

Docket No. 50-317

FEBRUARY 06 1978

Baltimore Gas & Electric Company  
ATTN: Mr. A. E. Lundvall, Jr.  
Vice President - Supply  
Post Office Box 1475  
Baltimore, Maryland 21203

Gentlemen:

The Commission has requested the Office of the Federal Register to publish the enclosed Notice of Proposed Issuance of Amendment to the the Facility Operating License for Calvert Cliffs Unit No. 1. This licensing action would involve a resolution of the operational problems related to CEA Guide Tube Wear prior to return to power operation. The action proposed relates to the CE submittals dated January 17, 1978, and January 24, 1978, and your submittal expected by February 7, 1978.

Sincerely,  
Original signed by  
M. Grotenhuis

*for* Don K. Davis, Acting Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

Enclosure:  
Notice

cc w/enclosure:  
See next page

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

February 6, 1978

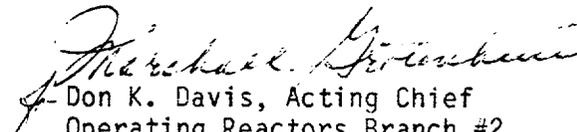
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See next page

Baltimore Gas and Electric Company

- 2 -

February 6, 1978

cc w/enclosures:

James A. Biddison, Jr.  
General Counsel  
G and E Building  
Charles Center  
Baltimore, Maryland 21203

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

Mr. R. C. L. Olson  
Baltimore Gas and Electric Company  
Room 922 - G and E Building  
Post Office Box 1475  
Baltimore, Maryland 21203

Mr. R. M. Douglass, Chief Engineer  
Calvert Cliffs Nuclear Power Plant  
Baltimore Gas and Electric Company  
Lusby, Maryland 20657

Bechtel Power Corporation  
ATTN: Mr. R. L. Ashley  
Chief Nuclear Engineer  
P. O. Box 607  
Gaithersburg, Maryland 20760

Combustion Engineering, Inc.  
ATTN: Mr. P. W. Kruse, Manager  
Engineering Services  
P. O. Box 500  
Windsor, Connecticut 06095

Calvert County Library  
Prince Frederick, Maryland 20678

Administrator, Power Plant Siting Program (4)  
Energy and Coastal Zone Administration  
Department of Natural Resources  
Tawes State Office Building  
Annapolis, Maryland 21401

Mr. Bernard Fowler  
President, Board of County  
Commissioners  
Prince Frederick, Maryland 20768

Chief, Energy Systems Analyses  
Branch (AW-459)  
Office of Radiation Programs  
U. S. Environmental Protection Agency  
Room 645, East Tower  
401 M Street, S. W.  
Washington, D. C. 20460

U. S. Environmental Protection Agency  
Region III Office  
ATTN: EIS COORDINATOR  
Curtis Building (Sixth Floor)  
Sixth & Walnut Streets  
Philadelphia, Pennsylvania 19106

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-317BALTIMORE GAS & ELECTRIC COMPANYNOTICE OF PROPOSED ISSUANCE OF AMENDMENT  
TO FACILITY OPERATING LICENSE

The Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. DPR-53, issued to Baltimore Gas & Electric Company (the licensee) for operation of the Calvert Cliffs Nuclear Power Plant Unit No. 1 (the facility) located in Calvert County, Maryland.

The amendment would authorize operation of Calvert Cliffs Unit No. 1 upon resolution of the Control Element Assembly (CEA) guide tube wear problem.

Prior to issuance of the proposed license amendment, the Commission will have made the findings required by the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations.

By March 10, 1978, the licensee may file a request for a hearing and any person whose interest may be affected by this proceeding may file a request for a hearing in the form of a petition for leave to intervene with respect to the issuance of the amendment to the subject facility operating license. Petitions for leave to intervene must be filed under

oath or affirmation in accordance with the provisions of Section 2.714 of 10 CFR Part 2 of the Commission's regulations. A petition for leave to intervene must set forth the interest of the petitioner in the proceeding, how that interest may be affected by the results of the proceeding, and the petitioner's contentions with respect to the proposed licensing action. Such petitions must be filed in accordance with the provisions of this FEDERAL REGISTER notice and Section 2.714, and must be filed with the Secretary of the Commission, U. S. Nuclear Regulatory Commission, Washington, D. C., 20555, Attention: Docketing and Service Section, by the above date. A copy of the petition and/or request for a hearing should be sent to the Executive Legal Director, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, and to James A. Biddison, Jr., General Counsel, Post Office Box 1475, Baltimore, Maryland 21203, the attorney for the licensee.

A petition for leave to intervene must be accompanied by a supporting affidavit which identifies the specific aspect or aspects of the proceeding as to which intervention is desired and specifies with particularity the facts on which the petitioner relies as to both his interest and his contentions with regard to each aspect on which intervention is requested. Petitions stating contentions relating only to matters outside the Commission's jurisdiction will be denied.

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All petitions will be acted upon by the Commission or licensing board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel. Timely petitions will be considered to determine whether a hearing should be noticed or another appropriate order issued regarding the disposition of the petitions.

In the event that a hearing is held and a person is permitted to intervene, he becomes a party to the proceeding and has a right to participate fully in the conduct of the hearing. For example, he may present evidence and examine and cross-examine witnesses.

For further details with respect to this action, see the Combustion Engineering submittal regarding CEA guide tube wear dated January 17 and 24, 1978, and Baltimore Gas and Electric Company submittal regarding CEA guide tube wear required by February 7, 1978, which 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.

Dated at Bethesda, Maryland, this sixth day of February, 1978.

FOR THE NUCLEAR REGULATORY COMMISSION

*Marshall Grotenhuis*  
Marshall Grotenhuis, Acting Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

DETERMINATION OF PROPOSED LICENSING AMENDMENT

Licensee: Baltimore Gas & Electric Company

Request for: License DPR-53 Amendment for Cycle 3 operation

Request Date: December 1, 1977

Proposed Noticing Action:  Pre-Notice Recommended  
 Post-Notice Recommended  
 Determination delayed pending completion  
of Safety Evaluation

Basis for Decision: Mechanical problems involving unexpected CEA guide tube wear have been identified during the Millstone Unit No. 2 refueling outage. Preliminary inspection results from Millstone, Main Yankee and Calvert Cliffs indicate that this is a generic problem. The CEA guide tube wear problem was described in a CE submittal letters dated January 17 and 24, 1978. BG&E will respond to this issue because of our January 18, 1978 letter before February 7, 1978.

This problem must be resolved prior to plant startup. Plant modifications may be necessary prior to return to full power operation.

A significant hazards consideration is involved with the CEA guide tube wear due to the potential for a decrease in safety margins. Accordingly, a pre-notice has been prepared for startup with CEA guide tube wear.

Proposed NEPA Action:  Environmental Impact Statement (EIS) Required  
 Negative Declaration (ND) and Environmental Impact Appraisal (EIA) Required  
 No EIS, ND or EIA Required  
 Determination delayed pending completion of EIA.

Basis for Decision: The amendment will neither authorize a change in effluent types or total amounts nor permit an increase in power level, and hence it will not result in any significant environmental impact.

Concurrences:

1. E. Conner 2/6/78  
E. Conner Date
2. M. Jostenburg 2/6/78  
for D. Davis Date
3. KRG 2/6/78  
K. Goller Date
4. C. Nordhead 3/6/78  
OELD Date