

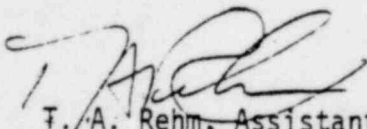
November 23, 1979

For: The Commissioners
From: T. A. Rehm, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING NOVEMBER 16, 1979

A summary of key events is included as a convenience to those Commissioners who may prefer a condensed version of this report.

<u>Contents</u>	<u>Enclosure</u>
Administration	A
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Contact:
T. A. Rehm, 49-27781


T. A. Rehm, Assistant for Operations
Office of the EDO

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

1595 311

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051
~~050~~

SUMMARY OF KEY EVENTS
WEEK ENDING NOVEMBER 16, 1979

Station Blackout - Early Assessment of Plant Inadequacies

Preliminary results of a probabilistic assessment of station blackout indicated a potential problem with Zion 1 and 2, D. C. Cook 2, and Crystal River 3. Upon examination of the data used in the analyses, it was discovered that some information was possibly in error which would significantly affect the results. By November 7, 1979 utilities had provided accurate data to support a determination that these plants do not possess serious inadequacies in diesel generator reliability, loss of offsite power, and auxiliary feedwater dependency on AC power.

Duane Arnold

Duane Arnold was shut down by a reactor trip due to high steam line radiation on the evening of November 8, 1979. The cause of the high steam line radiation is still under investigation.

Brunswick Unit 1

Brunswick Unit 1 workers inside the drywell noticed water dripping near a Recirculation Pump. They found a thru-wall crack in a weld at an elbow on 2 3/4" test connection line connected to the 28" Recirc Pump Suction line. The test line in both loops has been cut and capped. A similar event occurred on Unit 2 in 1977.

New Haven

On October 29, 1979, New York State Electric and Gas Corporation and Long Island Lighting Company filed a Motion with the ASLB requesting an indefinite delay in the proceedings before the ASLB due to dismissal by the State Siting Board of the New Haven State Article VII proceedings.

NFS West Valley

The DOE FY Appropriations Bill has directed DOE to undertake those preparations and investigations necessary to determine a process for solidifying the liquid high level wastes at the NFS West Valley site. The additional \$5 million provided by the proposed Lunding Amendment to the DOE Authorization Bill is still pending. However, using existing FY 80 funds, DOE has initiated work on the West Valley problem. DOE expressed interest in the NRC contract with Rockwell (Hanford) to examine the waste tanks; specifically the planned characterization of the wastes and is considering funding this task in view of the shortfall in FC funding for FY 80 rather than permitting a delay in the start of this work until FY 81.

1595 312

OFFICE OF ADMINISTRATION

Week Ending November 16, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Received	523	32
Granted	367	11
Denied	82	15
Pending	74	6

ACTIONS THIS WEEK

Received

John Woliver,
Legal Aid Society of
Clarmont County
(79-483)

Requests a copy of the 1969 Sargent & Lundy Engineers report to the Cincinnati Gas & Electric Company entitled, "An Economic Evaluation of Alternatives."

(An NRC employee)
(79-484)

Requests all information regarding ratings and information relied upon to make those ratings for all candidates for Vacancy Announcement 79-40, Region I.

Edward C. Cavazos,
Lincoln National Life
(79-485)

Requests an index of all NRC employees.

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

Requests, on behalf of her client, all records and files in the NRC on [a named person].

David M. Basker,
Attorney-At-Law
(79-487)

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

Frederick J. Boncher,
Attorney-At-Law
(79-488)

Requests four categories of information relating to four listed nuclear power plants and information on nuclear waste sites.

Richard Meyer,
The National Institute
(79-489)

Requests all documents relating to the export of sensitive technology and materials that could be used to fashion nuclear weapons.

CONTACT: J. M. Felton
492-7211

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Received, Cont'd

John W. Sullivan
(79-490)

Requests a copy of Part 2 of NRC Investigation Report 078-154-A.

Bob Romic
(79-491)

Requests information on violations, accidents involving transportation, missing radioactive material and radioactive releases into the environment at the Quad-Cities nuclear generating station.

Laura Wiencus
Bentley College
(79-492)

Requests information on the structure of the NRC and records pertaining to recent issues and decisions concerning Three Mile Island.

Granted

Donald L. Schurman,
Applied Science Associates, Inc.
(79-430)

Made available a copy of the non-proprietary version of Contract Solicitation NRC RFP No. RS-OSD-79-002, "Standards for Psychological Assessment of Security Personnel," and RFP No. RS-OSD-79-003, "Behavioral Observation Program to Assure Continued Reliability of Employees."

John W. Egan,
A. T. Kearney, Inc.
(79-433)

Made available a copy of the non-proprietary version of Contract Solicitation NRC RFP No. RS-OSD-79-003.

John W. Egan,
A. T. Kearney, Inc.
(79-434)

Made available a copy of the non-proprietary version of Contract Solicitation NRC RFP No. RS-OSD-79-002.

Clyde J. Lindley,
Center for Psychological
Service
(79-439)

Made available a copy of the non-proprietary version of Contract Solicitation NRC RFP No. RS-OSD-79-002.

Martin A. Welt,
Radiation Technology, Inc.
(79-457)

In response to a request for information regarding decisions rendered by the Atomic Safety and Licensing Board, which reversed a NRC staff finding, made available three documents and informed the requester the Board decisions are available at the PDR.

Charles L. Gysi
(79-466)

In response to a request for radio communications information regarding the Three Mile Island accident during March-April, 1979, informed the requester the NRC did not use its own radio equipment during the TMI accident, rather it used equipment supplied by the Department of Agriculture and the Department of Energy

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ENCLOSURE A

Granted, Cont'd

Julie A. Matthews
Bentley College
(79-473)

In response to a request for information pertaining to the NRC, made available two documents.

Roger A. Keller,
Mallinckrodt, Inc.
(79-474)

Informed the requester he may purchase a copy of NUREG-0302, "Remarks Presented at Public Regional Meetings to Discuss Regulations (10 CFR Part 21) for Reporting of Defects and Noncompliance" through the NTIS.

Roberto Armijo
(79-475)

In response to a request for information pertaining to the NRC program of providing a mechanism for the expression of differing professional opinions, made available seven documents and informed the requester other records pertaining to her request are available at the PDR.

Richard A. Kester
(79-476)

Made available a copy of the NRC's Administration of the FOIA for 1977 and 1978 and informed the requester the NRC has not yet made comments or suggestions concerning administrative or legislative changes in the FOIA in response to Attorney General Bell's memorandum of December 11, 1978.

Myron E. Hatcher,
Health Systems Consultants
(79-482)

Made available a copy of the non-proprietary version of Contract Solicitation NRC RFP No. RS-OSD-79-003.

Denied

None

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DIVISION OF CONTRACTS

Week Ending November 16, 1979

PENDING COMPETITIVE REQUIREMENTS

1. RFP RS-NMS-80-021

Title - Technical Assistance/Transportation Certification

Description - The NRC requires technical assistance and testing services in the area of transportation certification. The purposes are to provide a means to conduct full-scale or model testing of packages or package systems, components, and materials, to perform technical assistance tasks in the areas of structural mechanics and dynamics, stress analysis, pressure vessel technology, impact analysis, material science, and heat transfer as well as to perform technical assistance tasks related to the transportation of radioactive material, including engineering analysis of package integrity, compilation and evaluation of accident data and statistics, and special short-term technical studies.

Period of Performance - Two years

Sponsor - Office of Nuclear Material Safety and Safeguards

Status - Solicitation being developed

2. RFP RS-NRR-80-111

Title - Characterization of Nuclear Power Plant Protective Coating Systems
Under Design Basis Accident Conditions

Description - The purpose of the project is to characterize generically the nuclear power generation plant protective coating systems that have been or are being developed for use and to develop those criteria for the NRC licensing review process that will constitute the controls necessary to provide assurance of the health and safety of the public.

Period of Performance - Two years

Sponsor - Office of Nuclear Reactor Regulation

Status - Solicitation being developed

3. RFP RS-NRR-80-117

Title - Study of Requirements for Operator Licensing

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

Period of Performance - Five and one-half months

Sponsor - Office of Nuclear Reactor Regulation

Status - Solicitation is being developed

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ENCLOSURE A

4. RFP RS-NMS-80-027

Title - Environmental Assessment of Surface and Groundwater Impacts from Uranium Recovery Operations

Description - The Commission, in its review of license applications, renewals, and modifications requires the technical assistance of a contractor to assist in the development of environmental appraisals and impact statements. The effort requires a review of applicants' submittals and the preparation of an environmental assessment. The assessment, along with other data, will be furnished in a technical evaluation report. The contractor shall additionally be prepared to respond to public comment on these assessments and to possibly collect actual field data on some sites.

Period of Performance - Two years

Sponsor - Office of Nuclear Material Safety and Safeguards

Status - A meeting of the Source Evaluation Panel was held on November 13, 1979 to finalize the draft solicitation

RFP'S ISSUED

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 - Solicitation issued November 14, 1979. Proposals due December 18, 1979.

PROPOSALS UNDER EVALUATION

RFP RS-NMS-80-033

Title - Licensing Assistance/Geotechnical and Hydrological Evaluations
Description - The contractor shall perform geotechnical and hydrological evaluations of applicant submittals which pertain to the embankment design of existing or proposed uranium milling projects.

Period of Performance - One year

Sponsor - Office of Nuclear Material Safety and Safeguards

Status - Final selection made November 14, 1979.

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ENCLOSURE A

CONTRACT AWARDS

NRC-07-79-312

Title - Statistical Review and Methodology Development

Description - To provide, on a task order basis, critical statistical reviews of documents in order to identify areas with significant statistical implications which may benefit from further exploration, and to develop and apply methodologies to risk assessment activities.

Period of Performance - One year

Sponsor - Office of Management and Program Analysis

Status - A time and materials contract was fully executed on September 27, 1979 with the Small Business Administration and Automated Sciences Group, Inc., an eligible 8(a) minority concern, in the amount of \$99,847.

CONTRACTS CLOSED OUT

(All administrative action completed and final payment made)

<u>Contract No.</u>	<u>Contractor</u>	<u>Close-Out Date</u>
NRC-10-77-048	Walter F. Meyer Associates	11/15/79
NRC-10-77-067	Dr. Herbert Block	11/15/79
NRC-10-77-191	Photomatrix Corporation	11/15/79
NRC-06-76-327 (AT(49-24)-0327)	National Governors' Association	11/15/79
NRC-10-78-594	SBA/Information Planning Associates, Inc.	11/15/79
NRC-10-78-603	SBA/Social Research Applications Corporation	11/15/79

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DIVISION OF SECURITY

WEEK ENDING NOVEMBER 16, 1979

1. R. Brady, Director of Security, met with Arthur Van Cook, DOD Information Security Director, and Irving Boker, General Accounting Office, on Friday, November 16, 1979, to discuss and coordinate their proposed presentation at the Information Security Oversight Office Symposium scheduled for November 28, 1979.
2. The Information Security Oversight Office is hosting a symposium entitled "Executive Order 12065 - A Year Later" to expand upon and clarify facets of the Order which have been identified as problem areas. The symposium will be from 8:30 a.m. to 4:00 p.m. on November 28, 1979 at the auditorium of the Main Interior Building located on C Street, NW between 18th and 19th Streets. The symposium is open to all NRC professional staff whose responsibilities involve or are impacted by E.O. 12065. Any interested personnel should contact Duane Kidd on x74415 for details.
3. Proposed 10 CFR Parts 25 (Access Authorization for Licensee Personnel) and Part 95 (Security Facility Approval and Safeguarding of National Security Information and Restricted Data) were published for comment in July 1979. On November 13, 1979 a Commission paper containing NRC's responses to comments on these Parts and recommending their publication as effective rules was distributed for selected NRC staff concurrence.
4. The Division of Security has initiated a classification appraisal program of NRC Headquarters offices. The program involves discussions with authorized classifiers and the examination of documents to assure compliance with the marking requirements outlined in E.O. 12065. In addition, document content (classified and unclassified) will be reviewed to determine whether they are properly classified or unclassified. This program was initiated on October 22, 1979.

1595 19

ENCLOSURE A

OFFICE OF NUCLEAR REACTOR REGULATION

WEEKLY ITEMS OF INTEREST
(Week Ending November 16, 1979)

Station Blackout - Early Assessment of Plant Inadequacies

On October 25, 1979 a meeting was held with the utilities for Zion 1 and 2, D. C. Cook 2, and Crystal River 3 to discuss preliminary results of a probabilistic assessment of station blackout. The preliminary results indicated a potential problem with these facilities. Upon examination of the data used in the analyses, it was discovered that some information was possibly in error which would significantly affect the results. The licensees were requested to provide the accurate data to support a determination that these plants do not possess serious inadequacies in diesel generator reliability, loss of offsite power, and auxiliary feedwater dependency on AC power. By November 7, 1979, all utilities had responded.

The probabilistic assessment analyses will be re-run using the utility data to confirm the anticipated improvements. The development of the Task Action Plan, A44, on Station Blackout will continue following the successful reanalysis.

Farley Unit #1

On November 8, 1979 flow variation was observed from the leakoff of No. 2 seal on "B" reactor cooling pump. The unit was operating at 48% power. The unit is being brought to cold shutdown so that the faulty seal may be replaced. The licensee, Alabama Power Company, expects the unit will be down for two weeks.

San Onofre 1

The licensee informed us on November 7, 1979, that some of the power cables to the RHR pumps which were replaced during the October 1976 - April 1, 1977 shutdown include splices which may not be environmentally qualified. This was established after checking Unit 1 records, following discovery that similar GE cabling with splices (that may not have been environmentally qualified) have been used at Units 2 and 3. The licensee has discussed this matter with GE in an effort to get from GE documentation to verify that the random cable samples that were environmentally qualified did include splices. The licensee stated that their preliminary evaluation indicated that the cable splices can withstand the environmental conditions during the design basis event (steam line break) and that if the necessary documentation cannot be found by GE, tests of cable splices will be performed at the Franklin Institute and are expected to confirm the licensee's conclusions. The licensee also stated that they have discussed this matter with IE, Region V, informing them that they do not consider this matter a reportable item under the Unit 1 Technical Specification requirements nor under 10 CFR Part 21. However, they will send a report on this matter to NRR shortly for updating our SEP Topic review of environmental qualification of equipment.

1595 320

ENCLOSURE B

San Onofre 1 (con't)

On November 7, 1979, at about 2:30 p.m. Pacific Time the #1 480V switchgear in the 4KV switchgear room caused the smoke detectors to set off an alarm in the control room. Prompt on-the-scene assessment indicated that there was flashing at the switchgear with evolution of smoke but no fire. The reactor was placed in hot standby pending further evaluation. The evaluation indicated phase to ground faulting at the switchgear and that the 480V bus had to be deenergized for repair for a period longer than 8 hours allowed by the Technical Specifications. Therefore, the reactor was placed in a cold shutdown condition. The licensee estimates that the reactor will remain shutdown through the weekend to complete the repair.

Duane Arnold

Duane Arnold was shut down by a reactor trip due to high steam line radiation on the evening of November 8, 1979. The cause of the high steam line radiation is still under investigation. Available information is that the on-line recorder detected a spike to approximately 70% of the trip setpoint for the two channels of steam line radiation being monitored. Prior to the reactor trip, the condensate demineralizer had been backwashed. However, a reactor coolant sample taken after the trip showed normal conductivity, indicating that demineralizer resin was not associated with the high radiation trip. A subsequent coolant sample showed no increase in coolant activity level. The licensee's investigation is continuing. IE does not plan to issue a PN.

Brunswick Unit 1

Brunswick Unit 1 workers inside the drywell noticed water dripping near a Recirculation Pump. They found a thru-wall crack in a weld at an elbow on 2 3/4" test connection line connected to the 28" Recirc Pump Suction line. The test line in both loops has been cut and capped. Sections of the cracked line were saved for subsequent analysis. A similar event occurred on Unit 2 in 1977. This event was reported by PN II-79-30 on 11/13/79.

Emergency Preparedness

An internal meeting was held on November 9, 1979 among all NRR, SP and IE participants in the ongoing reactor emergency preparedness team review effort. The purpose of the meeting was to discuss the efforts to date including problems in inconsistencies between teams, State/local interactions with the teams, and the roles of the various team members. The Steering Group on Emergency Preparedness will be issuing written guidance to the teams in several areas to clarify these and other areas.

1595 321

New Haven

On October 29, 1979, New York State Electric and Gas Corporation and Long Island Lighting Company filed a Motion with the ASLB. This motion requests an indefinite delay in the proceedings before the ASLB due to dismissal by the State Siting Board of the New Haven State Article VIII proceedings. Applicant is planning on asking for a rehearing before the Siting Board on its ruling of dismissal. This is a prerequisite to formal appeal of the order of dismissal. We have been advised in conversations with the applicant that clarifying letters are to be sent to all participants in the case. Currently, all work on the environmental review of this case is halted. It is anticipated that the earliest date to reactivate the environmental review will be June 1980.

Poster on TMI - USGS

The Terrestrial Resources Section of ESB has received a 4' x 5' display on TMI from J. Wray, USGS's Geography Program. This display depicts the land use and land cover and associated maps for 20 miles + of TMI. This display may be viewed in Room P-230 or contact Gerry LaRoche at 28289 for additional information.

Meeting with Atomic Energy Commission of Israel

A meeting with a representative of the Atomic Energy Commission of Israel was held on November 9, 1979 to discuss hydrology and meteorology matters including (1) alternate cooling systems, especially those suited for ultimate heat sink applications, for underground nuclear power plants; (2) conventional siting and the potential for adverse effects of nuclear power plant operation on the widespread and extensively utilized ground water resources of Israel; (3) the siting information necessary to evaluate the adverse effects on the groundwater resource.

1595 322

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING NOVEMBER 16, 1979

1. NRC Regulation for Medical Uses of Radioisotopes: On November 8, 1979, Edward Podolak, SD, and Dr. William Walker, NMSS, addressed FDA's Radiopharmaceutical Drugs Advisory Committee on "NRC Regulation of the Medical Uses of Radioisotopes." Mr. Podolak described NRC's Medical Policy Statement and several new regulations including the teletherapy calibration rule, patient radiation survey rule and the proposed misadministration reporting rule. Dr. Walker traced the history of AEC-NRC licensing of the medical uses of radioisotopes and the application of current NRC policy to that licensing. It was clear from the questions raised by members of FDA's advisory committee that they understand, but are not pleased with, NRC's policy of regulating areas such as nuclear pharmacy and the physician's use of radioactive drugs where FDA does not regulate. (See also p. 2, Encl. D)

[Contact: E. Podolak - 443-5860]
2. On November 8, 1979, D. R. Hopkins participated in a panel discussion on the safe transportation of nuclear materials at the National Conference of State Legislatures in Austin, Texas. Also participating were representatives of Texas State Health Department, DOT, nuclear industry, Sandia Labs, and a state senator from Washington. Discussions included routing restrictions, effects of bans, federal preemption, state surveillance program, regulations, and emergency response.
3. Rick Hutcheson from the White House requested Mr. Costle, EPA to review the EPA proposed Federal Agency guidance for transuranics in soil with other involved agencies at the policy level. This request was based on OMB advising Hutcheson that not all affected Federal agencies concur with the guidelines. NRC agency formal concurrence with comments has been provided to EPA.

Publications to be Issued in the Near Future

Title: Instrumentation for Light-Water-Cooled Nuclear Power Plants to Assess Plant and Environs Conditions During and Following an Accident
(Reg. Guide 1.97, Rev. 2)

Expected Issuance Date: December 1979

1595 323

Description: The guide describes a method acceptable to the NRC staff for complying with the Commission's regulations to provide instrumentation to monitor plant variables and systems during and following an accident so that the plant operator can be adequately informed in order that mitigating actions can be taken when necessary.

Contact: A. Hintze
443-5913

ENCLOSURE C

Title: Measurement of Radiation Levels on Surfaces of Packages of Radioactive Material

Expected Issuance Date: December 1979

Description: The draft guide describes a method for measuring radiation levels on surfaces of packages as required by 10 CFR 20.205, "Procedures for Pickup, Receiving and Opening Packages".

Contact: A. Tse
443-5946

Title: Nuclear Criticality Safety for Pipe Intersections Containing Aqueous Solutions of Enriched Uranyl Nitrate

Expected Issuance Date: February 1980

Description: This regulatory guide provides guidance for complying with the Commission's regulations by describing procedures acceptable to the NRC staff for the prevention of criticality accidents in the storage and processing of aqueous solutions of enriched uranyl nitrate in pipe intersections.

Contact: M. S. Weinstein
443-5910

Title: Guide for the Preparation of Applications for Licenses for the Use of Gamma Irradiators

Expected Issuance Date: March 1980

Description: This guide describes the type of information that is needed to evaluate an application for a license to use sealed radioactive sources for the gamma irradiation of materials.

Contact: J. L. Caplin
443-5970

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OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending November 16, 1979

Briefing on DOE-Sponsored Evaluation of NMMSS

A briefing was presented on November 14, 1979, to interested NRC personnel on the results of a recently completed study by the Pacific Sierra Corporation assessing the utility to DOE of the Nuclear Materials Management and Safeguards System (NMMSS) and recommending steps to either improve or replace it. It was concluded that a single data base for national policy-level questions is desirable and that the DOE Office of Safeguards and Security should coordinate its future needs with NRC.

DOE/NRC Agreement on NMMSS Operation

The Programmatic Agreement was reached between the NRC and DOE staffs on the joint operation of the Nuclear Materials Management and Safeguards System (NMMSS) at Oak Ridge. The Agreement provides for direct communication between the NRC and the NMMSS contractor and for direct NRC access to all licensee data. The Agreement also provides for the establishment of a DOE/NRC User Group for overall NMMSS program control and direction.

Meeting Re: Kerr-McGee West Chicago Site

A meeting was held on November 13, 1979, with representatives of Kerr-McGee Chemical Corporation to discuss questions raised by the staff, USEPA, Illinois State offices and City of West Chicago on the proposed stabilization plan for the West Chicago site. Kerr-McGee will revise the stabilization plan in response to the comments. A full environmental impact statement will be prepared by the staff (with ~~the~~ input) prior to adoption of any stabilization alternative. A representative of the City of West Chicago attended the meeting as an observer.

NFS West Valley

The DOE FY Appropriations Bill has directed DOE to undertake those preparations and investigations necessary to determine a process for solidifying the liquid high level wastes at the NFS West Valley site. The additional \$5 million provided by the proposed Lundine Amendment to the DOE Authorization Bill is still pending. However, using existing FY 80 funds, DOE has initiated work on the West Valley problem. In a discussion with FC staff members, DOE expressed interest in the NRC contract with Rockwell (Hanford) to examine the waste tanks. Specifically, DOE is interested in the planned characterization of the wastes (supernate and sludge). DOE is considering funding this task in view of the shortfall in FC funding for FY 80 rather than permitting a delay in the start of this work until FY 81.

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ENCLOSURE D

Meeting with FDA's Radiopharmaceutical Drugs Advisory Committee

On November 8, 1979, Mr. Vandy Miller and Dr. William Walker attended the FDA's Radiopharmaceutical Drugs Advisory Committee meeting at Rockville, Maryland. Dr. Walker addressed the Committee. His topic was NRC Regulation for Medical Uses of Radioisotopes. This is a subject of much current mutual interest on the part of FDA and NRC. Since 1975, FDA has assumed the responsibility for safety and efficacy of most radiopharmaceuticals. However, there are still areas historically regulated by NRC not covered by current FDA controls. These are primarily (1) use by physicians of some radiopharmaceuticals not specifically approved by FDA, and (2) regulation of radiopharmacies. (See also Para 1, Encl.

Meeting with Representatives of Veterans Administration (VA) Hospitals on the Model ALARA Program for Medical Licensees

At the request of the Chief of the Nuclear Medicine Service, VA Central Office, Material Licensing Branch personnel met with representatives of VA Hospitals in West Haven, Connecticut, Hines, Illinois, St. Louis, Missouri and Omaha, Nebraska. VA personnel had questions about the model ALARA program recently sent to medical licensees. After their questions were answered, the VA personnel indicated that they may develop and submit for NRC review an alternate model program.

1595 326

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending November 16, 1979

1. Preliminary Notifications relating to the following actions were dispatched during the past week:
 - a. PNO-I-79-18 Calvert Cliffs Unit 1 - Reduced Power Operation
 - b. PNO-I-79-19 Parker Industrial X-Ray Laboratory, East Hartford, CT - Reported 21.5 Rem Film Badge Exposure
 - c. PNO-II-79-25A North Anna Units 1 & 2 - Safety Function Reset Design Errors
 - d. PNO-II-79-26A Summer Unit 1 - Anticipated Media Interest in NRC Investigation
 - e. PNO-II-79-30 Brunswick Unit 1 - Through Wall Pipe Crack
 - f. PNO-II-79-31 Oconee Unit 3 - Loss of Nonsafety-Related Reactor Coolant System Instrumentation During Operation
 - g. PNO-II-79-32 Vogtle Units 1 & 2 - Confirmation of Action Letter on Severe Erosion of Category I Backfill
 - h. PNO-III-79-36 Dresden Units 2 & 3 - Unplanned Trip of Dresden Units 2 & 3
 - i. PNO-III-79-37 Northwestern University, Evanston, IL - Stolen 0.7 Microcurie Cesium-137 Standard Reference Source on November 9-10, 1979
 - j. PNO-III-79-38 Dresden Unit 1 - Industrial Accident
 - k. PNO-III-79-39 Prairie Island Unit 1 - Reactor Trip Caused by Failure of Feedwater Pump Motor
 - l. PNO-IV-79-14 Cooper Station - Plant Shutdown Due to Inoperative Diesel Generator
 - m. PNO-TMI-79-04 Three Mile Island Unit 2 - Video Surveillance of Containment Building
 - n. PNS-III-79-02 Callaway Units 1 & 2 - Bomb Threat
 - o. PNS-IV-79-13 Wolf Creek Unit 1 - Bomb Threat

2. The following IE Circular was issued: 1595 27
 - a. IE Circular No. 79-22, "Stroke Times for Power Operated Relief Valves," was issued on November 16, 1979 to all power reactor facilities with an operating license or construction permit.

OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

Week Ending November 16, 1979

Diablo Canyon Nuclear Power Plant, Units 1 and 2

In an Order dated November 16, 1979, the Licensing Board in this OL proceeding admitted Governor Edmund G. Brown, Jr. as the representative of the "interested state" of California under the provisions of 10 C.F.R. §2.715(c). Although the State Public Utilities Commission is already a full party to the proceeding under the provisions of 10 C.F.R. §2.714, the Governor will participate and be represented by special counsel. The Licensing Board directed the Governor to specify his "concerns" about the Plant within 30 days of receipt of its Order so that the parties would not be "surprised" and the Licensing Board would be able to ascertain whether the issues identified by the Governor are within its jurisdiction.

Edwin I. Hatch Nuclear Plant, Units 1 and 2

The sole petitioner, Georgians Against Nuclear Energy, requested that its petition to intervene be withdrawn. The Licensing Board granted the request, and dismissed the proceeding in an order dated November 16, 1979.

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ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING NOVEMBER 16, 1979

INTERNATIONAL COOPERATION

Foreign Visit

Mr. Sung-tae Chang, Director of International Affairs, Korean Nuclear Regulatory Bureau, recently visited Sandia Laboratory, Los Alamos Scientific Laboratory and the Idaho National Engineering Laboratory as part of a three-week training course in safeguards and nuclear material control and accountability. Mr. Chang spent his first two weeks in numerous meetings and discussion sessions with members of the NRC Safeguards and International Programs staff. Ann McLaughlin-Gore, International Programs, accompanied Mr. Chang on his visit to New Mexico and Idaho.

1595 329

* Foreign reports

1595 330

*Deleted from PDR copy.

ENCLOSURE H

OFFICE OF STATE PROGRAMS
ITEMS OF INTEREST
WEEK ENDING NOVEMBER 16, 1979

Program Development

Sheldon Schwartz visited Maryland officials in Baltimore on November 14 to explore further their expressed interest in a transportation surveillance contract. Similar negotiations are underway with the State of Virginia.

Robert Ryan briefed the EDO on November 14 on the activities of OSP, using the Decision Unit Tracking System (DUTS).

State Agreements

Chairman Hendrie and Governor Garrahy will sign the section 274 Agreement with Rhode Island in Providence on December 11, 1979. The Agreement will become effective on January 1, 1980.

W. Kerr met with Ms. Beverlee Myers, Director, California Department of Health Services and staff on November 13, 1979. Ms. Myers will submit a letter to NRC addressing three principal areas: (1) efforts to obtain increased staffing, (2) improved management controls including automatic data processing support and (3) improved procedures for processing license applications, conducting inspections, and documentation of inspection results and enforcement actions. The need for increased staffing was agreed to be the most urgent need to effect improvement in other program areas.

State Agreements staff attended a meeting of New York State officials on November 15, 1979 in Albany, New York to review the results of State monitoring and sampling around National Lead Industries, Inc. facility in Albany. The plant manufactures depleted uranium products under a State license. The State has detected low levels of depleted uranium in the environs around the plant and has drafted a report of their findings and asked for assistance in assessing the impact and asked for guidelines for soil contamination. EPA was also present at the meeting. OSP will hold a meeting of NRC and EPA staff November 23rd to discuss the State's report.

Emergency Preparedness

On November 9, 1979 Tom Elsasser, Region I SLO was in Bethesda meeting with representatives of OSP/NRR and IE to discuss the site visit program for emergency preparedness and on November 14-15, 1979 he observed the Connecticut State Radiological Emergency Response Drill.

1595 331

On July 25, 1979, the Commission was furnished a "Schedule of Actions, State and Local Government Emergency Planning" which identified the status of radiological emergency response plans in each of the 40 States that are impacted by nuclear power reactors. The attached report updates this status. (It has been provided to the EDO on a monthly basis.)

1595 332

Definitions and Acronyms in Attached Material

Category "A" States	Those with operating facilities and no "concurrent in" plan.
Category "B" States	Those (other than "A") contiguous to an operating facility in an adjacent State.
Category "C" States	Those (other than "A" or "B") with plants under construction.
Category "D" States	Those (other than "A", "B", or "C") contiguous to a plant under construction in an adjacent State.
Category "E" States	Those which have already received NRC concurrence.
Stages of development that States appear to be in:	Stage I- Identification of principals, determination of internal State priorities, and assessment of the status of State planning material. Stage II- Development/ compilation of planning materials. Stage III- Evaluation/ upgrading of planning materials. Stage IV- Critique of exercises.
PRERAD	(Peacetime Radiological Emergency Response Audit Device) A "PERT" type system for making an objective and semi-quantitative evaluation of plan/exercise.
RAC	Regional Advisory Committee.

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Nov. 5, 1979

ATTACHMENT I

Staff Assignments (as of 10/2/79)

1. Hal Gaut will coordinate field assistance, review & concurrence operations, and follow up on existing concurrences.
2. Bob DeFayette will support development of New England regional plan (RAC I*), manage training program and assist in coordination of overall field assistance efforts.
3. State programs regional staff (Tom Elsasser & Andy Robart) will retain lead in NRC regions 1 & 5 respectively.
4. I&E regional staff will retain lead in NRC regions 2,3&4 as time permits, keeping coordinator of field operations aware of any projected short-fall.
5. Dick Van Niel will support State planning efforts in RAC V* & coordinate periodic State status reports for all RAC's.
6. Dick Cleveland will support State planning efforts in RAC's VI thru X*, and coordinate finalization of acceptance criteria.
7. Ken Green will reassess limitations & capabilities of impacted counties and provide specific recommendations on the extent of their involvement in the emergency response process. He will also make a continuing review of all RERP's guidance for feasibility and relevance to local viz-a-viz state & facility activity.
8. Rod Mason will coordinate field exercise activity & consolidate interagency critiques. He will also support State planning efforts in RAC III*.
9. Dick Clevenger will develop demographic data in support of local & contiguous planning efforts, and specific field needs and priorities. He will also support State planning efforts in RAC IV*.
10. Eugene McPeek will support RAC II* and assist in support of RAC I, and VI-X. He will also coordinate with NRR on their scheduling and requirements for DSP participation in site visits.
11. Bob Jaske will provide quality control support on the concurrence process, including a critical review of existing concurrences and pursue special problems/States as needed, or noted below. He will also be project officer for the atmospheric release capability (ARAC) pilot project in New York at the Indian Point site.
12. Jim Dukes will implement PRERAD, instruct field staff in its use and document ADP systems requirements in support of EP plan/capability analyses, act as liaison to MPA, & provide immediate ADP support as required. (Remainder of effort will be applied to overall DSP needs.)
13. MPA will develop functional systems in response to requirements evolved in item 12 above and maintain active involvement in the field test stage of the PRERAD system to ensure its reliability as an applied resource during the accelerated EP review period.

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* (Staff who have 'support' roles will function basically as a headquarters project manager/consultant, working closely with the appropriate regional advisory committee chairman. Any exceptions to broad regional assignments are noted in specific State write-ups in Att. II.

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ATTACHMENT II A

CATEGORY 'A' States

State (stage)	Facilities (OSP Hqs action officer) - comment/status
COLORADO	Ft. St. Vrain (Stage III)(Dick Cleveland) Review shows incomplete communications plan as only current deficiency, though several other areas noted as able to benefit from some improvement. Revised plan due in October 1979. Exercise is scheduled for February 1980. State plans further revisions after exercise and projects NRC concurrence for May 1980.
GEORGIA	Hatch 1&2, Vogtle 1&2 (Stage III) (Dick Clevenger) RAC meeting held 10/25. State to submit revisions to plan by December. Concurrence is projected for March 1980.
ILLINOIS	Dresden 1/3, Quad Cities 1&2, Zion 1&2, Braidwood 1&2, Bryon 1&2, Clinton 1&2, LaSalle 1&2, Carroll 1&2 (Stage II)(Bob Jaske) High priority effort began 6/12/79 with goal of submission to NRC by 12/31/79. Funding assured by executive allocation. State legislature moving to establish a fund from licensing fees. Concurrence is projected for June 1980.
MAINE	Maine Yankee (Stage II)(Bob DeFayette) Plan is part of regional plan effort. State is also proceeding independently. Draft plan due in December. Concurrence is projected for May 1980.
MARYLAND	Calvert Cliffs 1&2 (Stage III)(Rod Mason) Plan being rewritten. Scheduled for submission in December. Concurrence is projected for May 1980.
MASSACHUSETTS	Pilgrim 1&2, Yankee-Rowe, Montague 1&2 (Stage II)(Bob DeFayette) Part of regional plan effort. Also proceeding independently. Draft plan due in November. Concurrence is projected for March 1980.
MICHIGAN	Palisades, Big Rock Point, Cook 1&2, Fermi 2, Midland 1&2, Greenwood 2&3 (Stage III)(Dick Van Niel) Plan submitted for RAC review. Concurrence is projected for February 1980.
MINNESOTA	Monticello, Praire Island 1&2 (Stage III)(Dick Van Niel) Revised plan out for RAC review. RAC meeting scheduled 11/5-6. Exercise planned with Prairie Island in October. Concurrence projected for December 1979.
NORTH CAROLINA	Brunswick 1&2, Harris 1/4, McGuire 1&2, Perkins 1/3 (Stage III)(Dick Van Niel) Dep't of Crime Control taking lead. Plan being rewritten. Exercise planned for 12/7-8 with Brunswick. Concurrence projected for May 1980.
OHIO	Davis Besse 1&2, Zimmer, Perry 1&2,

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Erie 1&2

(Stage III)(Dick Van Niel) Revised plan reviewed by RAC. Revisions to plan due in early October. Exercise with Davis Besse revealed some plan implementation deficiencies. Concurrence projected for December 1979.

OREGON

Trojan, Pebble Springs 1&2

(Stage III)(Dick Cleveland) Partial Regional Advisory Committee review completed. Plan needs work. State representatives are in a state of flux as lead agency is changing. Projection for concurrence is May 1980.

PENNSYLVANIA

Beaver Valley 1&2, Peachbottom 2&3,

TMI 1&2, Limerick 1&2, Susquehanna 1&2

(Stage III)(Rod Mason) Revised State plan and plans from all counties around TMI were received October 1, 1979 and are under RAC review. Counties around Peach Bottom and Beaver Valley are revising plans which are expected for review before State plan is complete. Concurrence is projected for February 1980.

VERMONT

Vermont Yankee

(Stage II)(Bob DeFayette) Plan is part of regional plan effort. Governor Snellings is pushing the regional planning concept. Bordering States are supporting it. Draft plan due in November 1979. Concurrence projected for February 1980.

WISCONSIN

Kewaunee, Point Beach 1&2, LaCrosse,

Tyronne, Haven

(Stage III)(Dick Van Niel). State has submitted Rev. 1 for RAC review. Some additional information due. Exercise with Lacross on 7/27 satisfactory. Concurrence projected for November 1979.

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ATTACHMENT II B

CATEGORY 'B' States

State (stage)	Facilities (OSP Hqs action officer) - comment/status
MISSOURI	Callaway 1&2, Cooper(in NE) (Stage III)(Dick Cleveland) Plan is being written as priority effort. Draft due to RAC for review in October. Concurrence is projected in February 1980. Tri-State exercise with Cooper Station, NE and KS is being planned for December 1979.
NEW HAMPSHIRE	Seabrook 1&2, Vermont Yankee(in VT) (Stage II)(Bob DeFayette) part of regional plan effort. Also proceeding with independent action. Draft plan due in December. Plan concurrence projected for 5/80.
RHODE ISLAND	New England 1&2, Millstone 1/3, Connecticut Yankee(in CT) & Pilgrim(in MA) (Stage II)(Bob DeFayette) 6/1/73 plan exists for nuclear accidents. 9/78 plan exists for Disaster Preparedness. Both plans need major work and a new plan is under active development. No date yet set for submittal to NRC/RAC, but expected in November. RI is being considered for inclusion in the New England regional plan.
WEST VIRGINIA	Beaver Valley(in PA) (Stage II)(Rod Mason) Current plan (circa 1969) is obsolete and very incomplete. WV has asked for NRC assistance in making a new plan. Meeting with WV held 8/16/79. WV will be starting from scratch, needs to coordinate closely with PA, and will try to have plan ready Spring 1980, but will need close attention and support.

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ATTACHMENT II C

CATEGORY 'C' States

State (stage)	Facilities (OSP Hqs action officer) - comment/status
ARIZONA	Palo Verde 1,2,3 (Stage II)(Dick Cleveland) New start. Previous plans of about 1974 & 1976 are out-dated. 1st operating plant is scheduled for 1983 startup. No schedule yet for plan submittal for RAC review.
INDIANA	Bailly Station, Marble Hill 1&2 (Stage II)(Dick Van Niel) New draft plan needs major work before submittal for RAC review. Indiana to submit draft plan by 10/79. Concurrence projected for June 1980.
LOUISIANA	River Bend 1&2, Waterford 3, Grand Gulf 1&2, (in MS) (Stage III)(Dick Cleveland) Plan under actual development was reviewed by RAC 1/79. Resubmittal estimated for 1/80. 1st operating plant is scheduled for 9/81.
MISSISSIPPI	Grand Gulf 1&2, Yellow Creek 1&2 (Stage II)(Dick Clevenger) Plan is under development by State. RAC is monitoring progress and submittal for review is expected in December. 1st operating plant scheduled for 3/81.
OKLAHOMA	Black Fox 1&2 (Stage II)(Dick Cleveland) New start, no previous effort. Preliminary draft has been mailed by the State on May 29, 1979 for internal State review. No projection yet for submittal for RAC review. 1st operating plant scheduled for late 1982.
TENNESSEE	Hartsville 1,2,3&4, Sequoyah 1&2, Watts Bar 1&2, Phipps Bend 1&2, (Stage III)(Dick Clevenger) Review essentially complete. Exercise held with Sequoyah on 10/28. Concurrence is projected for November 1979.
TEXAS	Comanche Peak 1&2, So. Texas 1&2, Allens Creek (Stage III)(Dick Cleveland) 1978 draft plan under RAC review. Plan revisions expected 10/79.

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EXERCISES --- STATE/LOCAL GOVERNMENT ORIENTED VIZ-A-VIZ UTILITY

	ESTIMATED BY RAC	PROJECTED BY STATE	SCHEDULED	COMPLETED	DOCUMENTD	PRIOR ACTIVITY				
1. ALABAMA	DUE 1/80	.	11/6/79	YES	.	6/30/78	8/29/77	2/28/76.		
2. ALASKA	.	.	.	.	.	.	.	.
3. ARIZONA	.	.	.	.	.	.	.	.
4. ARKANSAS	DUE 4/80	1/80	1/16/79	YES	YES	12/77	5/24/77	9/24/74		
5. CALIFORNIA	DUE 8/80	11/79	10/31/79	YES	.	5/2/79	8/19/77.	12/2/76.	7/1/76	6/19/7
6. COLORADO	.	.	7/79	.	.	11/6/78	1/12/78	1/11/77.		
7. CONNECTICUT	DUE 11/79	.	11/14/79	.	.	6/12/79	5/12/79	4/17/79	10/25/78	6/15/7
8. DELAWARE	DUE 8/79	.	9/20/79	YES	.	9/26/78.	10/27/77.	6/17/76.		
9. DIST/COLUMBIA	.	.	.	.	.	.	.	.
10. FLORIDA	DUE 7/80	.	9/27/79	YES	.	8/23/79	4/5/79	10/19/78	3/30/78.	10/20/7
11. GEORGIA	.	.	10/4/79	YES	.	.	.	.
12. HAWAII	.	.	.	.	.	.	.	.
13. IDAHO	.	.	.	.	.	.	.	.
14. ILLINOIS	.	.	.	.	.	.	.	.
15. INDIANA	.	.	.	.	.	.	.	.
16. IOWA	DUE 1/81	.	5/7/79	YES	YES	5/17/78.	6/8/77			
17. KANSAS	DUE 10/80	12/79	12/4/79	.	.	6/4/79	.	.		
18. KENTUCKY	.	.	.	.	.	.	.	.
19. LOUISIANA	.	7/80	.	.	.	.	.	.
20. MAINE	.	.	10/18/78	.	NO	.	.	.		
21. MARYLAND	.	.	6/27/78	YES	YES	7/14/76	.	.		
22. MASSACHUSETTS	.	.	10/21/75	YES	.	.	.	.
23. MICHIGAN	12/79	.	.	.	.	.	.	.
24. MINNESOTA	.	.	.	.	.	6/4/75	.	.		
25. MISSISSIPPI	.	.	.	.	.	.	.	.
26. MISSOURI	.	.	12/4/79	.	.	.	.	.
27. MONTANA	.	.	.	.	.	.	.	.
28. NEBRASKA	.	.	12/4/79	.	.	7/31/79	.	.		
29. NEVADA	.	.	.	.	.	.	.	.
30. NEW HAMPSHIRE	.	.	10/21/75	YES	YES	.	.	.		
31. NEW JERSEY	DUE 8/79	.	9/27/79	YES	.	9/26/78.	11/29/77	8/2/77.	6/17/76.	11/13/
32. NEW MEXICO	.	.	.	.	.	.	.	.
33. NEW YORK	DUE 1/80	.	1/15/80	.	.	10/12/78	10/12/78.	12/2/77.	6/7/77	
34. NORTH CAROLINA	.	9/79	12/7/79	.	.	.	.	.
35. NORTH DAKOTA	.	.	.	.	.	.	.	.
36. OHIO	10/79	.	10/3/79	YES	.	.	.	.
37. OKLAHOMA	.	.	.	.	.	.	.	.
38. OREGON	.	.	10/25/79	YES	.	9/18/78	8/18/77	8/31/76.	11/3/75	8/13/7
39. PENNSYLVANIA	.	.	6/24/76	YES	NO	.	.	.		
40. PUERTO RICO	.	.	.	.	.	.	.	.
41. RHODE ISLAND	.	.	.	.	.	.	.	.
42. SOUTH CAROLINA	DUE 5/80	.	10/9/79	YES	.	11/14/78	5/4/78?			
43. SOUTH DAKOTA	.	.	.	.	.	.	.	.
44. TENNESSEE	.	.	10/28/79	YES	.	6/14/79	7/6/78.			
45. TEXAS	.	.	.	.	.	.	.	.
46. UTAH	.	.	.	.	.	.	.	.
47. VERMONT	.	.	7/6/78	YES	NO	10/21/75.	.	.		
48. VIRGINIA	.	.	11/4/78	YES	YES	9/18/76	6/26/76.	2/14/76.		
49. WASHINGTON	DUE 4/80	.	10/25/79	YES	.	8/18/77.	1975?			
50. WEST VIRGINIA		
51. WISCONSIN	.	.	7/27/79	YES		
52. WYOMING		

REPORT AS OF 11/6/79

ENCLOSURE I
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ATTACHMENT II D

CATEGORY 'D' States

State (stage)	Facilities (OSP Hqs action officer) - comment/status
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KENTUCKY	Marble Hill(in IN), Zimmer(in OH) (Stage III)(Dick Clevenger) RAD Health working to update plan (current version is circa 1962) Peter Conn, Sec'y of KY Dept of Human Resources, asked at Zimmer hearing 5/23/79 for Federal assistance for KY and no license for Zimmer until effective plan is in place. Judge Greenwood of Trimble County has asked Public Service of Indiana for specific help for local plan at Marble Hill. Zimmer (in Ohio) is scheduled for operation in 3/80. OSP/EP was briefed 6/21/79 at meeting in Frankforc. Administrative part of new plan sent out for RAC review 6/28/79 and results were discussed with state 8/23. Rest of plan due in early October.
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Nov. 5, 1979

ATTACHMENT II E

CATEGORY 'E' States (CONCURRED IN PLANS)

State	Date	Current plan of record in EP/OSP
Alabama	2/9/79	2/16/78 Alabama Emergency Plan (Annex B)
Arkansas	5/3/79	5/78 Emer. Operations Plan (Annex Q)
California	8/15/78	8/78 Nuclear Power Plant Emer. Resp. Plan
Connecticut	12/21/77	3/78 FNF RERP (Annex V to St. E.O.P.)
Delaware (adj.)	7/24/78	6/8/78 Radiological Emer. Response Plan
Florida	8/4/78	1978 Radiological Emer. Plan for FNF
Iowa	2/27/79	6/30/78 Iowa Emergency Plan
Kansas (adj.)	9/19/78	11/1/78 Annex A - FNF Nuc. Inc. Resp. Plan
Nebraska	9/21/79	7/79 RERP for Nuclear Power Plant accidents
New Jersey	9/30/77	11/1/77 State PIPAG manual w/app.
New York	1/23/79	12/78 State Emer. Plan for Radiation Acci.
South Carolina	11/23/77	12/30/78 Peacetime RERP
Virginia	10/22/79	10/79 Radiological Emer. Response Plan
Washington	3/29/77	4/77 State Emergency Plan for FNF.

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ENCLOSURE I

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

WEEK ENDING - NOVEMBER 16, 1979

Report to Congress

Second Quarter CY-79 Abnormal Occurrence Report was published. Transmittal letters to Congress were sent to Chairman for signature.

Potential Abnormal Occurrence

Paper given to EDO on Palisades potential abnormal occurrence and forwarded to the Commission for consideration.

1595 343

CALENDAR OF SIGNIFICANT EVENTS

TWO-WEEK PERIOD ENDING DECEMBER 1, 1979

November 19, 20, 1979	San Onofre 2/3	Caseload Forecast Panel Visit.
November 20, 1979	LaSalle 1&2	Site visit for fire protection
November 20, 1979	North Anna 2	Meeting to discuss Environmental Qualification of equipment
November 26, 1979	Diablo Canyon 1 & 2	Meeting is scheduled with applicant to discuss groundrules for the evaluation of the effect of failure of non-seismic systems on plant safety.
November 27, 28, 1979	Callaway 1&2	Caseload Forecast Panel visit to site.
November 29, 30, 1979	Wolf Creek 1	Caseload Forecast Panel visit to site.

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STATUS OF NUCLEAR POWER PLANTS – OCT. 31, 1979

<u>Number Of Units</u>	<u>Rated Capacity (MWe)</u>
*70 LICENSED TO OPERATE.....	51,000
**91 CONSTRUCTION PERMIT GRANTED.....	100,000
37 Under Operating License Review.....	40,000
54 Operating License Not Yet Applied For.....	60,000
23 UNDER CONSTRUCTION PERMIT REVIEW.....	26,000
**4 Site Work Authorized, Safety Review in Process.....	4,000
19 Other Units Under CP Review.....	22,000
4 ORDERED.....	5,000
2 PUBLICLY ANNOUNCED.....	2,000
1595 190 TOTAL.....	184,000

*To date there have been 490 reactor years of operation. Not included are two operable DOE-owned reactors with a combined capacity of 940 MWe.

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

ENCLOSURE 0