one document regarding the transportation of special nuclear material.

Renee Parsons,  
Friends of  
the Earth  
(80-301)

Requests documents from April 1979 relating to the boron water in the core at TMI II.

Adam Paul Banner  
(80-302)

Requests a copy of NUREG-0646 and NUREG-0648.

Donald F. Knuth,  
KMC, Inc.  
(80-303)

Requests all documents relating to the changes in the rulemaking on Fire Protection, as attached to SECY-80-88 and the record of the Commission's vote regarding these changes.

John Alan Bernard,  
Kudzu Alliance  
Research Committee  
(80-304)

Requests all files relating to mail openings and/or surveillance of the Kudzu Alliance.

(An individual requesting  
information about herself)  
(80-305)

Requests all documents retrievable by search under her name.

John Forster,  
The Initiative  
News Report  
(80-306)

Requests a copy of a mailing list entitled "NRC Distribution Category Code #CL - State Legislation and Activities Report."

CONTACT: J. M. Felton  
492-7211

ENCLOSURE A

Received, Cont'd

William H. Button,  
Radiological Control  
Consultants  
(80-307)

Requests all documents relating to the NUMANCO Company.

Lana Cobb,  
NTEU Steward  
(80-308)

Requests specific information relating to the pay adjustment for NRC interns.

Charles Varon  
(80-A-17-80-222)

APPEAL TO THE EDO for information relating to the Abalone Alliance.

Granted

Donald F. Knuth,  
KMC, Inc.  
(80-136)

In response to a request for a list of equipment that has been environmentally qualified by various environmental testing laboratories, informed the requester the NRC does not maintain a list of equipment that has been environmentally tested but sent him a copy of a Commission Memorandum and Order addressing environmental qualification of equipment.

(An individual requesting  
information about himself)  
(80-251)

In response to a request for four categories of documents pertaining to him, made available one document.

Martin Levy,  
NTEU Steward  
(80-271)

In response to a request for the amount of time spent by named individuals and their secretaries concerning an NRC employees' grievance, informed the requester there are no records concerning the amount of time spent on this grievance.

Lindsay Audin,  
Westchester County  
Board of Legislators  
(80-277)

In response to a request for documents regarding a grant proposal from Mr. Ned Lighlman, informed the requester the NRC has no record of receiving a proposal from Mr. Lighlman.

Eugene R. Fidell,  
Attorney-At-Law  
(80-280)

In response to a request for a copy of a contract (NRC-03-80-137) between the NRC and the Human Design Group, the underlying Request for Proposal or similar document, and any related correspondence, made available six documents.

William Hegarty,  
Self-Powered  
Lighting Limited  
(80-285)

In response to a request for documents regarding tritium gas discharges, plant inspections, and any enforcement actions taken against U.S. Radium Corporation, made available 11 documents.



Denied

(NRC employee)  
(80-273)

In response to a request for documents pertaining to the personnel selection for Vacancy Announcement 79-589, made available three documents. Denied portions of six documents, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

Marvin Resnikoff,  
Sierra Club Radioactive  
Waste Campaign  
(80-A-14-80-137)

In response to an appeal for routing information for the proposed spent fuel shipments from Chalk River Canada to South Carolina, the EDO denied this material considered commercial or financial (proprietary) information.

DIVISION OF CONTRACTS

Week Ending June 13, 1980

PROPOSALS UNDER EVALUATION

1. RFP RS-OSP-80-302  
Title - Medical Use of Radionuclides for State Regulatory Personnel  
Description - The training course will acquaint the student with both the routine and special uses of radionuclides in medical diagnosis, therapy and research.  
Period of Performance - One year  
Sponsor - Office of State Programs  
Status - Competitive range established May 11, 1980.
2. RFP RS-OSP-80-304  
Title - Safety aspects of Industrial Radiography for State Regulatory Personnel  
Description - The training course will acquaint the student with industrial radiography operations and the importance of radiation safety as it relates to those operations.  
Period of Performance - One year  
Sponsor - Office of State Programs  
Status - Competitive range established May 11, 1980.
3. RFP RS-RES-80-182  
Title - Definition of Bounding Physical Tests Representative of Transport Accidents - Rail and Truck  
Description - Based on an investigation and assessment of extremely severe transport events, define a set(s) of radioactive material shipping package performance tests which bound the environments experienced in such accidents.  
Period of Performance - Eighteen months  
Sponsor - Office of Nuclear Regulatory Research  
Status - Negotiations scheduled for week of June 16, 1980.

IFB'S ISSUED

IFB RS-ADM-80-384  
Title - News Clipping Service  
Description - The contractor will be required to furnish NRC with newspaper and magazine clippings that relate to nuclear power.  
Period of Performance - One year  
Sponsor - Office of Administration  
Status - IFB issued May 30, 1980. Bids are due June 30, 1980.

ENCLOSURE A

CONTRACT AWARDS

1. NRC-10-80-694  
 Title - Statistical Analysis to Assist NRC Senior Personnel Hearing Counsel  
 Description - The contractor will provide services to the NRC Senior Personnel Hearing Counsel for the purpose of assisting him in preparing and presenting the agency's case in a pending equal employment opportunity class action litigation.  
 Period of Performance - Three months  
 Sponsor - Office of Administration  
 Status - A fixed-price contract in the amount of \$28,500 was awarded on June 2, 1980, to Seymour L. Wolfbein.
  
2. NRC-10-80-692  
 Title - Purchase and Installation of Six (6) Model AH, Receive-Only Teleprinters  
 Description - The project entails the implementation of plans to improve the real-time collection of plant region information. This includes consideration of severe weather phenomena (e.g., tornadoes, hurricanes, river flooding) and meteorological data necessary for gaseous dispersion assessment in the event of an accidental release.  
 Sponsor - Office of Administration  
 Status - A fixed-price contract in the amount of \$10,859.40 was awarded on June 4, 1980, to Extel Corporation/Warner Associates, Inc.

CONTRACTS CLOSED OUT

(All administrative action completed and final payment made)

<u>Contract No.</u>	<u>Contractor</u>	<u>Close-Out Date</u>
AT(49-24)-0091	Allen J. Schultz	6/10/80

ADMINISTRATIVE MATTERS

Contract No. NRC-10-80-382 with the Small Business Administration (SBA) and subcontract No. SB3-4-0-8(a)-80-C-598 with Norman Hodges Associates (NHA) for project entitled "Evaluation of Cost/Benefits of Policy for Placement of Documents in the Public Document Room (PDR)." Sponsor - Office of Administration.

As previously disclosed in the Weekly Information Report dated June 6, 1980, NHA was issued a Cure Notice on May 23, 1980 which advised that a potential conflict of interest situation was endangering satisfactory performance of the contract in accordance with its terms. NHA's response to the Cure Notice was received on June 9, 1980. Based on a review of this response appropriate ADM, EIC and DC staff have determined that NHA should not be allowed to continue performance of the contract until this matter is resolved. Therefore, the Contracting Officer issued a Stop Work Order to NHA on June 12, 1980. A meeting with representatives of NRC, NHA, SBA and Department of Commerce is being scheduled for the week of June 16, 1980 regarding this conflict of interest situation.

DIVISION OF SECURITY  
ITEMS OF INTEREST  
WEEK ENDING JUNE 13, 1980

Security Surveys Conducted

A periodic security survey was conducted at Techtran Corporation, Glen Burnie, Maryland. It resulted in the assignment of a satisfactory rating.

A special security survey was completed of the cashier facility, Office of the Controller, NRC Headquarters office, Bethesda, Maryland.

Security Support of ASLBP Hearings

During the week of June 9, 1980, FSSB personnel coordinated with local law enforcement agencies and provided security support activity for the Atomic Safety and Licensing Board Panel hearings in Eureka, California.

Control of Official Use Only Information

The State Department advised in correspondence to the Director, Division of Security, NRC, that it interposes no objections to a proposed revision of NRC procedures for the handling of Limited Official Use information to be incorporated in NRC Manual Appendix 2101, "NRC Security Program," Part IV, "Control of Official Use Only Information."

OFFICE OF NUCLEAR REACTOR REGULATION

WEEKLY ITEMS OF INTEREST  
(Week Ending June 13, 1980)

Turkey Point 3

At 4:00 the Region II Inspector, Steve Elrod, informed M. Grotenhuis of Unit 3 Generator B leak of 0.18 gallons per hour. The license limit is 0.3 gallons per minute per steam generator.

Arkansas Nuclear One, Unit 2

At 4:25 AM on June 5, 1980 the ANO-2 plant commenced shutdown operations to investigate the causes of what is believed to be secondary side leakage.

Leakage had been detected earlier in the week. Entries into containment at that time did not reveal the source of the leakage. On the evening of June 4, 1980 the leakage rate increased to the range of 40 to 60 gpm which prompted the decision to shut the unit down. Attempted entries into containment were unsuccessful due to high humidity fogging the facemasks of personnel. The unit is being brought to a condition which will allow entry into containment to investigate the cause of leakage. A guess is that entry will be made on the afternoon of June 5, 1980.

One known reportable occurrence has resulted. Auxiliary Feedwater System Valve 2CV1075 for S.G.-B failed to open on demand from the control room. Therefore, the B steam generator is currently being fed from the steam turbine driven auxiliary feedwater pump. The A steam generator is being fed in normal fashion from the electric AFW pump.

Millstone 2

Progress is being made on plant modifications of base plates, anchor bolts and support members in response to Bulletin No's. 79-02 and 79-14. After one month of reactor shutdown, Northeast Nuclear Energy Company (NNECO) and Bechtel Corporation (the plant AE) have: (1) determined that of the 268 supports with a safety factor potentially less than 2 only 70 were found to actually have a value less than 2; and (2) completed modifications on 43 of the 70 supports requiring such work. The systems involved are the main steam, service water and safety injection. As previously reported (Daily Highlight of May 9, 1980) the majority of the seismic problems result from the use of OBE instead of DBE values in the original support analyses performed at Bechtel. NNECO expects to have the work completed and commence startup of the unit early next week (around June 16, 1980).



Millstone 1

The Millstone 1 unscheduled shutdown on May 30, 1980 due to ruptured expansion bellows in the 9th turbine stage extraction steam to the feedwater heaters (inside the main condenser) may require several weeks for repairs and result in equivalent postponement of the refueling outage that had been scheduled for September-October 1980. Five damaged expansion bellows (of a total of 16) have caused damage to baffles and some structural members....No observed damage to condenser tubes and, therefore, no perceived threat to plant safety related to chloride intrusion.

## NRC TMI PROGRAM OFFICE WEEKLY STATUS REPORT

Week of: June 7-13, 1980

### Plant Status

Core Cooling Mode: Cyclic natural circulation in the "A" reactor coolant system (RCS) loop via the "A" once through steam generator (OTSG), steaming to the main condenser, and RCS loop-A and B cyclic natural circulation to reactor building ambient.

Available Core Cooling Modes: OTSG "B" to the main condenser; long term cooling "B" (OTSG-B); decay heat removal.

RCS Pressure Control Mode: Standby Pressure Control (SPC) System.

Backup Pressure Control Mode: Makeup system in conjunction with letdown flow (Emergency use only due to suspected leaks in the seal injection system).

Major Parameters (As of 0530, June 13, 1980) (approximate values)

Average Incore Thermocouples: 151°F

Maximum Incore Thermocouple: 191°F

#### RCS Loop Temperatures:

	A	B
Hot Leg	149°F	153°F
Cold Leg (1)	105°F	81°F
(2)	117°F	82°F

RCS Pressure: 81 psig (Heise)  
94 psig (DVM controlling)

Pressurizer Temperature: 92°F

Reactor Building: Temperature: 80°F  
Pressure: -0.8 psig (Heise)  
Water level: Elevation 290.2 ft. (7.7 ft. from floor)  
via penetration 401 manometer

### Environmental & Effluent Information

1. Liquid effluents from TMI-1 released to the Susquehanna River, after processing, were within the limits specified in Technical Specifications.
2. No liquid effluents were discharged from TMI-2.
3. Results from EPA monitoring of the environment around the TMI site were:

- EPA environmental stations registered background levels for air particulate and water samples. Gamma scan results for all sampling locations were negative.
- Gas/Air (Kr-85) sample results during the period May 30 through June 6, 1980 were: Goldsboro - 20 pCi/m<sup>3</sup>, TMI Observation Center - 24 pCi/m<sup>3</sup>, Middletown - 18 pCi/m<sup>3</sup> and Bainbridge - 24 pCi/m<sup>3</sup>. The EPA states that the Kr-85 background concentration in the vicinity of TMI to be in the range of 20 and 40 pCi/m<sup>3</sup>.
- Instantaneous direct radiation readings showed an average level of 0.013 mRem/hr at the 18 monitoring stations. The measurements are all attributed to naturally occurring radioactivity.

#### 4. NRC Environmental Data

- The West Screen House continuous air sample (HP-219) for the sampling period June 4 through June 11, 1980, has been delivered to the EPA Coordination Center for analysis.
- The licensee provided the following monthly inventory of Kr-85 releases for 1980: January-80 Ci, February-80 Ci, March-63 Ci, April-5 Ci, May-85 Ci, and June (to midnight of June 12) 27 Ci. Total-404 Ci.
- Results of the environmental TLD measurements for the period April 30 to May 29, 1980, indicate no gamma levels above natural background. Fifty-eight TLD's registered doses ranging from 0.11 mR/day to 0.20 mR/day. Average dose was 0.16 mR/day. These dose rates are consistent with natural background radiation in the TMI area.

#### 5. Radioactive Material and Radwaste Shipments Offsite were as follows:

- On Monday, June 9, 1980, a Unit 2 shipment of laundry was sent to Tri-State Industrial Laundries, Utica, New York.
- On Monday, June 9, 1980, a Unit 2 reactor coolant sample was sent to the Babcock and Wilcox facility, Lynchburg, Virginia, for chemical and radiochemical analyses.
- On Thursday, June 12, 1980, a Unit 2 effluent sample from the reactor coolant resin column was sent to Science Applications Incorporated (SAI), Rockville, Maryland, for analysis.
- On Thursday, June 12, 1980, a Unit 2 EPICOR II effluent sample was sent to SAI, Rockville, Maryland, for analysis.

- On Thursday, June 12, 1980, a Unit 1 SRT-3 LSA dewatered resin liner (Type B) was shipped to Chem-Nuclear Systems Incorporated (CNSI), Barnwell, South Carolina.
- On Thursday, June 12, 1980, a Unit 1 SRT-4 LSA dewatered resin liner (Type B) was shipped to CNSI, Barnwell, South Carolina.
- On Tuesday, June 10, 1980, NRC Region V and Washington state inspectors examined a shipment of 128 drums of low-level waste that was received from Unit 2. The inspection has revealed one drum had a broken locking ring and four drums had loose locking rings. A contamination check indicated no significant radioactive contamination. No health and safety problems were identified, however, based upon the identified inadequacies, the State of Washington banned Metropolitan Edison Company from use of the burial site until further notice. The locking rings were fixed and the drums have been placed into the disposal trench. The licensee is taking corrective actions to improve the quality assurance program, modifying procedures, installing equipment, and improving training. These measures are being taken to restore Metropolitan Edison's access to the disposal site.

6. EPICOR II Processing Status: (auxiliary building approximate quantities)

Amount processed this week:	None due to outage
Amount processed to date:	331,000 gallons
Amount to be processed:	146,000 gallons

Major Activities This Week

1. Reactor Building Purge. On June 12, 1980, the Commission authorized the licensee to remove Kr-85 from the reactor building by controlled purging to the atmosphere. The Commission approval provided that purging may begin no sooner than June 22, 1980.

A copy of the Commission orders are attached as Appendix A and B.\* The order also provides for operation of a "fast" purge flow path to accelerate the purging of the venting evolution. The licensee estimates that the fast purge system could be operational by July 11, 1980.

The actual start date of purging (slow process) depends on the completion of several major prerequisites. These are: calibration of effluent process monitors for Kr-85 prior to uncapping the plant (vent) stack; uncapping the stack for an elevated release point (auxiliary building supplemental ventilation system to be placed in a standby condition); correction of deficiencies noted during the functional test of hydrogen purge cleanup system; and successful completion of "dryrun" procedure utilizing maximum equipment operation without actual purging of the reactor building. These actions are scheduled for completion during the week of June 16.

The licensee has indicated that purging of the reactor building will begin on June 28, 1980.

In addition, a reactor building air sample for particulates was obtained on June 12, 1980, and the results are under review by the licensee and TMI Program Office staff.

The onsite staff will be supplemented to provide 24 hour coverage of purge activities.

2. Reactor Building Entry. The licensee has evaluated all possible causes for the jammed inner door and has concluded a jammed safety lock solenoid pin (on reactor building side of the inner door) is the most probable cause.

The safety lock was probably activated as designed, during the accident, but never re-assumed its non-activated position due to a malfunction. It is likely that corrosion eventually anchored the pin in the activated state.

Immediate plans are to drill a hole approximately 3/4 inch in diameter on the inner door at the point where the pin is located maintaining containment integrity. A prying device will then be used to force the pin down and out of the jammed position. This evolution is scheduled during the week of June 16. The associated procedure is currently under review by the TMI Program Office staff.

3. EPICOR II Outage Status. EPICOR II unscheduled outage continued throughout this week for system maintenance. Approximately 60,000 gallons of processed waste water has been transferred from the EPICOR II processed water receiver tank to the TMI-2 condensate storage tank and all waste water in the two lower tanks of the Fuel Pool Waste Storage System (approximately 50,000 gallons) has been transferred to the TMI-2 reactor coolant bleed holdup tank "C" for subsequent processing. Startup of the system is expected on Wednesday, June 18, 1980.
4. (Temporary) Nuclear Sampling System (SNS). Operation of this system was delayed due to an administrative scheduling problem.



Meetings Attended with Public Officials and Interested Groups

1. On June 10, 1980, H. Denton, B. Snyder, and J. Collins attended a meeting held by the NRC Commissioners on the issue of purging the TMI-2 reactor building.
2. On June 11, 1980, G. Sanborn addressed the Appleton Papers Management Club at 6:30 p.m. at Hardings Restaurant in Camp Hill.

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING JUNE 13, 1980

1. Working Group on Radiation Policy Council Agenda: On June 10, 1980 there was a meeting of the Working Group on the Agenda for the Radiation Policy Council. Karl Goller and Hal Peterson of SD represented the NRC at this meeting. The principal discussion topics were the work plans developed by three task forces established by the Council on (1) occupational exposure, (2) natural radon levels, and (3) low-level waste disposal from medical and research institutions.

The task force on occupational exposure will focus on federal agency authorities and approaches used for regulation of occupational radiation exposures (NRC, OSHA, and EPA authorities primarily). This examination will be directed toward identifying similarities and differences in the approaches used and the reliance upon dose limits, control of collective doses, and the implementation of the "as low as is reasonably achievable (ALARA)" philosophy. This analysis will then be used to develop a uniform approach to occupational radiation exposure control. Robert Alexander of SD represents NRC on this task force.

The task force on natural radioactivity intends to focus their activities on the issue of radon in residences and commercial buildings. This issue is currently of special importance to HUD, EPA, and DOE. It relates to energy conservation measures which could lead to increased buildup of indoor radon levels by restricting ventilation rates and leakage rates from buildings. A possible impact on NRC-licensed activities would be the relationship between any recommended remedial action levels and indoor radon levels in buildings near (or on) uranium mill tailings. Ralph Wilde of NMSS represents NRC on this task force.

The task force on low-level waste (LLW) disposal is focusing on problems faced by medical and research institutions in the lack of low-level waste disposal sites. The efforts of this task force will include examination of existing regulatory requirements for low-level radioactive waste disposal and long and short-term technologies that could be applied to alleviate the problem. Changes in regulations that could reduce problems in LLW disposal will also be investigated. Lidia Roche-Farmer of NMSS represents NRC.

All three task forces are scheduled to have reports submitted to the Radiation Policy Council by mid-August 1980 so that they can be incorporated into the Council's Annual Report to the President due by September 30 by the Executive Order (12194) that created the Council.

Also discussed was the possibility of regional meetings throughout the country to solicit additional public input on issues for Council consideration and on the three task force efforts discussed above. These meetings would supplement the June 11th meeting held in Washington, D.C. (see following item).

[Contact: K. R. Goller (443-5991)]

ENCLOSURE C

2. Radiation Policy Council Public Meeting: The Radiation Policy Council met on June 11, 1980, to obtain comments and suggestions from the public on specific issues that the Radiation Policy Council might address during the coming months and years. The Council expects to establish its long-term agenda in September 1980, relying on views from the public as well as recommendations from state and local governments, the Council's staff, and from Federal agencies belonging to the Council.

William Dircks, Acting EDO, and Karl Goller, SD, were NRC's representatives at this meeting. Fifteen speakers representing medical, consumer, labor and nuclear utility groups addressed the Council. All of the speakers had well-organized, detailed proposals for the Council's agenda.

Essentially, the medical groups asked that the hospital low-level waste disposal problem be solved expeditiously, that the Federal government fund radiation protection and medical physics training, and that there be Federal coordination of overlapping regulatory authorities.

The consumer groups asked for representation of consumers and labor on the Council, transfer of all occupational regulatory functions to OSHA and a comprehensive worker radiation exposure registry with free access by workers to their exposures histories.

The representative of labor (IBEW) asked that 10 CFR Part 20 be left alone, that the 5(N-18) rule be retained and that ICRP No. 26 not be adopted by NRC.

The nuclear utility groups asked that the present occupational and environmental standards be retained, that risk assessments for low-levels of ionizing radiation be recognized as conservative and that the federal government fund the training of radiation protection personnel.

A recurrent theme throughout the day's meeting was the need to educate the public on both the risks and benefits of ionizing radiation. Over a hundred people attended the meeting which was conducted without controversy.

[Contact: E. Podolak (443-5860)]

3. Publication of Final Rule on Labeling Requirements for Gas and Aerosol Detectors (Smoke Detectors) Containing Radioactive Material: On June 9, 1980, a final amendment to Part 32 was published in the Federal Register under the signature of the Acting Executive Director for Operations. The amendment provides new requirements for labeling of gas and aerosol detectors, including smoke detectors and also for labeling the boxes used in the retail sale of these detectors. The new requirements are intended to: (1) inform prospective purchasers and other persons that the detectors contain radioactive material, and (2) identify the radioactive material and quantity of activity in each detector. The amendment will become effective January 1, 1981.

[Contact: Donovan Smith (443-5946)]

Publications to be Issued in the Near Future

Title: Calibration and Error Limits of Air Sampling Instruments for Total Volume of Air Sampled (R.G. 8.25)

Expected Issuance Date: August 1980

Description: The guide references a publication by ACGIH, Air Sampling Instruments for Evaluation of Atmospheric Contaminants, as providing acceptable methods for calibrating air volume and flow rate metering devices. The guide adds requirements for frequency of calibration, documentation and error limits for total volume determination.

Contact: A. Roecklein (443-5970)

Title: Applications of Bioassay for Fission and Activation Products

Expected Issuance Date: August 1980

Description: This guide identifies the bases that will be used by the NRC staff in evaluating the need for incorporating in licenses provisions to require bioassay programs for employees who may be subject to internal radiation exposure from the inhalation or ingestion of fission or neutron activation products.

Contact: A. Brodsky (443-5970)

Publication to be Withdrawn in the Near Future

Title: Emergency Planning for Nuclear Power Plants

Expected Withdrawal Date: June 1980 - The withdrawal date is contingent on Commission approval of the final emergency preparedness rule change for issue.

Description: The subject regulatory guide does not reflect the upgraded emergency preparedness requirements for nuclear power reactors. The information in NUREG-0654 and the emergency preparedness rule change will be used as a basis for the issuance of a new Regulatory Guide 1.101 when the revision work can be completed.

Contact: Frank Lomax (443-5966)

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending June 13, 1980

MC&A Upgrade Rule Development

A series of meetings were held between NRC staff members and personnel from Lawrence Livermore Laboratory. These meetings covered the value-impact analyses that are being performed at Lawrence Livermore Laboratory in support of the MC&A Upgrade Rule requirements development. One of the topics discussed included how to measure the value of alternative response requirements being considered as part of the Upgrade Rule.

Reprocessing of Non-Power Reactor Fuel for Clandestine Purposes

The DOE proposal of work for a study to determine the resources needed by a subnational group to reprocess non-power reactor fuel into a useable form has been received. The proposal was reviewed by NRC staff and is acceptable. This study is being performed by the Idaho National Engineering Laboratory which will provide a draft final report by September 30, 1980.

Category II Material in Transit - Final Rule

Comments have been received on the proposed rule to allow the NRC to delay the shipments of certain quantities of Category II shipments. This is to prevent the concurrent shipment of two or more quantities of SNM of moderate strategic significance that would exceed a formula amount. Based upon these comments, a final rule will be forwarded for publication shortly.

International Training Course Participation

Messrs. Partlow and Wirfs, Division of Safeguards, participated as members of the training staff for the International Training Course on Nuclear Materials Accountability and Control held at Santa Fe on May 27-June 6, 1980. Thirty students from 22 countries attended the course which was sponsored by DOE under the mandate of the Nuclear Non-Proliferation Act. Pursuant to the NNPA, NRC staff also acted as consultants to the course.

Remote Safeguards Verification

NMSS staff was briefed on June 3 by F. Prokowski (ACDA) and R. W. Griebe (Energy Incorporated) on the RECOVER and TRANSEVER programs for the remote continuous verification of sensor data for safeguards.



NFS - West Valley

On June 5, 1980, Mr. Richard E. Cunningham, FC Division Director, sent letters to the co-licensees for the shutdown West Valley fuel reprocessing facility. The co-licensees are the site operator, Nuclear Fuel Services, Inc. (NFS) and the site owner, the New York State Energy Research and Development Authority. In these letters, the staff noted that although the NRC is not a party to the lease and waste storage agreement that bind the co-licensees, the staff is aware that the site lease is due to expire on December 31, 1980. For this reason, the staff requested that the co-licensees specifically inform us of any plans for renewing the lease or of any plans for obtaining a replacement site operator. The staff reminded the co-licensees that an amendment application for license transfer must be reviewed and approved by the NRC staff under the provisions of 10 CFR 50.80 prior to issuing an amendment to transfer the license to a new site operator.

Meeting with Members of the American Osteopathic College of Radiology

Members of the Division of Fuel Cycle and Material Safety met with representatives of the American Osteopathic College of Radiology (AOCR) on June 9, 1980.

The AOCR representatives are seeking to have NRC accept certification by the osteopathic specialty boards as evidence that a physician has adequate training and experience for the medical use of radioisotopes. The staff explained that this decision is made with the advice of NRC's Advisory Committee on the Medical Uses of Isotopes (ACMUI). The AOCR will submit the necessary information for review by ACMUI members and plans to make a presentation to the ACMUI at its August 18, 1980 meeting. The meeting with AOCR representatives was valuable in opening lines of communication with this group.

NRC Waste Management Technical Assistance to the State of Kansas

On May 30, 1980, the Waste Management Division sent to the State of Kansas a Health and Safety Assessment of the Rickano Corporation request for a license. Rickano Corporation has asked Kansas to grant them a license to operate a low-level, retrievable storage waste facility in a salt mine, located in Lyons, Kansas. Kansas asked the NRC to assist them in evaluating the request. The Health and Safety Assessment was based on a limited scope of waste, identified by NRC personell from correspondence received by Kansas from Rickano Corporation. Based on this scope of waste, NRC determined that: (a) they could not see any technical health and safety reasons why the facility could not be licensed and (b) that more information was needed to conduct an adequate environmental assessment.

DES Issued for Bison Basin In-Situ Mine Project

Based on the application and supporting information submitted by Ogle Petroleum, Inc., the Division of Waste Management (WMUR) of the NRC has issued a Draft Environmental Statement (DES) for the Bison Basin uranium mine project. Uranium will be extracted by in-situ methods from a forty acre ore body at the Bison Basin facility, located in south Fremont County, Wyoming. The DES contains a discussion of alternatives to the project, description of the proposed project and the conditions under which the NRC will consider licensing the project.

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending June 13, 1980

1. The following Notification of Significant Enforcement Action was dispatched during the past week:
  - a. EN-80-20 Carolina Power and Light Company (Brunswick Units 1 & 2) - A Notice of Violation and a Notice of Proposed Imposition of Civil Penalties in the amount of \$24,000 were issued to the subject licensee. This action was based on six alleged items of noncompliance relating to an unmonitored, uncontrolled release of airborne radioactive material to the environment from the Brunswick facility.
2. Preliminary Notifications relating to the following actions were dispatched during the past week:
  - a. PNO-I-80-90 Peach Bottom Unit 2 - Possible Exposure in Excess of Regulatory Limits
  - b. PNO-II-80-102 Farley Unit 2 - Wildcat Walkout by Construction Workers
  - c. PNO-II-80-103 Robinson Unit 2 - Low-Level Fixed Contamination in Fossil Unit
  - d. PNO-II-80-104 & -104A St. Lucie Unit 1 - Reactor Trip and Cooldown on Natural Circulation
  - e. PNO-II-80-105 Farley Unit 1 - Steam Generator Tube Leak
  - f. PNO-II-80-106 Phipps Bend Unit 1 - Fire on Barge Transporting Unit 1's Reactor Vessel and Shroud Head
  - g. PNO-III-80-111 & -111A Point Beach Units 1 & 2 - Breaker Lineup Error on ESF Buses
  - h. PNO-IV-80-22 Wolf Creek Unit 1 - Personnel Action of Construction Craftsmen and a QC Inspector
  - i. PNO-V-80-48 San Onofre Unit 1 - Earthquake in Baja California on June 8, 1980
  - j. PNO-V-80-49 Nuclear Engineering Company, Richland, Washington Burial Site - Banning of Radiac Research Corporation, Brooklyn, New York (State Licensee) for Radioactive Waste Shipments
  - k. PNO-V-80-50 Nuclear Engineering Company, Richland, Washington, Burial Site - Banning of Metropolitan Edison, Three Mile Island #2, Middletown, Pennsylvania (NRC Licensee) for Radioactive Waste Shipments
  - l. PNO-TMI-80-34 Three Mile Island Unit 1 - Chlorine Release to the Atmosphere

3. The following IE Bulletin was issued:

- a. IE Bulletin 80-14, "Degradation of Scram Discharge Volume Capability," was issued on June 12, 1980 to all boiling water reactor facilities with an operating license.

4. The following IE Information Notices were issued:

- a. IE Information Notice 80-26, "Evaluation of Contractor QA Programs," was issued on June 10, 1980 to all power reactor facilities with an operating license or construction permit.
- b. IE Information Notice 80-27, "Degradation of Reactor Coolant Pump Studs," was issued on June 11, 1980 to all pressurized water reactor facilities with an operating license or construction permit.
- c. IE Information Notice 80-28, "Prompt Reporting of Information in Accordance with 10 CFR 50.55(e)," was issued on June 13, 1980 to all holders of and applicants for a construction permit for nuclear power reactors.

ITEMS OF INTEREST  
OFFICE OF INTERNATIONAL PROGRAMS  
WEEK ENDING JUNE 13, 1980

INTERNATIONAL COOPERATION

Protocol to Halden Research Agreement

On June 10 the EDO signed a protocol amending the Halden Reactor Project Agreement. The protocol provides the addition of the United Kingdom Central Electricity Generating Board as a new party to the agreement. No other provisions of the agreement were affected by this action.

Cooperation with Argentina

IP is preparing a Commission paper on a proposed NRC-Argentine National Atomic Energy Commission information exchange Arrangement. It will be forwarded early next week.

Emergency Preparedness Discussions with the Canadians

NRC's emergency planning and response discussions with the Canadians have now been confirmed for July 10 in Ottawa and July 11 in Toronto. The four staff members who will represent NRC are being informed, as is FEMA, which has just designated its members - Harold Collins and James Thomas.

US-Korean JSCNOET Preparatory Meeting

The preparatory meeting of the Fourth US-Republic of Korea Joint Standing Committee on Nuclear and other Energy Technology was held June 10-11 at the Department of State for the purpose of discussing cooperation in peaceful uses of nuclear and other energy technology. J. Lafleur and A. Gore represented NRC at the meeting and discussed areas for future cooperation in nuclear safety.

Recent Appointments at the IAEA

As noted in earlier State Department telegrams, IAEA Director General Eklund recently announced the following two senior appointments:

1. Dr. Carlos Velez Ocon of Mexico to replace Mr. Helio Bittencourt of Brazil as Deputy Director General, Department of Technical Assistance and Publications. Dr. Velez had served in a number of responsible positions with Mexico's national nuclear energy program from 1959 to the time of his IAEA appointment. Most recently he had been head of the Nuclear Engineering Department in the Comision Federal de Electricidad.
2. Mr. Syed Fareeduddin of India to replace Charles Millar of Canada as the Director of the Division of Nuclear Safety and Environmental Protection. Since 1953, Mr. Fareeduddin had held various positions at the Bhabha Atomic Research Center, including the position of Director at the time of his IAEA appointment.

Foreign Visitors to NRC

On Monday, Mr. Alec Higgins, Manager of Engineering Services and Operations of the Australian Atomic Energy Commission (AAEC) Research Establishment, met with (1) B. A. Boger of NRR/OLB to discuss research reactor operating procedures and the training and licensing of operators, (2) J. R. Miller of NRR to discuss research reactor QA and the use of reduced enriched fuels in research reactors, and (3)



## Foreign Visitors to NRC Cont'd

C. E. Mac Donald and W. H. Lake of NMSS/FCTC to discuss the packaging and container requirements for the transportation of radioactive materials.

On Tuesday, Mr. Jose Luis Sanchez, Administrator-General Manager of the Spanish utility Nuclenor, met with J. R. Shea, IP Director, and staff representatives of IP to discuss need for export of fuel for the Santa Maria de Garona reactor, which is operated by Nuclenor. On Thursday, Mr. Sanchez returned for a courtesy call with Commissioner Kennedy.

On Wednesday, Mr. Ernesto Villareal, Director-General of the Columbian Institute for Nuclear Affairs (the central Columbian government agency dealing with nuclear activities), met separately with Chairman Ahearne; Commissioners Kennedy and Hendrie, J. R. Shea, IP Director; and J. D. Lafleur, Jr., IP Deputy Director, for safety discussions on the front end of the fuel cycle (especially uranium mining, milling and fabrication), and to discuss areas of cooperation.

On Friday, Mr. Per Unckel, a Member of the Swedish Parliament (Moderate Party) and Member of the Board of the Swedish Nuclear Power Inspectorate, met with Chairman Ahearne; Commissioners Kennedy and Hendrie; and J. D. Lafleur, Jr., IP Deputy Director, to discuss nuclear safety issues.

On Friday, Mr. Chang-Tong Choi, Manager of the Nuclear Power Planning Department of the Korean Electric Company, met with R. A. Purple, Deputy Director of the Division of Licensing, NRR, to discuss post-TMI reactor licensing in the U. S.

On Friday, Mr. Pierre Tanguy, Director of the Institute for Nuclear Safety and Protection (IPSN) of the French Atomic Energy Commission (CEA), met with (1) C. H. Berlinger of NRR to discuss the analysis of LERs, (2) R. W. Houston of NRR to discuss class 9 accidents and licensing, (3) L. Soffer of NRR to discuss siting criteria, (4) W. D. Travers of NRR to discuss TMI-2 decontamination activities, (5) R. L. Tedesco of NRR to discuss the issuance of operating licenses and the implementation of TMI-lessons learned, and W. J. Dircks, Acting EDO, and J. D. Lafleur, Jr., IP Deputy Director, to discuss the reorganization of NRC.

## \* Foreign Reports

The following foreign reports were received at IP during the period of June 2 to June 13. The \*\* indicates the reports are in English. For further information contact Maxine Johnson (492-7788) IP.

### From Canada:

AECL-6691 - Design Requirements, Criteria and Methods for Seismic Qualification of CANDU Nuclear Power Plants\*\*

### From France:

DSN-350(e) - Interpretation of the Behavior of Aerosols Generated by a Sodium Pool Fire\*\*

Teaching and Training for Foreign Students Within the CEA Group (October 1979)\*\*

Operating Data for French Reactors (March 1980)

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\* Deleted from PDR copy.

\* Foreign Reports Cont'd

From Italy:

Italian Developments on Certification Scheme for NDT Personnel\*\*

Article No. 67 from Italian Regulatory Guide: Regulations and Measures  
Relating to the Limitation of Doses and Concentrations\*\*

A Thermoluminescent Device for Radiation Dosimetry of the Environment

Results of an Experimental Study of I-131 in the Po River Near the Caorso  
Nuclear Power Station

Reducing Absorbed Doses at LWRs\*\*

From Sweden:

Nuclear Energy Activity Report (1978/79)\*\*

Swedish Nuclear News (May 1980)\*\*

-- The Nuclear Referendum

-- Nuclear Power Safety

From Switzerland

Guideline R-14 - Conditioning, Packaging and Intermediate Storage of  
Radioactive Waste

From the U.K.

NRPB Radiological Protection Bulletin (May 1980)

NRPB Criteria Relating to the Approval of Consumer Goods Containing Radio-  
active Substances: A Consultative Document

NRPB Doses in Radiation Accidents Investigated by Chromosome Aberration  
Analysis (A Review of Cases Investigated in 1979)

UKAEA Summary of the Law Relating to Atomic Energy and Radioactive  
Substances (March 1980)

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\* Deleted from PDR copy.

OFFICE OF STATE PROGRAMS  
ITEMS OF INTEREST  
WEEK ENDING JUNE 13, 1980

State Agreements

SP made final allocation of all funds under the \$500,000 grant authority of the Uranium Mill Tailings Radiation Control Act of 1978 during the week of June 2. Grants have been made to California, Colorado, Nevada, New Mexico, Oregon, Texas and Washington.

The Kansas radiation control program for agreement materials will be reviewed during the week of June 16.

The second training course for regulatory personnel of Agreement States with uranium mills will be given June 16-27, 1980 in Bethesda.

Program Development

Dean Kunihiro, RSLO, Region V, attended a meeting on June 9 of the Region 9 RAC. At this meeting the RAC completed its review of the Oregon State emergency plan. The plan will now be revised and resubmitted; however, there do not appear to be any significant problem areas.

On June 10 Bob Trojanowski, RSLO, Region II met with the Region IV Regional Advisory Committee in a public meeting in Chattanooga to discuss the Tennessee emergency response plan and on June 11 he met with Tennessee State officials to discuss the State emergency plan.

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

WEEK ENDING JUNE 13, 1980

Annual Report

Five hundred advance copies sent to SECY and OCA for distribution to White House, Commissioners, Boards and appropriate Congressional Committees. Remaining copies to be distributed following week.

Differing Professional Opinions

Sent Commission-approved paper on policy and procedures to ADM for discussion with union.

Office of the Controller

Items of Interest

Week Ending June 13, 1980

FY 1980 Reprogramming

Congressional approval has now been received from all Committees. Financial plans and allotment changes are now being processed.

FY 1981 Budget

The House Appropriations Committee is scheduled to mark up Monday, June 16.



ITEMS APPROVED BY THE COMMISSION - RECEIVED WEEK ENDING JUNE 13, 1980

A. STAFF REQUIREMENTS - AFFIRMATION SESSION 80-27\*, 2:45 P.M., THURSDAY, JUNE 5, 1980, COMMISSIONERS' CONFERENCE ROOM, D. C. OFFICE (OPEN TO PUBLIC ATTENDANCE) (Memo Chilk to Dircks and Bickwit dated 6-9-80)

I. SECY-80-214 - Standards for the Content of Technical Specifications

1. The Commission, by a vote of 4-1<sup>1/</sup>, with Chairman Ahearne dissenting in part<sup>2/</sup>, approved publication of an Advanced Notice of Rulemaking which would invite public comments and recommendations regarding the adoption of changes to the Commission's regulations pertaining to technical specifications for nuclear power reactors, subject to the following modifications:
  - (a) question 10 on page 7 of the Advance Notice of Rulemaking should read:

"10. Should the new category of requirements be physically attached to the license, or included in a separate document, for example, the FSAR?" and
  - (b) the Advance Notice of Rulemaking should be clarified to indicate that changes in the process for improving or changing license conditions relating to environmental and antitrust matters are beyond the scope of the rulemaking.

(NRR) (SECY Suspense: 6/19/80)
2. The Commission also requested that:
  - (a) the appropriate Congressional Committees be informed of this action. (NRR/OCA) (SECY Suspense: 6/19/80)
  - (b) that during the public comment period the staff should:
    - (1) address the question of the enforceability of the new system of "requirements", as raised in Question 11 of the Advance Notice of Rulemaking, and
    - (2) determine the resource requirements that may be required by adjudicatory hearings on the "backfitting" of technical specifications.

(NRR) (SECY Suspense: Results to be provided to the Commission when the final Rule is submitted).

\*See footnotes on page 2.

A. (Cont'd)

II. SECY-80-231 - Cochran FOIA Appeals, 80-A-3, 80-A-4

1. The Commission, by a vote of 5-0<sup>3/</sup>, granted in part Freedom of Information Act appeals filed by Thomas B. Cochran, Natural Resources Defense Counsel, on February 12, 1980 for seven (7) documents relating to NRC's consideration of the licensing of the NFS-Erwin facility. By this action, the Commission agreed to release document B-6 in its entirety, to release in part documents B-1, B-3, and B-5, and to withhold documents B-4 and B-7. (OGC) (SECY Suspense: 6/9/80)
2. The Commission also approved a proposed letter to Mr. Cochran informing him of the Commission's decision and enclosing the documents, or portions of documents, being released.  
(OGC) (SECY Suspense: 6/9/80)

cc:  
Commissioners  
Commission Staff Offices

- 1/ Section 201 of the Energy Reorganization Act, 42 U.S.C. §5841 provides that action of the Commission shall be determined by a "majority vote of the members present." Commissioners Gilinsky and Bradford were not present at this Affirmation Session, but had previously voted by notation with the majority. Had Commissioners Gilinsky and Bradford been present at the meeting they would have affirmed their prior votes. Accordingly, the formal vote of the Commission was 2-1 in favor of the decision.
- 2/ Chairman Ahearne approved issuance of the Advance Notice of Rulemaking but did not agree with the two modifications in I(a) & (b) above.
- 3/ Section 201 of the Energy Reorganization Act, 42 U.S.C. §5841 provides that action of the Commission shall be determined by a "majority vote of the members present." Commissioner: ilinsky and Bradford were not present at this Affirmation Session, but had previously voted by notation with the majority. Had Commissioners Gilinsky and Bradford been present at the meeting they would have affirmed their prior vote. Accordingly, the formal vote of the Commission was 3-0 in favor of the decision.

B. STAFF REQUIREMENTS - DISCUSSION OF TMI VENTING (SEE SECY 80-132 and SECY 80-132E), 10:15 A.M., THURSDAY, JUNE 6, 1980, COMMISSIONERS' CONFERENCE ROOM, D. C. OFFICE (OPEN TO PUBLIC ATTENDANCE) (Memo to Dircks and Bickwit fm Chilk dated 6-9-80)

The Commission discussed the staff's recommendations on their final environmental assessment for decontamination of the TMI-2 reactor building atmosphere, and requested that a draft Commission Opinion be prepared supporting the staff's recommendation that controlled purging be authorized at TMI-2. The Opinion should contain language to indicate whether NEPA requirements would best be satisfied by adopting a negative NEPA declaration or by using the staff's analysis in NUREG 0662 as the functional equivalent of an Environmental Impact statement.

Chairman Ahearne & Commissioner Kennedy also requested that the Opinion be prepared with alternate language on whether to eliminate or retain the requirement to stay within the quarterly averaged release rate limit of the TMI-2 technical specifications.

The requested drafts, which should reflect the views of individual Commissioners, should be prepared for Commission consideration at a further meeting on this subject scheduled for 10:00 a.m. Tuesday, June 10, 1980.

(OGC) (SECY Suspense: 6/9/80)

C. SECY 80-260 - ABNORMAL OCCURRENCE RECOMMENDATION - LOSS OF CONFINEMENT SYSTEM RESULTING IN PLUTONIUM DEPOSITION IN AN EMPLOYEE AT BABCOCK & WILCOX, APOLLO, PA. (COMMISSIONER ACTION ITEM) (Memo Chilk to Dircks dated 6-9-80)

This is to advise you that the Commission (with all Commissioners concurring) has approved the recommendation subject to modification as noted.

The FRN should be modified as follows:

Page 3, second paragraph, line 6, insert the word "it" between the words "however," and "is".

MPA was notified of this action by telephone on June 9, 1980.

D. SECY-80-224 - EEOC/DOL GUIDELINES FOR EMPLOYERS REGARDING LIMITS ON RULES THAT PREVENT PREGNANT WOMEN FROM DOING POTENTIALLY HAZARDOUS WORK (COMMISSIONER ACTION ITEM) (Memo Chilk to Dircks dated 6-10-80)

This is to advise you that the Commission (with four Commissioners concurring) has approved the dispatch of the proposed letter, subject to modification as attached. Commissioner Gilinsky did not participate in this action.

The staff is requested to send the letter, modified as attached.

Attachment: Not Included

ENCLOSURE M

E. SECY-80-229 ANNUAL REDETERMINATION OF AGREEMENT STATE ADEQUACY AND COMPATIBILITY FOR CALENDAR YEAR 1979 (COMMISSIONER ACTION ITEM) (Memo Chilc to Dircks dated 6-10-80)

This is to advise you that the Commission (with four Commissioners approving) has approved the Annual Redetermination report, subject to modifications noted below. Commissioner Gilinsky abstained from this action.

The letter of transmittal (Appendix D) should be modified as follows:

Insert the following at the end of third paragraph:

"Significant program deficiencies were found in the California and Florida programs. The staff was unable to make a finding of adequacy for those two States at the time of our initial regular reviews. Follow-up meetings were conducted in both California and Florida. As a result of these meetings and subsequent correspondence, the staff notified these States in early 1980 that we now consider their programs to be adequate and compatible. Additional details on the California and Florida reviews are provided in the enclosed report.

"During 1979 significant problems arose in three other Agreement States. In Arizona, American Atomics Corporation, a manufacturer of tritium activated luminous signs and devices, was cited for excessive releases of tritium to the environment. As a result of this incident, questions were raised concerning the ability of the Arizona Atomic Energy Commission to protect the public health and safety. In New Mexico, a tailings dam break occurred at the United Nuclear Corporation Church Rock mill. This incident raised questions concerning the adequacy of the State's mill licensing program. In North Carolina, a State licensee, Finley Watts, was found to be burying radioactive material in violation of his license. There was a great deal of public and media interest in these cases and questions were raised as to the adequacy of the States' actions in each case. Each of these cases was considered in the overall evaluation of the adequacy of the State's program. Details are provided in the enclosed report."

In appendix A, page 12, the discussion of the New Mexico agreement state program should be revised to indicate whether or not the licensing staff that made the recommendations for immediate action believe that the actions taken by the State of New Mexico were sufficient to protect the public health and safety.

The staff is requested to make the changes requested and provide a letter of transmittal for the Chairman's signature.

Separately from this report the staff is requested to:

1. continue the efforts to develop a more objective and explainable appraisal method for determining adequacy and compatibility. (The Commission notes the recent paper on this topic.)

ENCLOSURE M



E. (Cont'd)

2. explore the possibility of including people from other offices as part of an agreement state review team;
3. prepare a report that summarizes the State efforts to implement Section 274(0) evaluates those efforts against the "extent practicable" benchmark, and that recommends what if anything additional the Commission should do to ensure that States implement Section 274(0) during the interim before the 1981 deadline.

In connection with his abstention Commissioner Gilinsky commented:

"At the time the NRC made the 1978 adequacy determination, the Commission committed itself to upgrading the criteria; yet, I find for the most part the same criteria were used in this evaluation. I believe, as I have said before, we should develop and apply tougher criteria than we have in the past. Furthermore, I reiterate my suggestion that the agreement state program activities be separated from the state liaison function and placed in one of the principal line technical offices, either NMSS or IE. The health and safety evaluations have got to have more technical supervision than they now receive."

The Office of State Programs was notified of this action by telephone on June 10, 1980.

F. STAFF REQUIREMENTS - AFFIRMATION SESSION 80-24\*, 3:35 P.M., FRIDAY, MAY 23, 1980, COMMISSIONERS' CONFERENCE ROOM, D. C. OFFICE (OPEN TO PUBLIC ATTENDANCE) (Memo Chilk to Dircks, Bickwit and Hanrahan dated 6-10-80)

I. SECY-A-80-4A - Commission Review of ALAB-502 (In the Matter of Rochester Gas & Electric Corporation, Et Al.) (CONSENT CALENDAR ITEM)

The Commission, by a vote of 3-2<sup>1</sup>/ (Chairman Ahearne and Commissioner Bradford dissenting):

1. approved an Order affirming the Appeal Board's decision in ALAB-502. Attached to the Order were the separate views of Commissioner Gilinsky; the separate views of Commissioners Kennedy and Hendrie; and the dissenting views of Chairman Ahearne, with which Commissioner Bradford concurs. (OGC)

(The Secretary signed the Order on 5/29/80).

\* See footnotes on page 7.



F. (Cont'd)

II. UCS Petition Concerning Fire Protection and Environmental Qualifications

The Commission by a vote of 5-0<sup>2/</sup>:

1. approved a Memorandum & Order concerning the Petition for Emergency and Remedial Relief initially filed by the Union of Concerned Scientists on November 4, 1977. The "Separate Comments of Commissioners Hendrie and Kennedy on the Proposed New Regulation for Fire Protection Program for Nuclear Power Plants Operating Prior to January 1, 1979" were attached to the Memorandum & Order.

(The Secretary signed the Memorandum & Order on May 23, 1980.)

Within the text of the Memorandum & Order, the staff is requested to:

2. prepare and implement additional technical specifications for all operating plants which codify the documentation requirement of the "Guidelines for Evaluating Environmental Qualification of Class IE Electrical Equipment in Operating Reactors" (DOR Guidelines, paragraph 8.0); (NRR) (SECY Suspense: 7/15/80)
3. institute a rulemaking on environmental qualification of safety-grade electrical equipment; (SD) (SECY Suspense for Proposed Rule: 12/1/80)
4. devise a system for checking the environmental qualification of electrical equipment in place in reactors; (IE)(SECY Suspense: 7/17/80)
5. review the environmental qualification information in its possession to determine how much of that information may be released to licensees to aid them in making safety judgments. This review should be completed within 45 days and the results forwarded to the Commission;  
(NRR) (SECY Suspense: 7/7/80)
6. promptly pursue the possibility of the establishment, by the nuclear industry, of a Nuclear Qualified Equipment Clearinghouse, which would have as its objective the sharing by all parties of environmental qualification information; (NRR)
7. keep the Commission and the public apprised of any further findings of incomplete environmental qualification of safety-related electrical equipment, along with corrective actions taken or planned. Staff is requested to provide bimonthly reports of progress on its review of the responses to Bulletin 79-01B; (IE) (First Rpt due 8/1/80)
8. complete its review of environmental qualification, including the publication of Safety Evaluation Reports by February 1, 1981;  
(NRR) (SECY Suspense: 2/1/81)

ENCLOSURE M

F. (Cont'd)

9. test first, in its fire protection testing program, those configurations ; which are of greatest concern to the staff. A definite schedule should be established as soon as possible which provides that testing commence without delay. (RES) (SECY Suspense: 7/1/80)

Any slippages in this schedule must be approved by the Commission, and bimonthly progress reports should be made on this program.

(RES) (First Rpt due 8/1/80)

10. insure that all connectors tested be those that are not specifically manufactured for test purposes. This might be accomplished by testing spares at existing plants; (IE) (SECY Suspense: 8/1/80)
11. complete its review of the status of fire protection at SEP plants by August 1980. (NRR) (SECY Suspense: 8/1/80)

III. SECY-80-202 - Role of the Staff in the Waste Confidence Proceeding  
(COMMISSIONER ACTION ITEM)

The Commission, by a vote of 5-0<sup>2/</sup>:

1. approved a Memorandum & Order informing participants of the establishment of a working group to provide staff support to the Commission in the Waste Confidence proceeding, and responding to the motions filed by NRDC and the California Energy Commission. (OGC)

(The Secretary signed the Memorandum & Order on 5/28/80).

The Commission requested:

2. that the working group review the associated petitions, particularly that of NRDC, concerning questions and possible experts. (OPE/OGC/E. )

1/ Section 201 of the Energy Reorganization Act, 42 U.S.C. 5841 provides that action of the Commission shall be determined by a "majority vote of the members present." Commissioner Hendrie was not present at the meeting at which this Order was approved. Had he been present at the meeting he would have voted with the majority. To enable the Commission to proceed with this case without delay, Chairman Ahearne, who was a member of the minority on the question up for decision, did not participate in the formal vote. Accordingly, the formal vote of the Commission was 2-1 in favor of the Order.

2/ Section 201 of the Energy Reorganization Act, 42 U.S.C. 5841 provides that action of the Commission shall be determined by a "majority vote of the members present." Commissioner Hendrie was not present at the meeting at which this Order was approved. Had he been present at the meeting, he would have voted with the majority. Accordingly, the formal vote of the Commission was 4-0 in favor of the Order.

G. SECY 80-246 - PROPOSED SUBSEQUENT ARRANGEMENT FOR ONE-YEAR EXTENSION OF THE TOKAI-MURA AGREEMENT (COMMISSIONER ACTION ITEM) (Memo Chilk to Dircks dated 6-11-80)

This is to advise you that the Commission (with three Commissioners concurring) has approved the proposed letter to the Department of Energy, as revised by Commissioner Bradford's comments given below. Commissioners Gilinsky and Bradford did not approve the letter as proposed.

In his non-concurrence Commissioner Gilinsky commented:

"A second extension of the Tokai-Mura agreement would continue the drift towards a policy of permitting foreign reprocessing of U.S.-origin fuel; a drift I would prefer to see reversed. In any event, this extension should not be approved before the United States has obtained unambiguous assurances that any transfer of the separated plutonium will be subject to its prior approval."

In his non-concurrence Commissioner Bradford requested that the following statement be inserted in the letter to Mr. Bengelsdorf:

"Commissioner Bradford advises against entering into a subsequent arrangement extending the Tokai-Mura reprocessing agreement for the reasons set forth in his comments in the August 27, 1979 letter from James R. Shea to Harold D. Bengelsdorf (attached). While he believes significant and commendable progress has been made, the U.S.G. still does not have unambiguous assurances concerning the retransfer of separated plutonium which would be used in Japan's fast breeder and advanced reactor research and development program. He notes that the assurances on this material are virtually identical to the assurances furnished by Euratom which were the subject of a classified NRC letter to the State Department, dated October 16, 1979 (attached). The Commission's views in that letter should apply equally to this situation."

The staff is requested to modify the letter as requested by Commissioner Bradford and dispatch it. It is suggested that a readable copy of the 8/27/79 letter be provided to Mr. Bengelsdorf as well as a copy of the 10/16/79 letter cited in Commissioner Bradford's comments.

The Office of International Programs was informed of this action by telephone on June 10, 1980.

Attachment: (Not included)  
Ltr dated 8/27/79, Shea to Bengelsdorf

H. SECY 80-255 - CONTRACT NO. NRC-10-78-580, NRC DOCUMENT CONTROL SYSTEM (COMMISSIONER ACTION ITEM) (Memo Chilk to Dircks dated 6-11-80)

This is to advise you that the Commission (with four Commissioners approving) has granted approval for the Contracting Officer to enter into a contract modification for the exercise of the Year 3 option, subject to the following conditions:

1. The EDO should examine the scope of the work to ensure that all tasks are essential (all unnecessary tasks should be eliminated) and to ensure that all possible cost saving modifications are achieved.
2. The EDO should either propose a long-term plan for transferring the work to NRC or explain why it is necessary and legal to retain a contractor to perform the work.

Commissioner Gilinsky agrees with the majority that the EDO should review this contract effort along the lines mentioned above. However, he disapproved the staff's recommendation and provided the following comments:

"As far as I can tell, this system is not being used. Before I approve any further expenditures, I would like to see proof that the system is being used in a way which justifies its expense. In addition, I would like the EDO to study the system and make recommendations to the Commission regarding the least expensive document control system which will satisfy NRC's needs. The EDO's report should indicate what types of system can be obtained, their benefits and drawbacks, and their cost. In this connection, it would be useful to know what types of document control systems are employed by other Federal agencies, such as NASA, NSA, CIA, and their cost. Finally, I think we should determine how NRC will assume control of the document control system at the expiration of this contract."

It is requested that the EDO:

1. Monitor the negotiation of this contract based on the Commission guidance outlined above.
2. Provide a response to Commissioner Gilinsky's comment concerning use of the system and request for an EDO study by c.o.b. June 30, 1980.

The Office of the Executive Director for Operations was informed of this action by telephone on June 10, 1980.



I. STAFF REQUIREMENTS - CONTINUATION OF DISCUSSION OF TMI VENTING (SEE JUNE 9, 1980 OGC MEMORANDUM AND SECY 80-132D & E), 10:05 A.M., TUESDAY, JUNE 10, 1980, COMMISSIONERS' CONFERENCE ROOM, D. C. OFFICE (OPEN TO PUBLIC ATTENDANCE) (Memo Chilk to Bickwit dated 6-11-80)

The Commission unanimously agreed that the TMI licensee should be authorized to commence promptly a controlled purging of the TMI-2 reactor building containment, and that the TMI-2 license should be modified to permit an increase in the allowable gaseous release rate during the purging process so that purging can be completed in the shortest practicable time. The Commission requested that the two Orders implementing these actions, as contained in the General Counsel's June 9, 1980 memorandum, be revised to reflect individual Commissioner comments. In addition, the second Order (modifying the TMI-2 license) should be revised by inserting the sentence "In addition, any purging shall be in accordance with procedures approved by the Director of NRR as required by the Order of [Date of Order authorizing purging to be inserted]" in lieu of the last sentence of page 3 of the text. The two Orders, as revised, will be affirmed on Thursday, June 12, 1980. (OGC/SECY) (Subsequently, the two Orders were further revised and affirmed on June 12, 1980).

J. SECY 80-251 - PROPOSED U. S.-PERU AGREEMENT FOR COOPERATION (COMMISSIONER ACTION ITEM) (Memo Chilk to Dircks dated 6-13-80)

This is to advise you that the Commission (with all Commissioner concurring) has approved the proposed U.S.-Peru Agreement, including the "Agreed Minute" and the proposed letter to the President, subject to modification as attached.

The modified letter was typed in final in the Secretariat and forwarded to the Chairman for signature.

The Office of International Programs was notified of this action by telephone on June 12, 1980.

Attachment: (Not included)  
Modified Letter

K. SECY 80-250 - SEMI-ANNUAL REPORT TO CONGRESS ON ALTERNATIVE REACTORS AND FUEL CYCLES (COMMISSIONER ACTION ITEM) (Memo Chilk to Dircks dated 6-13-80)

This is to advise you that the Commission (with four Commissioners concurring) has approved sending the proposed letter as modified (see attached). While Commissioner Bradford approved sending the report he would have preferred to delete from the letter of transmittal the recommendation that the NRC be relieved of this responsibility.

The staff is requested to prepare the letter of transmittal for the Chairman's signature, with the report to be transmitted.

Attachment: (Not included)  
Modified letter



L. SECY 80-204 - DOE LEGISLATION PROPOSALS REGARDING NUCLEAR WASTE MANAGEMENT  
(COMMISSIONER ACTION ITEM) (Memo Chilk to Bickwit dated 6-12-80)

This is to advise you that the Commisison (with all Commissioners concurring) has approved a modified letter to Mr. Bateman, as attached.

The letter has been prepared by the Secretariat and forwarded to the Chairman for signature.

Attachment: (Not included)  
Modified letter w/o attachments

M. SECY 80-205 - DRAFT LEGISLATION TO IMPLEMENT THE PRESIDENT'S PROPOSED EXTENSIONS  
OF NRC LICENSING AUTHORITY OVER CERTAIN DOE WASTE FACILITIES (COMMISSIONER ACTION  
ITEM) (Memo Chilk to Bickwit dated 6-12-80)

This is to advise you that the Commission (with all Commissioners concurring) has approved a modified letter to Mr. Frey, as attached.

The letter has been prepared by the Secretariat and forwarded to the Chairman for signature.

Attachment: (Not included)  
Modified letter w/o attachments