

bcc: J. R. Buchanan, ORNL  
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SEP 25 1974

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Docket No. 50-317

Baltimore Gas and Electric Company  
ATTN: Mr. John W. Gore, Jr.  
Vice President  
Gas and Electric Building  
Charles Center  
Baltimore, Maryland 21203

Amendment No. 2  
Change No. 2  
License No. DPR-53

Gentlemen:

Calvert Cliffs Unit 1 Technical Specification 4.5.B.5 states the following with respect to leak testing of containment personnel access hatches:

"Air locks shall be tested at 6-month intervals. However when containment integrity is required, air locks which are opened during such intervals shall be tested after each opening or every three days, whichever interval is longer."

In a conversation on September 9, 1974, Mr. D. Ward of BG&E informed G. Rivenbark, the Regulatory staff's Licensing Project Manager for Calvert Cliffs, that the air locks are tested, by pressurizing the space between the two air lock doors and that a hardback must be placed on the containment side of the inner door to perform this test. After the test, the door must be opened to remove the hardback. He expressed the opinion that while the test performed at 6-month intervals requires the testing of the air lock by pressurizing the space between the two doors, the test required following each opening of the air lock should be interpreted to be a test of the door seals that is performed by pressurizing the space between the double seals on each door, rather than a test of the air lock involving the use of a hardback that must be removed following the test. Otherwise, when the door is opened to remove the hardback, the Technical Specification would require the test to be repeated, and leak testing would have to be performed every 3 days throughout the life of the plant.

BG&E, by letter to Mr. Muntzing dated September 12, 1974, requested the wording of this Technical Specification to be changed to specifically state that the test following each opening of the air lock is to be a test of the perimeter seals on the air lock doors.

LB

It was our original intention that the test following each opening of the air lock doors would be accomplished by pressurizing the space between the two seals on each door to assure that the seals had not been damaged when the door was opened and that the test of the air locks that is to be performed every six months would be accomplished by pressurizing the space between the two air lock doors.

Since the modification proposed clarifies the original intent of this specification, we find that the proposed modification has no safety significance and we conclude that there is no significant safety hazard consideration associated with changing the Technical Specification to require leak testing the door seals rather than the air locks following the opening of the air lock doors.

We are hereby amending License No. DPR-53 to change Specification 4.5.B.5 to require that the air lock door perimeter seals rather than the air lock be tested after each opening or every three days, whichever interval is longer. The amended Technical Specification is presented as Change No. 2 to the Technical Specification and is attached to the enclosed Amendment No. 2 to the Calvert Cliffs Unit 1 Operating License. A copy of Federal Register Notice of this Amendment is also enclosed.

Sincerely,

Original Signed by  
O. D. Parr

R. C. DeYoung, Assistant Director  
for Light Water Reactors, Group 1  
Directorate of Licensing

Enclosures:

- 1. Amendment No. 2 to DPR-53
- 2. Federal Register Notice

cc: Mr. James A. Biddison, Jr.  
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Gas and Electric Building  
Charles Center  
Baltimore, Maryland 21203

James C. Cawood, Jr., Esq.  
Vice President  
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SURNAME ▶		GRivenbark	ODParr	R. Kinsey	RCDeYoung
DATE ▶		9/18/74	9/18/74	9/24/74	9/18/74

Baltimore Gas and Electric - 3 -  
Company

SEP 25 1974

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Baltimore, Maryland 21201

Mr. Bernard Fowler, President  
Board of County Commissioners  
Prince Frederick, Maryland 20678

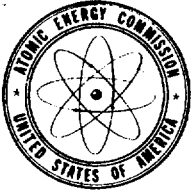
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UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

BALTIMORE GAS AND ELECTRIC COMPANY

DOCKET NO. 50-317

CALVERT CLIFFS UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 2  
License No. DPR-53

1. The Atomic Energy Commission (the Commission) having found that:
  - A. The application for amendment by Baltimore Gas and Electric Company (the licensee) dated September 12, 1974, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended, 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. Prior public notice of this amendment is not required since the amendment does not involve a significant hazards consideration.
2. Accordingly, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 2.C.(2) of Facility License No. DPR-53 is hereby amended to read as follows:

"(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 2."

3. This license amendment is effective as of the date of its issuance.

FOR THE ATOMIC ENERGY COMMISSION

**Original signed by**  
**D. B. Vassallo**

R. C. DeYoung, Assistant Director  
for Light Water Reactors, Group 1  
Directorate of Licensing

Attachment:  
Change No. 2 to Appendix A  
Technical Specifications

Date of Issuance: SEP 25 1974

ATTACHMENT TO LICENSE AMENDMENT NO. 2  
CHANGE NO. 2 TO THE TECHNICAL SPECIFICATIONS  
FACILITY OPERATING LICENSE NO. DPR-53  
BALTIMORE GAS AND ELECTRIC COMPANY  
CALVERT CLIFFS UNIT 1  
DOCKET NO. 50-317

Technical Specification 4.5.B.5 is modified to read as follows:

5. Periodic Retest Schedule

Type B tests, except tests for air locks, shall be performed during each reactor shutdown for refueling, but in no case at intervals greater than 2 years. Air lock door seals, including door-operating mechanism penetrations, which are part of the containment pressure boundary shall be tested at 6-month intervals. However, while containment integrity is required, the door perimeter seals of air lock doors that are opened during such intervals shall be tested after each opening or every three days, whichever interval is longer. In any event, the air lock door perimeter seals shall be tested within three days prior to exceeding a cold shutdown condition. For containment penetrations employing a continuous leakage monitoring system, type B tests, except for tests of air locks, may, notwithstanding the test schedule specified under A.6 above, be performed every other reactor shutdown for refueling but in no case at intervals greater than 3 years.

SEP 25 1974

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-317

BALTIMORE GAS AND ELECTRIC COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO

FACILITY OPERATING LICENSE

Notice is hereby given that the U. S. Atomic Energy Commission (the Commission) has issued Amendment No. 2 to Facility Operating License No. DPR-53 issued to Baltimore Gas and Electric Company which revised Technical Specifications for operation of the Calvert Cliffs Nuclear Power Plant, Unit 1, located in Calvert County, Maryland. The amendment is effective as of its date of issuance.

The amendment modifies the Specification to require air lock door perimeter seals rather than the air locks to be tested after each opening of the door or every 3 days whichever interval is longer.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment.

For further details with respect to this action, see (1) the application for amendment, dated September 12, 1974, (2) Amendment No. 2 to License No. DPR-53, with any attachments, and (3) the related safety evaluation contained in the Commission's letter to Baltimore Gas and Electric Company.

All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C., and at the Calvert County Library, Prince Frederick, Maryland 20678.

A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Atomic Energy Commission, Washington, D. C. 20545, Attention: Deputy Director for Reactor Projects, Directorate of Licensing - Regulation.

Dated at Bethesda, Maryland, this 25 day of September 1974.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by  
O. D. Parr

Olan D. Parr, Chief  
Light Water Reactors  
Branch 1-3  
Directorate of Licensing