



CHARLES CENTER • P. O. BOX 1475 • BALTIMORE, MARYLAND 21203

ARTHUR E. LUNDVALL, JR.  
VICE PRESIDENT  
SUPPLY

February 18, 1983

Director of Nuclear Reactor Regulation  
Attention: Mr. R. A. Clark, Chief  
Operating Reactors Branch #3  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: Calvert Cliffs Nuclear Power Plant  
Units Nos. 1 & 2; Dockets Nos. 50-317 and 50-318  
NUREG-0737, Action Item II.F.1,  
Noble Gas Steam Effluent Monitor

Reference: Letter from A. E. Lundvall, Jr. to R. A. Clark dated 10/12/82

Gentlemen:

In the referenced letter we informed you that we had been experiencing difficulties in acceptably demonstrating the reliability of the noble gas steam effluent monitor. We stated, however, that sufficient progress in acceptability testing was being demonstrated by the vendor (Kaman Instrumentation Corporation) to give some confidence that the equipment could be shipped from the factory by December 1982. Based on expected delivery to the plant in that time frame, we stated that installation and testing could be completed by June 1, 1983.

The purpose of this letter is to provide you with early notification that serious qualification deficiencies (environmental and seismic) have recently been identified during the vendor's qualification testing program. The severity of these deficiencies is such that installation of an operable system at Calvert Cliffs by June 1 is highly improbable. The corrective actions that will be required to resolve these qualification deficiencies are likely to involve significant redesign of system components. Without a more detailed knowledge of the nature of the deficiencies or the time and effort that will be required to resolve them, we cannot provide a revised date for installation of an operable system at this time.

We expect to receive a report from the vendor in late March evaluating the results of the testing program and providing the basis for a revised installation schedule. We understand from recent discussions with our NRC Project Manager that compliance with Action Item II.F.1 should be demonstrated no later than March 1, 1984. Consequently, you should use March 1, 1984 as our new compliance date for Item II.F.1 in whatever regulatory actions are planned for the near term. We will, of course, make every reasonable effort to resolve our vendor difficulties and to accomplish the satisfactory installation of a reliable radiation monitor per the requirements of Action Item II.F.1 as soon as possible.

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We will keep you informed of our progress on this important issue. If you have any questions, please contact us.

**BALTIMORE GAS & ELECTRIC COMPANY**

By:

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

STATE OF MARYLAND :

TO WIT:

CITY OF BALTIMORE :

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 for the purposes therein set forth; that the statements made therein are true and correct to the best of his knowledge, information, and belief; and that he was authorized to execute the same on behalf of said Corporation.

WITNESS My Hand and Notarial Seal:

*Ruth H. Grise*  
Notary Public

My Commission Expires:

*July 1, 1986*  
Date

AEL/BSM/gvg

cc: J. A. Biddison, Jr., Esq.  
G. F. Trowbridge, Esq.  
Mr. D. H. Jaffe, NRC  
Mr. R. E. Architzel, NRC