

JUN 14 1984

Docket Nos. 50-317  
and 50-318

Mr. A. E. Lundvall, Jr.  
Vice President - Supply  
Baltimore Gas & Electric Company  
P. O. Box 1475  
Baltimore, Maryland 21203

Dear Mr. Lundvall:

SUBJECT: ORDER CONFIRMING LICENSEE COMMITMENTS ON EMERGENCY RESPONSE  
CAPABILITY SCHEDULES (GENERIC LETTER 82-33)

CALVERT CLIFFS UNITS 1 AND 2

The Commission has issued the enclosed Order confirming your commitments on emergency response capability. This Order is based on your letters dated April 15, 1983, July 22, 1983, and November 18, 1983, committing to the actions specified in the Order.

A copy of this Order is being filed with the Office of the Federal Register for publication.

Sincerely,

Original Signed by J. R. Miller

James R. Miller, Chief  
Operating Reactors Branch #3  
Division of Licensing

Enclosure:  
Order

cc w/enclosure:  
See next page

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\*See previous page for concurrences.

OFFICE	ORB#3:DL*	ORB#3:DL*	ORB#5:DL*	ORB#3:DL*	AD:OR:DL*	OELD*	D:DL
SURNAME	PMKreutzer	DJaffe/pn	DCrutchfield	RAClark	GCLainas		DGEisenhut
DATE	7/26/83	7/26/83	7/28/83	7/29/83	8/1/83	8/2/83	8/12/83

Mr. A. E. Lundvall

- 2 -

A copy of this Order is being filed with the Office of the Federal Register for publication.

Sincerely,

Robert A. Clark, Chief  
Operating Reactors Branch #3  
Division of Licensing

Enclosure:  
Order

cc w/enclosure:  
See next page

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

June 14, 1984

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ORB#3 Rdg  
PMKreutzer

DOCKET No. 50-317/318

MEMORANDUM FOR: Docketing and Service Branch  
Office of the Secretary of the Commission

FROM: Office of Nuclear Reactor Regulation

SUBJECT: BALTIMORE GAS AND ELECTRIC COMPANY, Calvert Cliffs Nuclear Power Plant,  
Unit Nos. 1 and 2

One signed original of the *Federal Register* Notice identified below is enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies ( 6 ) of the Notice are enclosed for your use.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Consideration of Issuance of Amendment to Facility Operating License.
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Order.
- Exemption.
- Notice of Granting of Relief.
- Other: \_\_\_\_\_

Division of Licensing, ORB#3  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

OFFICE	ORB#3:DL					
SURNAME	PMKreutzer/pn					
DATE	6/14/84					

OFFICIAL RECORD COPY

**Baltimore Gas and Electric Company**

**CC:**

James A. Biddison, Jr.  
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Baltimore Gas and Electric Company  
P. O. Box 1475  
Baltimore, MD 21203

George F. Trowbridge, Esquire  
Shaw, Pittman, Potts and Trowbridge  
1800 M Street, N. W.  
Washington, D. C. 20036

Mr. R. C. L. Olson, Principal Engineer  
Nuclear Licensing Analysis Unit  
Baltimore Gas and Electric Company  
Room 922 - G&E Building  
P. O. Box 1475  
Baltimore, MD 21203

Mr. Leon B. Russell  
Plant Superintendent  
Calvert Cliffs Nuclear Power Plant  
Maryland Routes 2 & 4  
Lusby, MD 20657

Bechtel Power Corporation  
Attn: Mr. J. C. Ventura  
Calvert Cliffs Project Engineer  
15740 Shady Grove Road  
Gaithersburg, MD 20760

Combustion Engineering, Inc.  
Attn: Mr. R. R. Mills, Manager  
Engineering Services  
P. O. Box 500  
Windsor, CT 06095

Mr. R. M. Douglass, Manager  
Quality Assurance Department  
Baltimore Gas & Electric Company  
Fort Smallwood Road Complex  
P. O. Box 1475  
Baltimore, MD 21203

Mr. S. M. Davis, General Supervisor  
Operations Quality Assurance  
Calvert Cliffs Nuclear Power Plant  
Maryland Routes 2 & 4  
Lusby, MD 20657

Ms. Mary Harrison, President  
Calvert County Board of County Commissioners  
Prince Frederick, MD 20768

U. S. Environmental Protection Agency  
Region III Office  
Attn: Regional Radiation Representative  
Curtis Building (Sixth Floor)  
Sixth and Walnut Streets  
Philadelphia, PA 19106

Mr. Ralph E. Architzel  
Resident Reactor Inspector  
NRC Inspection and Enforcement  
P. O. Box 437  
Lusby, MD 20657

Mr. Charles B. Brinkman  
Manager - Washington Nuclear Operations  
Combustion Engineering, Inc.  
7910 Woodmont Avenue  
Bethesda, MD 20814

Mr. J. A. Tiernan, Manager  
Nuclear Power Department  
Calvert Cliffs Nuclear Power Plant  
Maryland Routes 2 & 4  
Lusby, MD 20657

Mr. W. J. Lippold, Supervisor  
Nuclear Fuel Management  
Baltimore Gas and Electric Company  
Calvert Cliffs Nuclear Power Plant  
P. O. Box 1475  
Baltimore, Maryland 21203

Mr. R. E. Denton, General Supervisor  
Training & Technical Services  
Calvert Cliffs Nuclear Power Plant  
Maryland Routes 2 & 4  
Lusby, MD 20657

Administrator, Power Plant Siting Program  
Energy and Coastal Zone Administration  
Department of Natural Resources  
Tawes State Office Building  
Annapolis, MD 21204

Regional Administrator  
Nuclear Regulatory Commission, Region I  
Office of Executive Director for Operations  
631 Park Avenue

Enclosure

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of

BALTIMORE GAS AND ELECTRIC  
COMPANY

(Calvert Cliffs Nuclear Power Plant  
Unit Nos. 1 and 2)

}  
} Docket Nos. 50-317  
} and 50-318  
}

ORDER CONFIRMING LICENSEE COMMITMENTS  
ON EMERGENCY RESPONSE CAPABILITY

I.

The Baltimore Gas and Electric Company (BG&E) is the holder of Facility Operating License Nos. DPR-53 and DPR-69 which authorizes the operation of the Calvert Cliffs Nuclear Power Plant, Unit No. 1 and 2, at steady-state power levels not in excess of 2700 megawatts thermal. The facility comprises two pressurized water reactors located in Calvert County, Maryland.

II.

Following the accident at Three Mile Island Unit No. 2 (TMI-2) on March 28, 1979, the Nuclear Regulatory Commission (NRC) staff developed a number of proposed requirements to be implemented on operating reactors and on plants under construction. These requirements include Operational Safety, Siting and Design, and Emergency Preparedness and are intended to provide substantial additional protection in the operation of nuclear facilities and significant upgrading of emergency response capability based on the experience from the accident at TMI-2 and the official studies and investigations of the

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accident. The requirements are set forth in NUREG-0737, "Clarification of TMI Action Plan Requirements," and in Supplement 1 to NUREG-0737, "Requirements for Emergency Response Capability." Among these requirements are a number of items consisting of emergency response facility operability, emergency procedure implementation, addition of instrumentation, possible control room design modifications, and specific information to be submitted.

On December 17, 1982, a letter (Generic Letter 82-33) was sent to all licensees of operating reactors, applicants for operating licenses, and holders of construction permits enclosing Supplement 1 to NUREG-0737. In this letter operating reactor licensees and holders of construction permits were requested to furnish the following information, pursuant to 10 CFR 50.54(f), no later than April 15, 1983:

- (1) A proposed schedule for completing each of the basic requirements for the items identified in Supplement 1 to NUREG-0737, and
- (2) A description of plans for phased implementation and integration of emergency response activities including training.

### III.

BG&E responded to Generic Letter 82-33 by letter dated April 15, 1983. By letter dated July 22, 1983, BG&E modified several dates as a result of negotiations with the NRC staff. In these submittals, BG&E made commitments to complete the basic requirements. The attached Table summarizing BG&E's schedular commitments or status was developed by the NRC staff from the Generic Letter and the information provided by BG&E.

BG&E's commitments include (1) dates for providing required submittals to the NRC, (2) dates for implementing certain requirements, and (3) a schedule for providing implementation dates for other requirements. These latter implementation dates will be reviewed, negotiated and confirmed by a subsequent order.

The NRC staff reviewed BG&E's April 15, 1983 letter and entered into negotiations with the licensee regarding schedules for meeting the requirements of Supplement 1 to NUREG-0737. As a result of these negotiations, the licensee modified certain dates by letters dated July 22 and November 18, 1983. The NRC staff finds that the modified dates are reasonable, achievable dates for meeting the Commission requirements. The NRC staff concludes that the schedule proposed by the licensee will provide timely upgrading of the licensee's emergency response capability.

In view of the foregoing, I have determined that the implementation of BG&E's commitments are required in the interest of the public health and safety and should, therefore, be confirmed by an immediately effective Order.

#### IV.

Accordingly, pursuant to Sections 103, 161i, 161o and 182 of the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Parts 2 and 50, IT IS HEREBY ORDERED, EFFECTIVE IMMEDIATELY, THAT the licensees shall:

Implement the specific items described in the Attachment to this ORDER in the manner described in BG&E's submittals noted in Section III herein no later than the dates in the Attachment.

Extensions of time for completing these items may be granted by the Director, Division of Licensing, for good cause shown.

V.

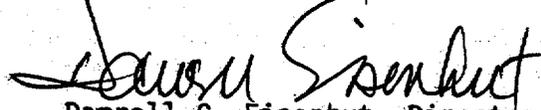
BG&E may request a hearing on this Order within 20 days of the date of publication of this Order in the Federal Register. Any request for a hearing should be addressed to the Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. A copy should also be sent to the Executive Legal Director at the same address. A REQUEST FOR HEARING SHALL NOT STAY THE IMMEDIATE EFFECTIVENESS OF THIS ORDER.

If a hearing is to be held, the Commission will issue an Order designating the time and place of any such hearing.

If a hearing is held concerning this Order, the issue to be considered at the hearing shall be whether the licensee should comply with the requirements set forth in Section IV of this Order.

This Order is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland,  
this 14th day of June, 1984.

Attachment:  
Licensee's Commitments on  
Requirements Specified in  
Supplement 1 to NUREG-0737

LICENSEE'S COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

TITLE	REQUIREMENT	LICENSEE'S COMPLETION SCHEDULE (OR STATUS)*
1. Safety Parameter Display System (SPDS)	1a. Submit a safety analysis and an implementation plan to the NRC.	June 1, 1984
	1b. SPDS fully operational and operators trained.	October 1, 1986 for Unit 2 October 1, 1987 for Unit 1
2. Detailed Control Room Design Review (DCRDR)	2a. Submit a program plan to the NRC.	Complete
	2b. Submit a summary report to the NRC including a proposed schedule for implementation.	January 1, 1985
3. Regulatory Guide 1.97 - Application to Emergency Response Facilities	3a. Submit a report to the NRC describing how the requirements of Supplement 1 to NUREG-0737 have been or will be met.	December 1, 1984
	3b. Implement (installation or upgrade) requirements.	Provide schedule by December 1, 1984

\* The dates specified are for Units 1 and 2 unless otherwise stated.

LICENSEE'S COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

TITLE	REQUIREMENT	LICENSEE'S COMPLETION SCHEDULE (OR STATUS) *
4. Upgrade Emergency Operating Procedures (EOPs)	4a. Submit a Procedures Generation Package to the NRC.	Complete
	4b. Implement the upgraded EOPs. (Provide Schedule)	Complete
5. Emergency Response Facilities	5a. Technical Support Center fully functional.	Complete
	5b. Operational Support Center fully functional.	Complete
	5c. Emergency Operations Facility fully functional.	Complete

\*The dates specified are for Units 1 and 2 unless otherwise stated.