



1650 CALVERT CLIFFS PARKWAY • LUSBY, MARYLAND 20657-4700

ROBERT E. DENTON
VICE PRESIDENT
NUCLEAR ENERGY
(410) 260-4455

June 2, 1993

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
Response to Request for Additional Information - Civil Engineering Report
(TAC Nos. M85222 and M85223)

- REFERENCES:
- (a) Letter from Mr. R. E. Denton (BG&E) to Document Control Desk (NRC), dated May 17, 1993, Response to Request for Additional Information - Civil Engineering Report (TAC Nos. M85222 and M85223)
 - (b) Letter from Mr. R. E. Denton (BG&E) to Document Control Desk (NRC), dated December 18, 1992, Emergency Diesel Generator Project - Civil Engineering Design Report

Gentlemen:

Baltimore Gas and Electric Company is hereby providing clarification to information contained in the referenced documents. The two areas requiring further clarification concern the effect of the non-Category I structure on the Category I structure during a tornado and the design standards referenced in the Civil Engineering Design Report.

We will be locating the building for the non-safety-related diesel generator in the same general area as the building for the safety-related diesel generator. As described in Reference (a), the non-Category I building will be designed such that it has no adverse impact on the Category I structure during a seismic event. Likewise, it will be designed so that it has no adverse impact on the Category I structure during a tornado. The acceptance criteria of Standard Review Plan (SRP) Section 3.3.2 will be met for the non-Category I structure by ensuring that it meets one of the following two requirements given in the SRP:

- a. The postulated collapse or structural failure of structures and components not designed for tornado loads, including missiles, can be shown not to result in any structural or other damage to safety-related structures or components.

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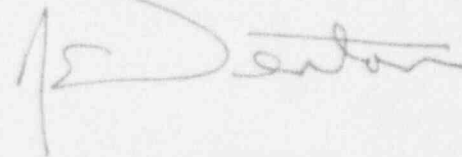
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- b. Safety-related structures are designed to resist the effects of the postulated structural failure, collapse, or generation of missiles from structures and components not designed for tornado loads.

The second area of clarification dealt with the wind loading design standards referenced in Section 3.4.1 of the Civil Engineering Design Report (Reference b). The references to ANSI A58.1 and ASCE 7-88 should have been references to ANSI/ASCE 7-88 since the ANSI standard was incorporated into the ASCE standard in 1990.

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 black ink, appearing to read "J. E. Silberg". The signature is written in a cursive style with a large initial "J" and "E".

RED/PSF/psf/bjd/dlm

cc: D. A. Brune, Esquire
J. E. Silberg, Esquire
R. A. Capra, NRC
D. G. McDonald, Jr., NRC
T. T. Martin, NRC
P. R. Wilson, NRC
R. I. McLean, DNR
J. H. Walter, PSC