

# BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

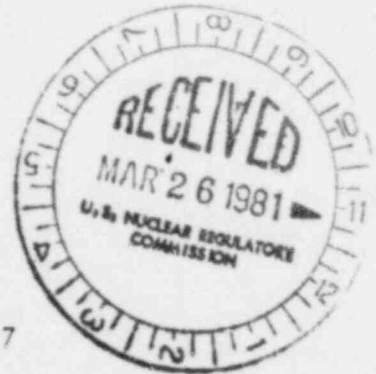
ARTHUR E. LUNDVALL, JR.  
VICE PRESIDENT  
SUPPLY

March 23, 1981

Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

ATTENTION: Mr. R. A. Clark, Chief  
Operating Reactors Branch #3  
Division of Licensing

SUBJECT: Calvert Cliffs Nuclear Power Plant  
Units No. 1 and 2, Docket Nos. 50-317  
and 50-318 Core Barrel Movement  
Technical Specification



Gentlemen:

We propose to reduce the monitoring and reporting requirements now specified in Technical Specification 3.4.11 (Core Barrel Movement).

## BACKGROUND

A core barrel movement monitoring requirement was included in the Technical Specifications of several nuclear units including Calvert Cliffs Units 1 and 2 after the Palisades Plant experienced excessive barrel motion several years ago. The vendor, Combustion Engineering, Inc. (CE), devised a generic design modification to prevent such motion. That modification was made to the Calvert Cliffs units. About ten (10) reactor-years of monitoring experience on the Calvert Cliffs units has not revealed any excessive core barrel motion. Visual inspection has not revealed any unexpected wear in the flange area of the core barrel to reactor vessel interface. Technical Specification 3.4.11 in its present form has served its purpose and has become an unnecessary burden.

## TECHNICAL SPECIFICATION CHANGE

Although it would appear that sufficient evidence exists to support abolishing Technical Specification 3.4.11 altogether, we only request relief from some of its more burdensome monitoring and reporting requirements. Proposed modifications to Technical Specification pages 3/4 4-29, 4-30, and B 3/4 4-12 are attached. The modified Technical Specification is similar to those of other licensees.

## SAFETY ANALYSIS

Technical Specification 3.4.11 was devised to confirm the adequacy of a design modification to preclude excessive core barrel movement. Significant successful

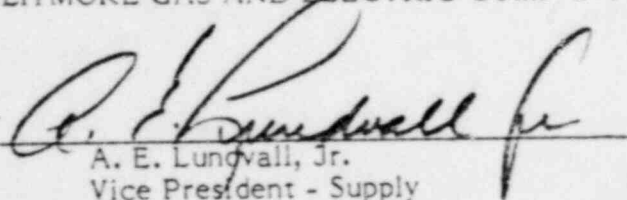
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operating experience of the Calvert Cliffs and other licensee units has confirmed the adequacy of that modification. In addition, excessive core barrel movement is a slowly developing phenomenon. The proposed modifications to the monitoring program are consistent with the reduced probability of excessive movement and with the speed with which it develops. The Plant Operations and Safety Review Committee (POSRC) and Offsite Safety Review Committee (OSSRC) have concluded that the proposed modification does not constitute an unreviewed safety question and that the proposed action does not present an undue risk to the health and safety of the public.

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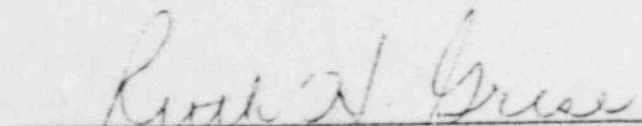
BY

  
A. E. Lundvall, Jr.  
Vice President - Supply

STATE OF MARYLAND, CITY OF BALTIMORE, TO WIT:

Arthur E. Lundvall, Jr., being duly sworn states that he is Vice President of the Baltimore Gas and Electric Company, a corporation of the State of Maryland; that he executed the foregoing Amendment for the purposes therein set forth; that the statements made in said Amendment are true and correct to the best of his knowledge, information, and belief; and that he was authorized to execute the Amendment on behalf of said Corporation.

WITNESS My Hand and Notarial Seal this 23rd day of March 1981.

  
Notary Public

My Commission Expires:

July 1, 1982

Attachment

cc: J. A. Biddison, Esquire  
G. F. Trowbridge, Esquire  
Messrs. E. L. Conner, Jr., NRC  
P. W. Kruse, CE