



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

February 6, 1992

Docket Nos. 50-317
and 50-318

Mr. G. C. Creel
Vice President - Nuclear Energy
Baltimore Gas and Electric Company
Calvert Cliffs Nuclear Power Plant
MD Rts 2 & 4
P. O. Box 1535
Lusby, Maryland 20657

Dear Mr. Creel:

SUBJECT: STATION BLACKOUT RULE (10 CFR 50.63) STATUS UPDATE, CALVERT CLIFFS
NUCLEAR POWER PLANT, UNIT 1 (TAC NO. M82612) AND UNIT 2 (M82613)

By letter dated December 17, 1991, Baltimore Gas and Electric Company (BG&E) provided an update of the status of the modifications being performed in response to the station blackout (SBO) rule. The requirements for withstanding a SBO are codified in 10 CFR 50.63, "Loss of all alternating current power."

You have indicated in the status update that one of the initial modifications proposed, which was reviewed and approved by the NRC staff, would not be implemented. The modification was to supply DC power to the power operated relief valves (PORVs). The decision not to provide DC power to the PORVs was based on a recent analysis of the reactor coolant system (RCS) pressure response during an SBO event. A description of the analysis was included in your submittal and the results indicated that RCS pressure does not increase enough during an SBO event to result in a challenge to the PORVs.

We have reviewed the status of the modifications for complying with the SBO rule and the analysis performed in support of not providing DC power to the PORVs. We have concluded, based on our review, that adequate justification has been provided for delays in implementing the modifications and incorporating the augmented quality concept in your Quality Assurance Program. We have also concluded that DC power is not required for the PORVs based on the results of the RCS pressure response analysis.

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Mr. G. C. Creel

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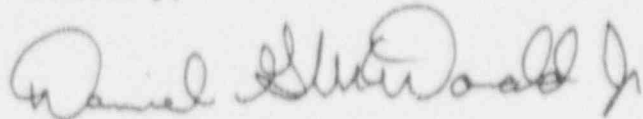
February 6, 1992

We request you inform us when the SBO modifications have been implemented and provide an update of the status of the longer term addition of the two safety-related emergency diesel generators.

This requirement affects one respondent and, therefore, is not subject to Office of Management and Budget review under P.L. 96-511.

This completes the staff's activity related to the subject TAC Nos.

Sincerely,



Daniel G. McDonald, Senior Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

Mr. G. C. Creel
Baltimore Gas & Electric Company

Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 and 2

cc:

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Sincerely,

Original Signed By:

Daniel G. McDonald, Senior Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

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