

PDL

July 17, 1985

For: The Commissioners

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

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING JULY 12, 1985

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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*No input this week.

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for Operations

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492-7781

HIGHLIGHTS OF WEEKLY INFORMATION REPORT

WEEK ENDING JULY 12, 1985

Diablo Canyon - Brush Fire Near San Luis Obispo

The brush fire near the city of San Luis Obispo is approximately 10 miles ENE from the Diablo Canyon site. As of Monday afternoon (July 8) the fire was approaching State Highway 101 from the east. Parts of the city were evacuated. The airport was temporarily closed due to heavy air traffic associated with the fire fighting. On July 4th transmission via the Midway line to the east was switched temporarily to the Gates line to the north for precautionary reasons. Unit 1 is operating at 100 percent power. PG&E is monitoring the situation.

Interagency Task Force on Nuclear Exports

On Tuesday representatives from the State Department, DOE and DOC met with representatives from IP to discuss the official formation of the Interagency Task Force on Nuclear Exports at the Nuclear Power Assembly which was formally announced May 7, 1985 by Deputy Secretary of Commerce Brown. This task force has met informally over the past two years and the NRC has participated in these meetings in an observer status. One of the main objectives of this group is to form a more unified focal point for export assistance and problem resolution within the Federal Government for the U.S. nuclear industry.

Completion of NRC Fuel Testing in the Power Burst Facility (PBF)

The test train for the final NRC Severe Fuel Damage test in PBF, SFD 1-4, which was performed on February 7, was removed from the PBF test loop on July 5. Fission product and aerosol samples from the SFD 1-4 test had previously been recovered, and the very-radioactive effluent line from the test train had previously been cut up and removed for analysis. The actual test bundle of 28 rods of high burnup fuel and 4 Ag-In-Cd control rods is highly radioactive, and has undergone severe damage up to partial meltdown. The test train will be shipped from the PBF facility on July 12 to begin the process of disassembly, neutron radiography and tomography, and post-irradiation examination (PIE) and metallography. This work and analysis of the results of the PBF-SFD tests will continue for about two years.

With shipment of the test train, NRC use of the PBF facility for its fuel-testing program will be completed. The four Severe Fuel Damage tests in PBF have provided much of our current understanding of the in-vessel phase of severe accidents. They have also provided a major part of the technical basis for decisions on source-term reassessment and severe-accident policy and for regulatory implementation of these decisions. Discussions are currently underway among NRC, DOE, and OMB on the future disposition of the PBF facility. Pending completion of these discussions, facility operations are being reduced to a minimum standby level.

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OFFICE OF ADMINISTRATION

Week Ending July 12, 1985

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Carryovers, 1984	179	23
Received, 1985	491	28
Granted	377	22
Denied	94	11
Pending	199	18

ACTIONS THIS WEEK

Received

Joan A. Estrada, Professional Carpet Service (85-473)	Request for copies of purchase orders and invoices for all drapery cleaning and venetian blind maintenance and repair from August 8, 1984, to June 30, 1985.
Phyllis D. Swecker, The Conservative Caucus Foundation, Inc. (85-474)	Request for a computer printout of all financial and/or technical assistance awards made during FY 1984 by the NRC program established to enhance technology transfer and dissemination of nuclear energy process and safety information.
Donald L. Schlemmer, Government Accountability Project (85-475)	Referral from the Department of State of a request covering four documents regarding a Philippine nuclear power plant.
Jack H. Taylor, Jr., Dallas Times Herald (85-476)	Request for copies of all records leading to the Commission rule change on the definition of meeting under the Government in the Sunshine Act.
Steve Fagan, Fort Worth Star-Telegram (85-477)	Request for a copy of the NRC report on Region IV management decisions regarding the March 8, 1984, "T-Shirt Incident" at the Comanche Peak plant.

CONTACT: J. M. Felton
492-7211

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Received Cont'd

Richard Jacobs, Washington Document Service (85-478)	Request for copies of all records provided to and received from any Congressional member, Committee or Subcommittee regarding any pending or completed escalated enforcement action commenced against any power reactor licensee or applicant since January 1, 1984.
Tom Kalitowski, Governor's Task Force on High-Level Radioactive Waste (85-479)	Request for current listings of technical contractors in the earth sciences and geohydrology fields that may be available for high level radioactive waste disposal work for the Commission or the last basic ordering agreement listing of such contractors.
Richard B. Sigmond, Spear, Wilderman, Sigmond, Borish, Endy and Silverstein (85-480)	Request for copies of the certified payroll records for the project completed by Volt Technical Services for the Seabrook plant and the applicable prevailing wage determination established by the Department of Labor for all crafts employed by that contractor on the project.
Stephen H. Hanauer, Technical Analysis Corporation (85-481)	Request for copies of all training manuals and other technical reference and instructional documents used at the NRC Technical Training Center, including General Electric documents.
Lynne Bernabei, Government Accountability Project (85-482)	Referral from the Department of Justice of a request covering 11 documents related to an OI investigation regarding the Palo Verde plant.
Richard Condit, Government Accountability Project (85-483)	Request for all records complied by or for AEC and NRC on the waste disposal practices of the Dow Chemical Company of Midland, Michigan.
Clifford A. Beck, Jr. (85-484)	Request for a copy of the list of publications available free from TIDC.
Steven Sholly, Union of Concerned Scientists (85-485)	Request for copies of five specified reports regarding severe accident source terms.
Desmond J. Byrne, International Tourism Research (85-486)	Request for a list of consultant's reports/studies commissioned by the NRC for FY 1982, 1983, 1984, and 1985 to date that cost \$20,000 or more.

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Billie Pirner Garde, Government Accountability Project (85-487)	Request for all records related to the presentation by Commissioner Bernthal to the Atomic Industrial Forum in Dallas the week of May 20, 1985, including a copy of the presentation.
Jennifer Epps (85-488)	Request for a list of current NRC computer service and hardware contracts.
Rhonda J. Weigel, EQES, Inc. (85-489)	Request for copies of specified mailing labels.
Ann Hunter, Government Accountability Project (85-490)	Request for copies of two categories of records related to the Farley plant.
Billie Pirner Garde, Government Accountability Project (85-491)	Request for copies of all records related to all communications between Harold Denton, William Dircks, and Victor Stello regarding the Comanche Peak plant.

Granted

Nina Bell, Nuclear Information and Resources Service (84-430)	In response to a request for six categories of records regarding the Charleston earthquake of 1886 and seismic design for the Vogtle plant, made available 86 records. Informed the requester that two additional records subject to her request are already located in the PDR.
Stan A. Huber, Stan A. Huber Consultants, Inc. (85-205)	In response to a request for copies of the current license, application, and supporting records for the NRC license issued to Applied Health Physics, Inc., Bethel Park, Pennsylvania, made available six records.
Thomas F. Sheehan, Gilbert/ Commonwealth, Inc. (85-223)	In response to a request for copies of the successful proposal and contract related to Request for Proposal number RS-ORM-84-397 entitled "OIP Requirements Study," made available one document. Informed the requester that the requested contract is already available in the PDR.
L. J. Kenaga (85-336)	In response to a request for copies of NRC Region III's Operating Plan and SALP Rating Guide for Operating Reactors for the period 1985 through 1986, made available four records.

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Granted Cont'd

Jim Pedro, NUS Corporation (85-350)	In response to a request for a copy of SECY-85-40 entitled "Planning the Review of DOE's Project Decision Schedule for the High-Level Waste Repository Program," made available the requested record.
Frank S. Hamblett, Newman & Holtzinger, P.C. (85-389)	In response to a request for a copy of SECY-85-239 entitled "Delegation of Subpoena Authority," made available the requested record.
David A. Seaver, General Physics Corporation (85-416)	In response to a request for a copy of the successful technical proposal submitted by Westinghouse Corporation in response to Request for Proposal RS-RES-85-103 entitled "Modeling Cognitive Behavior of Nuclear Power Plant Personnel," made available the requested record.
Anne Rapkin, Office of the Attorney General (85-438)	In response to a request for all records regarding solicitations for preparation of environmental assessments and impact statements along with all contracts between the NRC and Argonne National Laboratory in connection with the decommissioning of the Kerr-McGee Rare Earths Facility in West Chicago, Illinois, made available the requested records.
Mozart G. Ratner (85-440)	In response to a request for copies of specified records related to the General Electric Company's license, made available three records. Informed the requester that additional records subject to his request are already available in the PDR.
Steven C. Sholly, Union of Concerned Scientists (85-447)	In response to a request for specified records which were referenced in Draft 1, NUREG-0956, "Reassessment of the Technical Bases for Estimating Source Terms," made available ten records.
Billie Firner Garde, Government Accountability Project (85-455)	In response to a request for all records relied upon by William Dircks in his analysis of the Quadrex Corporation's analysis of the South Texas plant, including information generated by Mr. Dircks or staff comments sent to Mr. Dircks about the Quadrex Report, informed the requester that one record which is related to her request is already located in the PDR.

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Granted Cont'd

Michael K. O'Mealia, In response to a request for a copy of a 1978 report
Doc-Search entitled "Results and Analysis of Transient Rod Bundle
Associates Boiling Transition Tests," informed the requester that
(85-462) the NRC could not locate the requested record.

(An Individual In response to a request for copies of records
Requesting maintained in the file on her security clearance, made
Information About available 16 records.
Herself)
(85-463)

Richard B. Sigmond, In response to a request for copies of the certified
Spear, Wilderman, payroll records for the project completed by Volt
Sigmond, Borish, Technical Services for the Seabrook Plant and the
Endy and applicable prevailing wage determination established
Silverstein by the Department of Labor for all crafts employed by
(85-480) that contractor on the project, informed the requester
that the NRC has no documents subject to his request.

Denied

Lynn Cunningham, In response to a request for the Office of
The Times-Picayune Investigations' documents regarding the control room
Publishing operators at the Three Mile Island Unit 2 reactor,
Corporation denied approximately 13 feet of documents, disclosure
(85-194) of which would interfere with an ongoing enforcement
action.

Steve Kohn and In response to requests for various categories of
Richard Condit, documents relating to Dow Chemical Company of Midland
Government Michigan, made available 285 documents. Denied portions
Accountability of 14 documents, disclosure of which would constitute
Project a clearly unwarranted invasion of personal privacy.
(85-256 and
85-258)

Nina Bell, In response to AN APPEAL TO THE COMMISSION for three
Nuclear denied documents, plus attachments, and response
Information and concerning other requested documents regarding Diablo
Resource Service Canyon, made available portions of one document.
(84-78-84-798) Continued to deny the remaining two documents,
disclosure of which would inhibit the open and frank
exchange of ideas, views, advice, and recommendations
between OGC and the Commission. Made available
additional requested records.

WEEKLY INFORMATION REPORT
DIVISION OF CONTRACTS
WEEK ENDING JULY 12, 1985

RFP ISSUED

RFP No.: RS-OIE-85-159

Title: "NRC Training Courses for Inspectors and Engineers"

Description: The contractor will provide experienced instructors and other experts to conduct two training courses of 80 hours duration each. One course shall be titled, "Electrical Technology and Codes," the other "Instrumentation Technology and Codes."

Period of Performance: One year with 3 one year options

Sponsor: Office of Inspection and Enforcement

Status: RFP issued on July 8, 1985. Proposals due August 8, 1985.

PROPOSAL UNDER EVALUATION

RFP No.: RES-85-106

Title: Piedmont Seismic Reflection Study

Description: Select a specific seismological problem related to the Southern Piedmont, design a program of seismic reflection and other geographical investigations, execute the program & interpret the resulting data. The information gathered is to be used to advance the state of knowledge on possible causes of seismicity in the Piedmont of Virginia and the Carolinas, particularly with respect to structure at hypocentral depths.

Period of Performance: 2 years with additional one year option

Sponsor: Office of Nuclear Regulatory Research

Status: Best and Final offers due on July 17, 1985.

CONTRACTS CLOSED-OUT

NRC-03-79-116

US Naval Research Laboratory

NRC-33-83-456

WSI Corporation

ADMINISTRATIVE MATTERS

A protest filed by Employment Perspectives, Inc., on March 14, 1985 against NRC's March 6, 1985 award of Contract No. NRC-10-85-214 to BEMW, Inc., for career counseling services was denied by the General Accounting Office on June 24, 1985. Employment Perspectives had alleged that criteria for evaluation of proposals had been improperly applied.

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OFFICE OF NUCLEAR REACTOR REGULATION

ITEMS OF INTEREST

Week Ending July 12, 1985

Combustion Engineering

Combustion Engineering advised the NRC in a letter dated July 2, 1985 that recent sensitivity study of a revised C-E Loca Evaluation Model showed that a center peaked chopped cosine axial power distribution and flatter axial peaking factor are more adverse than currently used for CE plants. While evaluation is not complete, it is possible that San Onofre 3, Waterford 3 and Palo Verde might exceed slightly the acceptance criteria of 10 CFR 50.46 peak clad temperature by the 20°F defining a significant change in the evaluation model. CE and identified owners will meet with the staff Wednesday, July 10, 1985 in Room P-114.

Shoreham

The low power license for Shoreham was issued on July 3, 1985. The reactor was then taken critical on July 7, 1985, and a heatup using nuclear heat was started on July 8, 1985. The reactor is at about 1% power during the heatup. The licensee expects to test HPCI, RCI, and ADS systems this week, and will raise reactor power to nearly 5% next week to test other systems. The licensee estimates that the 5% test program should be completed in late August.

Diablo Canyon - Brush Fire Near San Luis Obispo

The brush fire near the city of San Luis Obispo is approximately 10 miles ENE from the Diablo Canyon site. As of Monday afternoon (July 8) the fire was approaching State Highway 101 from the east. Parts of the city were evacuated. The airport was temporarily closed due to heavy air traffic associated with the fire fighting. On July 4th transmission via the Midway line to the east was switched temporarily to the Gates line to the north for precautionary reasons. Unit 1 is operating at 100 percent power. PG&E is monitoring the situation.

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Brunswick Steam Electric Plant, Unit 2

Unseasonably warm weather with below normal rainfall in June and July has caused the Cape Fear River, the source of Brunswick cooling water, to be warmer than usual for this time of year. As a result, the containment drywell temperature which is controlled by this cooling water and limited by Technical Specification to 135°F, has approached this value. The drywell temperature is limited by administrative procedure to 134°F, at which point the temperature is reduced by reducing reactor power. This has caused some derating in the past but it usually occurs later in the summer.

Work has been started on installing a special chiller for the cooling water to keep the temperature of the drywell down. This chiller is expected to be ready for operation in a matter of weeks.

TVA Management Changes

TVA has announced organizational changes for the nuclear program.

Effective immediately, Mr. Hugh Parris is assigned responsibility solely for the TVA nuclear program. His other duties will be assumed by Robert Steffy. Additionally, the staff has been advised that Mr. William Cottle, Site Director for Watts Bar is assigned as an assistant to Mr. Parris.

Shoreham

The NY State Court of Appeals ruled yesterday that the Suffolk County Executive exceeded his authority by ordering a test of the Shoreham emergency plan. The court left open, however, the possibility of action by the county executive to perform the function of gathering information and reviewing and evaluating an emergency plan in order to participate with the Legislature in formulating a new plan.

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NRC TMI PROGRAM OFFICE WEEKLY STATUS REPORT

WEEK ENDING JULY 12, 1985

1. PLANT STATUS

- The facility remains in long term cold shutdown with the Reactor Coolant System (RCS) vented to the reactor building atmosphere and the reactor vessel head and plenum assembly removed.
- The reactor vessel plenum has been removed from the reactor vessel and placed on its storage stand in the deep end of the fuel transfer canal. A dam has been installed between the deep and shallow ends of the fuel transfer canal. The deep end is filled with water to a depth of about 20 feet (about 5 feet above the top of the plenum).
- The modified internals indexing fixture is installed on the reactor vessel flange and is flooded to elevation 327 feet 6 inches (15½ feet above the top of the core region).
- Calculated reactor decay heat is less than 12 kilowatts.
- RCS cooling is by natural heat loss to the reactor building ambient atmosphere. Incore thermocouple readings range from 72°F to 93°F with an average of 82°F. Average cold leg temperature is 66°F.
- The average reactor building temperature is 63°F. The reactor building airborne activity is 1.4 E-7 uCi/cc tritium, and 7.6 E-10 uCi/cc particulate, predominantly cesium 137.

2. WASTE MANAGEMENT

- The Submerged Demineralizer System (SDS) commenced processing batch 122 consisting of 13,358 gallons from the "B" reactor coolant bleed tank. EPICOR II commenced processing batch 258 consisting of 7,765 gallons from SDS tank 1B.
- Total volume processed through SDS to date is 2,912,194 gallons, and the total volume processed through EPICOR II is 2,488,539 gallons.

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3. DOSE REDUCTION/DECONTAMINATION ACTIVITIES

- Shielding of the lower portion of the reactor building air coolers has been completed. Shielding of the upper (motor) portion is being re-evaluated on the basis of ALARA. Dose rate reduction factors of 2 to 3 were realized from shielding of the lower portions.
- Average general area radiation dose rate is 36 mrem per hour on the 347' level of the reactor building and is 160 mrem per hour on the 305' level of the reactor building.

4. ENVIRONMENTAL MONITORING

- EPA sample analysis results show TMI site liquid effluents to be in accordance with regulatory limits, NRC requirements, and the City of Lancaster Agreement.
- TMI water samples taken by the US Environmental Protection Agency at the plant discharge to the river consisted of seven daily composite samples taken from June 22, to June 29, 1985. Gamma scans detected no reactor related radioactivity.
- The Lancaster water sample taken at the water works intake and analyzed by the US Environmental Protection Agency consisted of a seven day composite sample taken from June 23, to June 29, 1985. A gamma scan detected no reactor related radioactivity.
- The NRC outdoor airborne particulate sampler at the TMI Site collected a sample between July 3, and July 11, 1985. No reactor related radioactivity was detected. Analysis showed I-131 and Cs-137 concentrations to be less than the lower limits of detectability.

5. REACTOR BUILDING ACTIVITIES

- Additional characterization of debris and inspection of the lower reactor head internals is scheduled during the week of July 14, 1985. Plenum removal on May 15, 1985, opened additional access ports to the lower head where 10 to 20 tons of debris was identified during a closed circuit television inspection in February 1985.

The characterization next week will include video inspections at two quadrants which had not been examined previously. The camera will be attached to an articulating arm having the capability to insert the camera into the 6 inch diameter flow holes in the lower flow distributor. Collection of debris and liquid samples will be attempted during the scheduled characterization. Mechanical probing of the lower head debris is included as part of the video inspection.

Defueling preparations will continue in parallel with the lower head characterization. Assembly of the defueling platform above the internals indexing fixture will commence next week. The trolley

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which will eventually transfer fuel canisters from the reactor vessel to the deep end of the refueling canal will be installed on the fuel transfer bridge.

6. AUXILIARY AND FUEL HANDLING BUILDING ACTIVITIES

- Installation of the DWCS continued. Partial DWCS turnover for processing RCS during early defueling is scheduled to be completed in late August.

7. NRC EVALUATIONS IN PROGRESS

- Defueling Water Cleanup System Technical Evaluation (including Revision 6)
- Technical Specification Change Requests numbers 46, 48, 49, and 50
- Recovery Operations Plan Change numbers 27, 29, 31, and 32
- Fuel Canister Technical Evaluation
- Fuel Handling Senior Reactor Operator Training Program
- Defueling Safety Evaluation
- Application for seismic exemption
- The NRC Vendor Programs Branch performed an inspection at the Nuclear Energy Services (NES) facility in Greensboro, North Carolina, where the fuel storage canisters, fuel storage racks, and fuel canister transfer shields are being fabricated. The inspection examined construction activities and included a review of the implementation of the quality assurance program at NES. The inspection findings are undergoing NRC management review and the final inspection report will be used in a few weeks.

8. PROJECTED SCHEDULE OF FUTURE EVENTS

- Start of Defueling: September 1985

9. PUBLIC MEETING

- The Advisory Panel for the Decontamination of Three Mile Island Unit 2 will meet on July 18, 1985, from 7:00 PM to 10:00 PM at the Lancaster Council Chambers, Public Safety Building, 201 North Duke Street, Lancaster, PA. The meeting will be open to the public.

At this meeting the Panel will receive a general update on the progress of the cleanup from General Public Utilities Nuclear Corporation, the licensee. The licensee will also provide a detailed discussion of the reactor pressure vessel defueling program. The staff of the U. S. Nuclear Regulatory Commission will provide the Panel with the results of a recent staff review of health effects studies conducted in the vicinity of TMI-2 since the

March 28, 1979 accident. The Panel will also hold a planning session to identify and schedule future topics for Panel discussion.

Persons desiring the opportunity to speak before the Panel are asked to contact Mr. Thomas Smithgall at 717-291-1042 or write to him at 2122 Marietta Avenue, Lancaster, Pennsylvania 17603. Persons desiring to submit topics or questions for consideration by the Panel are asked to contact, in writing, Mayor Arthur Morris, 120 North Duke Street, Lancaster, Pennsylvania 17602.

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OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending July 12, 1985

Near-Term NRC Actions under the Nuclear Waste Policy Act

Section: 301 of NWPA

Action: NRC submitted 21 objections plus comments on the DOE draft Mission Plan on July 31, 1984.

Status: Final Mission Plan submitted to Congress by DOE on July 9, 1985. Statement containing reasons for DOE not revising Mission Plan to meet NRC objections are to be published in the Federal Register on Friday, July 12, 1985. The staff is now reviewing.

Section: 114(e) of NWPA

Action: NRC comments on a preliminary draft DOE Project Decision Schedule were submitted to the Office of Civilian Radioactive Waste Management in March, 1985.

Status: The draft Project Decision Schedule is expected from DOE during the week of July 15-19, 1985. DOE is expected to request Commission concurrence by mid-September.

Section: 134

Action: A proposed rule containing 2 options for establishing procedures for expansion of on-site spent fuel storage capacity or trans-shipment of fuel was published by NRC on December 5, 1983.

Status: After assessing public comments, NRC staff has submitted the final rule to the Commission on July 8, 1985. The final rule is a synthesis of the 2 options cited in the proposed rule in that hybrid hearing procedures are optional.

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OFFICE OF INSPECTION AND ENFORCEMENT
Items of Interest
Week Ending July 12, 1985

1. The following Significant Enforcement Actions were taken during the past week:
2. The following IE Preliminary Notifications were issued during the past week:
 - a. PNO-I-85-46, Pennsylvania Power and Light Company (Susquehanna Unit 2), Unplanned Outage Exceeding Three Days.
 - b. PNO-I-85-47, Long Island Lighting Company (Shoreham), Shoreham Startup and Power Ascension.
 - c. PNO-II-85-63, Carolina Power and Light Company (Shearon Harris), Completion of Cold Hydrostatic Tests of Primary System.
 - d. PNO-II-85-64, Mississippi Power and Light Company (Grand Gulf Unit 1), Media Interest in Demonstrators at Plant Site.
 - e. PNO-II-85-65, Duke Power Company (Oconee Units 1, 2 & 3), Transportation Cask in Excess of DOT Contamination Limits.
 - f. PNO-III-85-54B, Toledo Edison Company (Davis-Besse), Loaded Weapon Found During Entry Search (Update).
 - g. PNO-III-85-55, Detroit Edison Company (Fermi Unit 2), Reactor Trip Due to Low Feedwater Level.
 - h. PNO-IV-85-29, Louisiana Power and Light Company (Waterford Unit 3), Information on the Effects of Gaseous Activity in Radiological Control Areas.
 - i. PNO-IV-85-30, Kansas Gas and Electric Company (Wolf Creek), Unscheduled Shutdown Due to Feedwater Control Problems.
 - j. PNO-V-85-39, Portland General Electric (Trojan), 17 GPM Reactor Coolant System Leak.
 - k. PNO-V-85-40, Pacific Gas and Electric (Diablo Canyon), Brush Fires in the Vicinity of Diablo Canyon.
 - l. PNO-V-85-41, Arizona Public Service Company (Palo Verde Unit 2), Potential Unauthorized Manipulation of Valves From Remote Shutdown Panel.
 - m. PNO-V-85-42, Exxon Nuclear Company, Inc. (Richland, WA), Receipt of Contaminated Packages.
 - n. PNO-V-85-43, Arizona Public Service Company (Palo Verde Unit 1), ENCLOSURE D Declaration of Unusual Event.

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3. The following IE Information Notices were issued during the past week:

- a. IE Information Notice 85-50, Complete Loss of Main and Auxiliary Feedwater at a PWR Designed by Babcock & Wilcox was issued July 8, 1985 to all nuclear power facilities holding an operating license or construction permit.
- b. IE Information Notice 85-51, Inadvertant Loss of Improper Actuation of Safety-Related Equipment was issued July 10, 1985 to all nuclear power reactor facilities holding an operating license or a construction permit.
- c. IE Information Notice 85-52, Errors in Dose Assessment Computer Codes and Reporting Requirements Under 10CFR Part 21 was issued July 10, 1985 to all nuclear power reactor facilities holding an operating license or a construction permit.

4. Other Items

a. Senior Management Meeting

Director, IE and representatives of IE staff met with M. Jean Buttin, Executive Vice President, Framatome, in Bethesda, MD on July 11. Framatome presented their plans for requesting NRC review of a topical QA report as a precursor to entering the U.S. market for nuclear supplies and services. ELD has issued a legal opinion that finds no bar to NRC acceptance of a foreign topical QA report for review.

b. Quality Assurance

- (1) Representatives of the Quality Assurance Branch, Division of Quality Assurance, Vendor, and Technical Training Programs visited Stone & Webster offices in Cherry Hill, NJ in conjunction with inspection activities related to the Nine Mile Point 2 Engineering Assurance Program this week.
- (2) On July 8-11, representatives of the Quality Assurance Branch supported NMSS in an NRC overview of a DOE headquarters QA audit of the DOE salt geologic repository project office in Columbus, OH.

c. Technical Training Center

Director, Administration and the Director of Management Development Training staff visited the Technical Training Center and TVA simulator July 9-11, 1985.

d. Incident Response

- (1) Representatives of the Incident Response Branch, Division of Emergency Preparedness and Engineering Response, and Region I attended the Relocation Tabletop Exercise (RTE) Management Group meeting on July 8 to review the progress in planning for this tabletop to be held in December 1985.
- (2) The Chief, Incident Response Branch, conducted a tour of the NRC Operations Center for the ACRS on July 9. This tour discussed the agency's incident response program.
- (3) A workshop was held on July 10-11 between the emergency response coordinators, regional management, and representatives of the Incident Response Branch. The workshop discussed budget and other upcoming projects.
- (4) Representatives of the Incident Response Branch attended the Federal Radiological Preparedness Coordinator Committee meeting to be held on July 12, 1985 at FEMA.
- (5) Representatives from the Incident Response Branch, the Office of Resource Management, and an ADP contractor made federal facility site visits for ADP system integration during the week of July 8, 1985.

e. Program Development Status

Three inspection procedures (IPs) from the 2515 program (operating reactors) were sent to the regions for comment. These IPs dealt with inspection of core physics surveillance testing and were extensively revised to make them technically correct and current with respect to standard technical specification requirements.

f. Comanche Peak

Representative of the Reactor Construction Branch, Division of Inspection Programs was in Region IV this week to assist in the preparation of NRC inspection plans relating to Comanche Peak Response Team Program Plan recently submitted by Texas Utilities Company.

OFFICE OF NUCLEAR REGULATORY RESEARCH

Items of Interest

Week Ending July 12, 1985

Program Review Trip to the Idaho National Engineering Laboratory (INEL)

RSRB staff reviewed at INEL the International Code Assessment Program (ICAP), Domestic Code Assessment Program, Nuclear Plant Analyzer (NPA), TRAC-Boiling Water Reactor (BWR) Code, RELAP5 Code, ROSA-IV, and 2D/3D programs. During the first two days only technical coordination of the international and domestic assessment and NPA programs were discussed. These meetings were also attended by both the Los Alamos National Laboratory (LANL) and Brookhaven National Laboratory (BNL) personnel. Following are the highlights of the review and coordination meetings.

- a. INEL has decided that acquiring a Class VI (Cray) type computer is not cost-effective. They do not have a sufficient number of calculations to justify its purchase. Therefore, INEL will gradually start using micro- and minicomputers for code calculations.
- b. For the International Code Assessment program all participants agreed that the Time-Domain (Box-Jenkins) method should be considered in calculating code uncertainty because the variables entering in the analysis may not be independent.
- c. INEL will produce an overall (both domestic and international) code assessment matrix. This matrix will be discussed with NRR to ensure that the calculations are focused to meet NRR's licensing needs.
- d. The first two newsletters for the ICAP program are completed and will be sent to participants by INEL.
- e. INEL needs the TRAC-Pressurized Water Reactor (PWR) NPA code for the development of the TRAC-BWR-NPA. NRC will have LANL transfer the code to INEL.

Boundary Condition Controller for Nuclear Plant Analyzer

On July 1, 1985, Drs. Fabic and Andersen of Dynatrek, Incorporated briefed the RES staff on their progress on the development of a boundary condition controller for the NPA. This project is a small business innovation research (SBIR) project designed to be of mutual benefit to the business and to the NRC. The boundary condition controller has been shown to be effective for normal operating transients. Phase II of the effort has been proposed to address more challenging scenarios involving two-phase flow.

JUL 12 1985

ENCLOSURE E

Completion of NRC Fuel Testing in the Power Burst Facility (PBF)

The test train for the final NRC Severe Fuel Damage test in PBF, SFD 1-4, which was performed on February 7, was removed from the PBF test loop on July 5. Fission product and aerosol samples from the SFD 1-4 test had previously been recovered, and the very-radioactive effluent line from the test train had previously been cut up and removed for analysis. The actual test bundle of 28 rods of high burnup fuel and 4 Ag-In-Cd control rods is highly radioactive, and has undergone severe damage up to partial meltdown. The test train will be shipped from the PBF facility on July 12 to begin the process of disassembly, neutron radiography and tomography, and post-irradiation examination (PIE) and metallography. This work and analysis of the results of the PBF-SFD tests will continue for about two years.

With shipment of the test train, NRC use of the PBF facility for its fuel-testing program will be completed. The four Severe Fuel Damage tests in PBF have provided much of our current understanding of the in-vessel phase of severe accidents. They have also provided a major part of the technical basis for decisions on source-term reassessment and severe-accident policy and for regulatory implementation of these decisions. Discussions are currently underway among NRC, DOE, and OMB on the future disposition of the PBF facility. Pending completion of these discussions, facility operations are being reduced to a minimum standby level.

NRC Staff Meeting with EPA on De minimis Radiation Levels

In a letter to the Environmental Protection Agency dated June 4, 1984, the NRC staff confirmed its needs for Federal guidance on the unrestricted release and potential reuse of a wide range of decontaminated lands, facilities, equipment, and materials generated in conjunction with NRC licensed activities. Similar guidance is also needed by other Federal agencies such as DOE. In another recent letter to EPA, dated June 20, 1985, NRC needs were reiterated and expeditious action was requested. On July 9, 1985, NRC staff met with EPA staff to further elaborate on these needs, discuss the status of EPA's efforts to establish Federal guidance, and explore ways of cooperating and working together to develop such guidance. To date, EPA has established an Interagency Working Group on Residual Radioactivity (NRC is represented on this group by Mr. Robert E. Alexander) for the purpose of developing Federal guidance for the release for unrestricted use of buildings and land in conjunction with decommissioning nuclear facilities. This effort has been underway for about a year but very little progress has been made to date due to higher priorities and limited resources at EPA. EPA staff indicated, however, that their efforts will probably be significantly increased. Another effort underway at EPA is the development of limits "Below Regulatory Concern" for unrestricted waste disposal of radioactive material. EPA plans to publish an Advance Notice of Proposed Rulemaking on this issue in early 1986. Additional meetings were planned to further explore ways of expediting action regarding the development of Federal guidelines.

ENCLOSURE E

JUL 12 1985

Meeting on Seismic Hazard in Eastern US

On July 9, a meeting was held to allow EPRI, LLNL, and the U.S. Geological Survey to present preliminary results from their individual efforts to characterize the seismic hazard in the eastern United States. This was NRC's first opportunity to see EPRI's preliminary results and to compare them with the published results from the LLNL study supported by RES and NRR. The seismic hazard curves from the LLNL and EPRI studies varied from very close for several test sites to differing by a factor of two or three for others. There appears to be significant sensitivity in both studies to the ground motion propagation model selected in the analysis. NRR is supporting continuing efforts by LLNL to understand the similarities and differences between the LLNL and the EPRI studies.

CONTAIN CODE

A two-day seminar and workshop was held at the Phillips Building July 8-9, 1985, to provide NRC staff, research-contractor personnel, and other users of the CONTAIN Code with an overview of the current code capabilities and a demonstration of its application. Three members of the Sandia Laboratory CONTAIN Code development staff reviewed the phenomenological models and operational features. All necessary modules needed to analyze PWR containment loading under severe accident conditions are operational. The BWR analysis capability will be available within 1-2 months following testing of the suppression pool model. The CONTAIN Code has been established at the Brookhaven Laboratory computing facility and in NRC at RM/DSS by providing a terminal. Representative test cases formulated by the participants were run and analyzed during the workshop. In addition to NRC staff, the participants included representatives from three national laboratories and two architectural-engineering firms.

JUL 12 1985

ENCLOSURE E

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING JULY 12, 1985

International Visitors

On Wednesday Mr. Finetti, Head of Human Factors Service at Italy's ENEA, held a one-day series of meetings with several members of NRR, RES, and IE on a wide range of human factors subjects.

On Thursday two members of the German safety research organization GRS, Messrs. E. J. Kersting and G. R. Reichart, visited NRC to make presentations on the current status and future work at GRS on accident management and human factors activities. Mr. Kersting, group leader of the severe accident analysis branch, talked about accident mitigation and prevention studies, and Mr. Reichart, group leader in the reliability department, talked about ergonomics, human reliability and operator support systems. Staff from NRR, RES, IE, AEOD and ACRS attended the presentations and participated in discussions.

On Thursday James Taylor, Director, IE, and members of his staff met with representatives from the French manufacturing company Framatome to hear a presentation on Framatome's participation in the French nuclear power program, their Quality Assurance program, and plans to submit a topical report for NRC's review. Framatome is preparing to enter the U.S. nuclear market by initially offering replacement parts and other services. Representatives from NRR, ELD, and IP also attended the meeting.

Interagency Task Force on Nuclear Exports

On Tuesday representatives from the State Department, DE and DOC met with representatives from IP to discuss the official formation of the Interagency Task Force on Nuclear Exports at the Nuclear Power Assembly which was formally announced May 7, 1985 by Deputy Secretary of Commerce Brown. This task force has met informally over the past two years and the NRC has participated in these meetings in an observer status. One of the main objectives of this group is to form a more unified focal point for export assistance and problem resolution within the Federal Government for the U.S. nuclear industry.

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING JULY 12, 1985

American Bar Association Meeting on Price-Anderson

On July 10, 1985, Ira Dinitz and Jerome Saltzman (OSP) attended a session of the American Bar Association Conference in Washington, D.C. devoted to the Price-Anderson Act, Superfund and other related legislation. Senator Simpson (WY) and Representative Udall (AZ) both discussed the Congressional consideration of the Price-Anderson renewal including the 1983 NRC proposals in NUREG-0957.

Program Reviews

New York Department of Labor and Kansas radiation control programs will be reviewed July 22-26, 1985.

ENCLOSURE H

JUL 12 1985

DEPUTY EXECUTIVE DIRECTOR FOR
REGIONAL OPERATIONS AND GENERIC REQUIREMENTS
(DEDROGR)

Week Ending July 12, 1985

CRGR

Attached is a summary of the CRGR activities for the period May 1 through June 30, 1985. Background material on topics reviewed by the Committee and the minutes of CRGR meetings are sent to the Commission. Copies are provided to the Public Document Room after the NRC has considered (in a public forum) or decided the matter addressed by the documents. Questions concerning this monthly report should be referred to Walt Schwink (492-8639).

ENCLOSURE M

SUMMARY OF CRGR ACTIVITIES
(May 1 through June 30, 1985)

Meeting No. Meeting Date (Announcement Date)	Agenda	CRGR Status	CRGR Recommendation to EDO	EDO Action
77	Review, Proposed Revision to 10 CFR Part 50, of Appendix J (Primary Reactor Containment Leakage Testing for Water Cooled Power Reactors and Related RG (Task No. MS 021-5) -Sponsoring Office - RES -Category 2 Item -Issue #111	Pending	No recommendation at this time. This issue will be continued at the next CRGR Meeting. (No. 78, scheduled for July 8, 1985)	None required at this time.
76 5/29/85	Review, Proposed Regulatory Guide (IC 609-5) "Criteria for Power, Instrumentation, and Control Portions of Safety Systems -Sponsoring Office - RES -Category 2 Item -Issue #116	Pending	CRGR recommended issuance of the RG after modification and after the CRGR Chairman has reviewed the revised version to determine if further CRGR review is needed.	No action required at this time.
	Briefing, Proposed Revision to 10 CFR Part 50 of Appendix J (Primary Reactor Containment Leakage Testing for Water-Cooled Power Reactors) -Sponsoring Office - RES -Category 2 Item -Issue #111	Pending	No CRGR recommendation necessary at this time. The CRGR will review this item at CRGR Meeting No. 77.	None required at this time.

ENCLOSURE M

JUL 12 1985

NRR MEETING NOTICES*

JULY 12, 1985

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
7/16/85 8:30 am	50-354	Hope Creek Site Lower Alloways Creek Township, NJ	Discussion of the PSE&G organizational structure	Public Service Elec. & Gas Co.	D. Wagner
7/16/85 12:30 pm	50-387/ 388	P-118 Bethesda	To discuss Detailed Control Design Review Report sub- mitted by PP&L for Susquehanna 1&2	Pennsylvania Power & Light Co.	M. J. Campagnone
7/16/85 10:00 am	50-271	P-110 Bethesda	To discuss Fire Protection	Vermont Yankee	R. Hermann
7/16/85 9:00 am		P-422 Bethesda	To discuss B&W Owners Group comments re draft NUREG-0844 on staff's proposed technical resolution of steam generator USIs	B&W SG Owners Group	E. Murphy
7/16/85 10:00 am	50-338 50-339	Westinghouse Off. Bethesda	VEPCO will discuss its quality work crew concept and pilot maintenance crew implementation	VEPCO (North Anna)	L. Engle

PLEASE BE ADVISED THAT DAILY RECORDING CAN BE HEARD ON 492-7166

*Copies of summaries of these meetings will be made publicly available and placed in the respective docket file(s) in the NRC and local public document rooms.

ENCLOSURE P

JUL 12 1985

NRR MEETING NOTICES*

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
7/16-17/85 10:00 am		AIF Offices 1747 Penn. Ave. Washington, DC	Generic Applicability and Plant Specific Analysis	IDCOR	T. Speis
7/17/85 10:00 am	50-244	P-114 Bethesda	To discuss NRC staff's recom- mendation of neutron fluence to be used in Surveillance Capsule T calculations in assessing radiation damage to the reactor vessel	Rochester Gas & Elec. (Ginna)	C. Miller
7/17/85 10:00 am	50-321 50-366	Region II Atlanta, Ga.	To discuss GPC plans related to Hatch 1&2 and the status of licensing activities	Georgia Power Co.	G. Rivenbark
7/17-18/85 9:00 am	50-410	Nine Mile Pt. Scriba, NY	Audit of the Safety Parameter Display System	Niagara Mohawk Power	M. Haughey
7/19/85 8:30 am	50-445 50-446	Flagship Inn 601 Avenue H East Arlington, TX	NRC/Applicant meeting to dis- cuss Applicants' Program Plan for Comanche Peak	Texas Utilities	A. Vietti
7/23/85 9:00 am	50-249	P-422 Bethesda	To discuss details of reactor coolant system piping replace- ment program for Dresden 3	Commonwealth Edison	R. Gilbert

ENCLOSURE P

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JUL 12 1985

NRR MEETING NOTICES*

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>APPLICANT/ ATTENDEES</u>	<u>NRR CONTACT</u>
7/25/85		P-422 Bethesda	Quarterly Meeting of the EPRI Light Water Reactor Steering Committee and NRC Policy Committee to assess progress and provide guidance for the EPRI LWR Standardized Plant Design Evaluation Program	Electric Power Research Inst. AIF	D. Moran
7/25/85 1:30 pm	50-250 50-251	MNBB-6110 Bethesda	Discussions related to method- ologies and processes used for establishing priorities and schedules	Florida Power & Light (Turkey Point)	D. McDonald
7/26/85 9:00 am		P-422 Bethesda	To discuss results of revised Methodology for Generic Analysis related to "Westinghouse Long Term Ice Condenser Containment Code"	Westinghouse	D. Moran

PLEASE BE ADVISED THAT DAILY RECORDING CAN BE HEARD ON 492-7166

*Copies of summaries of these meetings will be made publicly available and placed in the respective docket file(s) in the NRC and local public document rooms.

ENCLOSURE P

NMSS MEETING NOTICES

FOR WEEK ENDING: 7/17/85

Division of Fuel Cycle and Material Safety

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
7/15/85 3:00 pm		Willste Room 562	Discuss radioactive material in scrap metal.	Dr. Cutler (VP of American Scrap Iron Institute) R. Cunningham (FC) S. Baggett (FC) N. McElroy (FC)	Cunningham
7/15/85 9:00-11:00 am	71-9102	Willste	Discuss change of material for existing cask design.	Reps of Neutron Products H. Lee (FC) R. Odegarden (FC)	Odegarden
7/16/85 8:30 am	Project M-38	Willste Room 517	To review applicability of existing and proposed guides to MRS safety.	Reps of DOE E. Parsons (EBASCO) T. Clark (FC) N. Davison (FC)	Clark
7/18/85 9:00 am	Docket 72-2	Willste Room 517	To discuss license application for an independent spent fuel storage installation at VEPCO Surry.	Reps of VEPCO J. Roberts (FC) F. Sturz (FC)	Roberts
7/23/85 2:00 pm		Albuquerque, NM	Participate in N14 Management Committee Meeting.	C. MacDonald (FC)	MacDonald
7/24/85 1:00 pm		Chicago, IL	Attend ASME Task Group Meeting.	C. MacDonald (FC)	MacDonald

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ENCLOSURE P

JUL 12 1985

NMSS MEETING NOTICES
DIVISION OF WASTE MANAGEMENT

July 11, 1985

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICATION</u>	<u>MRC CONTACT</u>
July 31, 1985		DOE, HQ, Forrestal 1000 Independence Ave. Washington, DC Room 4E069	To discuss and clarify DOE positions on retrievability and retrieval and to reach agreement where possible	JPearring NTanious JGreeves HMiller JDaemen, SNL KWahi, SNL SBhattachanya, EI TRajaram, EI RCummings, EI Mfrei, DOE JRhoderick, DOE VLowery, DOE DOE Projects Personnel	MDunkelman, WMRP

DIVISION OF SAFEGUARDS

None

ENCLOSURE P

JUL 12 1985

OSP MEETING NOTICES

July 12, 1985

DATE/TIME

LOCATION

PURPOSE

ATTENDEES

NRC CONTACT

7/22/85

Biloxi, MS

Speak to Annual
Meeting of Southern
Legislative Conf.
on Transportation of
Nuclear Material

Legislators of
17 Southern
Jurisdictions

WKerr

ENCLOSURE P

July 12, 1985

RII MEETING NOTICE

<u>DATE/TIME</u>	<u>DOCKET NUMBER</u>	<u>LOCATION</u>	<u>PURPOSE</u>	<u>ATTENDEES/ APPLICANT</u>	<u>NRC CONTACT</u>
07/18/85 10:00 am		RII Office	Enforcement Conference - Virginia Electric and- Power Company - North Anna facility	Licensee, Regional Administrator and selected RII staff members	Walker

ENCLOSURE P

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REGION III MEETING NOTICES

WEEK ENDING:

DATE/TIME	DOCKET NUMBER	LOCATION	PURPOSE	ATTENDEES/ APPLICANT	NRC CONTACT
7/22/85 1:00 p.m.	50-454 50-455	Glen Ellyn, IL	Enforcement Conf. Byron	Commonwealth Edison J.G. Keppler & staff	J.G. Keppler

ENCLOSURE P