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SEP 12 1974

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. 1
Change No. 1
License No. DPR-53

Gentlemen:

Mr. R. M. Douglass, Calvert Cliffs Chief Engineer, called G. Rivenbark, the Regulatory staff's Licensing Project Manager for Calvert Cliffs, on September 11, 1974, to request temporary relief from the 24-hour per quarter Technical Specification limit on opening the purge line isolation valves. He stated that his reason for requesting the waiver is that test personnel are required to work inside the containment during the post core load hot functional tests that are currently in progress and the new hot systems are off-gassing causing general discomfort and eye irritation to these personnel. Mr. Douglass requested a waiver to Technical Specification 3.6 that will permit the automatic isolation valves in the containment purge lines to be open continuously throughout the remainder of the post core load hot functional tests.

Mr. Douglass also requested that the requirement for maintaining containment integrity be waived for approximately one hour during the post core load hot functional tests to allow completion of the pre-operational test of the hydrogen purge system (which is required to be completed prior to power escalation tests). This requires opening manually operated valves in the hydrogen purge line.

Mr. Douglass confirmed his oral request with a letter to Mr. E. Case, Acting Director, Directorate of Licensing (received by telecopier), in which he documented the request for a change in the Technical Specifications and his reasons for the request.

Since the reactor has not yet been made critical, the fuel elements and reactor coolant system have no inventory of fission products. Therefore, if the reactor coolant system were to be accidentally breached during the hot functional test, no fission products would be released to the environment. We find that there is no safety significance to whether the containment purge line valves are open or closed during the proposed test. We conclude that there is no significant hazard consideration associated with the containment

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purge and the hydrogen purge isolation valves being open during the post core load hot functional test, as requested by the Baltimore Gas and Electric Company.

Calvert Cliffs Unit 1 Technical Specification 3.6A stated that containment integrity shall not be violated unless the reactor is in cold shutdown. In maintaining containment integrity, Technical Specification 3.6F allows the automatic isolation valves in the containment purge lines to be opened a maximum of 24 hours per calendar quarter for the purpose of purging the containment prior to personnel entry.

We are hereby amending License No. DPR-53 to change Specifications 3.6A and 3.6F to allow: (1) the containment purge line automatic isolation valves to be open continuously during the post core hot functional test, up to the start of the initial approach to criticality, and (2) the hydrogen purge line isolation valves to be open during post core load hot functional test prior to the start of the initial approach to criticality for a sufficient period of time to perform the preoperational test of the hydrogen purge system.

Sincerely,

Original signed by R. C. DeYoung

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

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

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

James C. Cawood, Jr., Esq.
Vice President
Chesapeake Environmental
Protection Association
4700 Auth Place
Camp Springs, Maryland

OFFICE ➔	L:LWR 1-3	L:LWR 1-3	OGC	L:AD/LWR 1		
SURNAME ➔	GRivenbark:sh	ODParr	R.Kinsey	RCDeYoung		
DATE ➔	9/12/74	9/12/74	9/12/74	9/12/74		

cc: George F. Trowbridge, Esq.
Shaw, Pittman, Potts and
Trowbridge
910 17th Street, N. W.
Washington, D. C. 20006

Mr. Warren D. Hodges, Director
Department of State Planning
301 West Preston Street
Baltimore, Maryland 21201

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

Mr. Robert J. Blanco, Region III
Environmental Protection Agency
Sixth and Walnut Streets
Philadelphia, Pennsylvania 19106

Mr. Bruce Blanchard
Environmental Projects Review
Department of the Interior
Room 5321
18th and C Streets, N. W.
Washington, D. C. 20240

Mr. Sheldon Myers
ATTN: Mr. Jack Anderson
Office of Federal Activities
EPA, Room W-541, Waterside Mall
401 M Street, S. W.
Washington, D. C. 20460

Colonel Howard Sargent
Executive Director of Civil Works
Office of the Chief of Engineers
Corps of Engineers
Department of Army
Forrestal Building, Room 4-G060
Washington, D. C. 20314

OFFICE ➤						
SURNAME ➤						
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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. 1
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 11, 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 Appendix A, 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. 1."

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

FOR THE ATOMIC ENERGY COMMISSION

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

Attachment:
Change No. 1 to Appendix A
Technical Specifications

Date of Issuance: SEP 12 1974

ATTACHMENT TO LICENSE AMENDMENT NO. 1

CHANGE NO. 1 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 3.6F is modified by the addition of subsection F(1) which reads as follows:

> Notwithstanding the provision of Specification 3.6F, prior to the reactor's first achieving criticality, during post core hot functional testing only, the containment purge air system may be operated continuously provided that the purge air system isolation valves are operable. The hydrogen purge line isolation valves, prior to the reactor's first achieving criticality, during post core hot functional testing only, may be open for a sufficient period of time to perform the pre-operational test of the hydrogen purge system.

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. 1 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 permits certain containment isolation valves to be open during preoperational testing.

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 11, 1974, (2) Amendment No. 1 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 12 day of September 1974.

FOR THE ATOMIC ENERGY COMMISSION

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