



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

April 20, 1994

Docket Nos. 50-317  
and 50-318

Mr. Robert E. Denton  
Vice President - Nuclear Energy  
Baltimore Gas and Electric Company  
Calvert Cliffs Nuclear Power Plant  
1650 Calvert Cliffs Parkway  
Lusby, Maryland 20657-4702

Dear Mr. Denton:

SUBJECT: ISSUANCE OF AMENDMENTS FOR CALVERT CLIFFS NUCLEAR POWER PLANT,  
UNIT NO. 1 (TAC NOS. M77337 AND M77407) AND UNIT NO. 2 (TAC NOS.  
M77338 AND M77408)

The Commission has issued the enclosed Amendment No. 188 to Facility Operating License No. DPR-53 and Amendment No. 165 to Facility Operating License No. DPR-69 for the Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2, respectively. The amendments consist of changes to the Technical Specifications (TSs) in response to your application transmitted by letter dated September 1, 1992, as supplemented March 17, 1994.

The amendments revise TS 3/4.4.3, "Relief Valves," to improve the reliability of the reactor coolant system's power-operated relief valves (PORVs) and their associated block valves for overpressure protection during normal operation and anticipated transients. The amendments also revise TS 3/4.4.9, "Pressure/Temperature Limits," to improve the availability of the PORVs for low temperature overpressure protection. Accompanying changes are also made to the associated TS Bases. These revisions were made in response to Generic Letter (GL) 90-06, "Resolution of Generic Issue 70, 'Power-Operated Relief Valve and Block Valve Reliability,' and Generic Issue 94, 'Additional Low-Temperature Overpressure Protection for Light-Water Reactors,' pursuant to 10 CFR 50.54 (f)."

A copy of the related Safety Evaluation (SE) is enclosed. A Notice of Issuance will be included in the Commission's next regular biweekly Federal Register notice.

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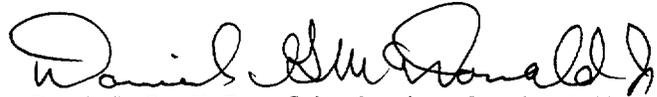
Mr. Robert E. Denton

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April 20, 1994

The enclosed SE also documents our evaluations of your other responses to GL 90-06. As discussed in the SE, we have concluded that your responses to GL 90-06 are acceptable. This completes all staff actions under TAC Nos. M77337, M77338, M77407, and M77408.

Sincerely,



Daniel G. McDonald, Senior Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 188 to DPR-53
2. Amendment No. 165 to DPR-69
3. Safety Evaluation

cc w/enclosures:  
See next page

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**DUE TO REPRODUCTION ERRO THESE PAGES WERE LEFT OUT OF  
CALVERT CLIFFS 1/2 AMENDMENT NOS. 188 AND 165**

DATED: April 20, 1994

AMENDMENT NO. 188 TO FACILITY OPERATING LICENSE NO. DPR-53-CALVERT CLIFFS  
UNIT 1  
AMENDMENT NO. 165 TO FACILITY OPERATING LICENSE NO. DPR-69-CALVERT CLIFFS  
UNIT 2

Docket File  
NRC & Local PDRs  
PDI-1 Reading  
S. Varga, 14/E/4  
J. Calvo, 14/A/4  
R. Capra  
C. Vogan  
D. McDonald  
OGC  
D. Hagan, 3302 MNBB  
C. Liang, 8/E/23  
G. Hill (4), P1-22  
C. Grimes, 11/F/23  
J. Menning  
ACRS (10)  
OPA  
OC/LFDCB  
PD plant-specific file  
C. Cowgill, Region I  
R. Jones, 8/E/23  
D. Pickett, 13/D/1  
C. Hammer, 7/E/23  
J. Norberg, 7/E/23  
  
cc: Plant Service list

~~9404280256~~ 4pp.



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

BALTIMORE GAS AND ELECTRIC COMPANY

DOCKET NO. 50-317

CALVERT CLIFFS NUCLEAR POWER PLANT UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 188  
License No. DPR-53

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Baltimore Gas and Electric Company (the licensee) dated September 1, 1992, as supplemented March 17, 1994, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-53 is hereby amended to read as follows:

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(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No.188 , are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION



Robert A. Capra, Director  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: April 20, 1994



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

BALTIMORE GAS AND ELECTRIC COMPANY

DOCKET NO. 50-318

CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 165  
License No. DPR-69

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Baltimore Gas and Electric Company (the licensee) dated September 1, 1992, as supplemented March 17, 1994, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.2 of Facility Operating License No. DPR-69 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 165, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION



Robert A. Capra, Director  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: April 20, 1994

ATTACHMENT TO LICENSE AMENDMENTS

AMENDMENT NO. 188 FACILITY OPERATING LICENSE NO. DPR-53

AMENDMENT NO. 165 FACILITY OPERATING LICENSE NO. DPR-69

DOCKET NOS. 50-317 AND 50-318

Revise Appendix A, DPR-53, as follows:

Remove Pages

Table of Contents, Page IV  
Table of Contents, Page V  
Table of Contents, Page X  
Table of Contents, Page XI  
3/4 4-7  
3/4 4-8 - 3/4 4-31\*  
3/4 4-32 - 3/4 4-34  
3/4 4-35 - 3/4 4-42\*  
B 3/4 4-2  
B 3/4 4-3  
B 3/4 4-4 - B 3/4 4-10\*  
B 3/4 4-11  
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Insert Pages

Table of Contents, Page IV  
Table of Contents, Page V  
Table of Contents, Page X  
Table of Contents, Page XI  
3/4 4-7 - 3/4 4-8  
3/4 4-9 - 3/4 4-32\*  
3/4 4-33 - 3/4 4-35  
3/4 4-36 - 3/4 4-43\*  
B 3/4 4-2  
B 3/4 4-3  
B 3/4 4-4 - B 3/4 4-10\*  
B 3/4 4-11  
B 3/4 4-12

Revise Appendix A, DPR-69, as follows:

Remove Pages

Table of Contents, Page IV  
Table of Contents, Page V  
Table of Contents, Page X  
Table of Contents, Page XI  
3/4 4-7  
3/4 4-8 - 3/4 4-31\*  
3/4 4-32 - 3/4 4-34  
3/4 4-35 - 3/4 4-41\*  
B 3/4 4-2  
B 3/4 4-3  
B 3/4 4-4 - B 3/4 4-9\*  
B 3/4 4-10  
B 3/4 4-11\*

Insert Pages

Table of Contents, Page IV  
Table of Contents, Page V  
Table of Contents, Page X  
Table of Contents, Page XI  
3/4 4-7 - 3/4 4-8  
3/4 4-7 - 3/4 4-32\*  
3/4 4-33 - 3/4 4-35  
3/4 4-36 - 3/4 4-42\*  
B 3/4 4-2  
B 3/4 4-3  
B 3/4 4-4 - B 3/4 4-9\*  
B 3/4 4-10  
B 3/4 4-11\*

\*These pages are text rollover pages with no changes as the result of this amendment.

Mr. Robert E. Denton

- 2 -

April 20, 1994

The enclosed SE also documents our evaluations of your other responses to GL 90-06. As discussed in the SE, we have concluded that your responses to GL 90-06 are acceptable. This completes all staff actions under TAC Nos. M77337, M77338, M77407, and M77408.

Sincerely,

Daniel G. McDonald, Senior Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

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cc w/enclosures:  
See next page

OFFICE	PDI-1:LA	PDI-1:PM	PDI-1:PM	EMEB	SRXB
NAME	CVogan	JMenning	DMcDonald	JNorberg	RJones
DATE	3/30/94	3/18/94	03/17/94	3/13/94	3/23/94
OFFICE	OGC	PDI			
NAME	CHOLLER	RACAPRA			
DATE	4/17/94	4/19/94			

OFFICIAL RECORD COPY  
FILENAME: G:\CC1-2\CC77337.AMD