

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of	}	
BALTIMORE GAS AND ELECTRIC	}	Docket Nos. 50-317
COMPANY	}	and 50-318
(Calvert Cliffs Nuclear Power Plant	}	
Unit Nos. 1 and 2)	}	

ORDER MODIFYING LICENSE CONFIRMING ADDITIONAL 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 authorize the operation of the Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2, at steady-state power levels not in excess of 2700 megawatts thermal. The facility consists of 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 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

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requirements are a number of items consisting of emergency response facility operability, emergency procedure implementation, addition of instrumentation, possible control room design modification, 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 letters dated July 22, 1983 and November 18, 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. BG&E's commitments included (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. The staff found that these dates were reasonable and achievable dates for meeting the Commission requirements and concluded that the schedule proposed by the licensee would provide timely upgrading of the licensee's emergency response capability. On June 14, 1984, the NRC issued "Order Confirming

Licensee Commitments on Emergency Response Capability" which confirmed BG&E's commitments.

IV.

The June 14, 1984 Order stated that, for those requirements for which BG&E committed to a schedule for providing implementation dates, those dates would be reviewed, negotiated and confirmed by a subsequent order. The June 14, 1984 Order, as supplemented by BG&E's letters dated December 1, 1984 and June 19, 1985, provided completion schedules for the following requirements:

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|---|--|
| 1. Regulatory Guide 1.97 -<br>Application to Emergency Response<br>Facilities | 1b. Implement (installation or<br>upgrade) requirements. |
| 2. Upgrade Emergency Operating<br>Procedures (EOPs)                           | 2b. Implement the upgraded EOPs                          |

The attached Table summarizing BG&E's schedular commitments for the above items was developed by the NRC staff from the information provided by BG&E. The staff reviewed BG&E's December 1, 1984 and June 19, 1985 letters and discussed the dates with the licensee.

The NRC staff finds that these dates are reasonable and 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.

V.

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.

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 2.204 and 10 CFR Part 50, IT IS HEREBY ORDERED, EFFECTIVE IMMEDIATELY, THAT licenses DPR-53 and DPR-69 are modified to provide that the licensee shall:

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

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

VI.

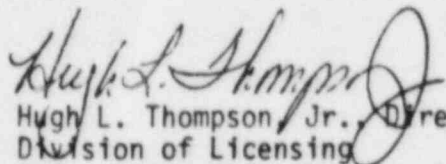
The licensee or any person with an adversely affected interest may request a hearing on this Order within 20 days of the date of publication of this Order in the Federal Register. Any request for a hearing should be addressed to the Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. A copy should 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 V of this Order.

This Order is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Hugh L. Thompson, Jr., Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Dated in Bethesda, Maryland  
this 16<sup>th</sup> day of July 1985.

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

CALVERT CLIFFS UNITS 1 AND 2  
LICENSEE'S ADDITIONAL COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

TITLE	REQUIREMENTS	LICENSEE'S COMPLETION SCHEDULE
1. Regulatory Guide 1.97 - Application to Emergency Response Facilities	1b. Implement (installation or upgrade) requirement	Unit 1 - Prior to startup following the Cycle 10 refueling outage (estimated to be Spring 1988.)  Unit 2 - Prior to startup following the Cycle 9 refueling outage (estimated to be Fall 1988.)
2. Upgrade Emergency Operating Procedures (EOPs)	2b. Implement the upgraded EOPs.	December 1985