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JOSEPH A. TIERNAN
VICE PRESIDENT
NUCLEAR ENERGY

September 30, 1988

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318
Safety Parameter Display System Report

REFERENCES: (a) Letter from Mr. A. E. Lundvall, Jr. (BG&E) to Mr. J. R. Miller (NRC), dated June 6, 1984, SPDS Safety Analysis

(b) Letter from Mr. A. E. Lundvall, Jr. (BG&E) to Mr. J. R. Miller (NRC), dated February 4, 1985, Safety Parameter Display System (SPDS)

Gentlemen:

Supplement 1 to NUREG-0737 (Generic Letter 82-33) requires each licensee to submit for NRC review a safety analysis and an implementation plan for the installation and operation of the Safety Parameter Display System (SPDS). Reference (a) satisfied this requirement. We provided you with additional information in Reference (b) and committed to incorporate that information into the SPDS Report. The Enclosure satisfies this commitment, reflects design improvements made during implementation, updates operational status and supplies additional test information on isolation modules. The SPDS has met the July 1, 1988 operational deadline date established for both Units 1 and 2.

The Safety Evaluation contained in your March 24, 1986 letter used information from References (a) and (b) to confirm that SPDS displayed data is adequate, valid and readily perceived and comprehended. In addition, the SPDS was found to be suitably isolated from safety-related systems. The basis for this determination was that the power input to the Data Acquisition System (DAS) remote Input/Output (I/O) cabinets is Class 1E. You further state that a confirmatory review of the isolation modules would be required if the power input is non-Class 1E. Since we are using a non-Class 1E power supply, we have included additional test information to confirm that the modules can withstand the maximum credible fault without degrading the Class 1E side. This additional information should be sufficient for you to confirm that the isolation modules are suitably qualified as isolators.

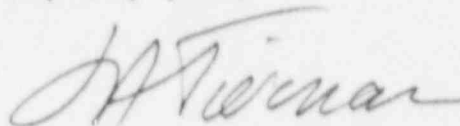
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Should you have any further questions regarding this matter, we will be pleased to discuss them with you.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J. A. Twyman".

JAT/DBO/dlm

Enclosure

cc: D. A. Brune, Esquire
J. E. Silberg, Esquire
R. A. Capra, NRC
S. A. McNeil, NRC
W. T. Russell, NRC
D. C. Trimble, NRC
T. Magette, DNR