



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

April 16, 1996

50-317/318

Mr. Charles H. Cruse  
Vice President - Nuclear Energy  
Baltimore Gas and Electric Company  
Calvert Cliffs Nuclear Power Plant  
1650 Calvert Cliffs Parkway  
Lusby, MD 20657-4702

SUBJECT: INDIVIDUAL PLANT EXAMINATION (IPE) - CALVERT CLIFFS NUCLEAR POWER  
PLANT, UNIT NOS. 1 AND 2 (TAC NOS. M74392 AND M74393)

Dear Mr. Cruse:

By submittal dated September 30, 1993, Baltimore Gas and Electric Company (BGE) submitted the Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2, (CCNPP1-2) IPE for internal events and internal flooding in response to Generic Letter (GL) 88-20, Supplement 1. Enclosed is our evaluation of this submittal. Our evaluation package consists of: (1) Staff Evaluation Report (SER) (Enclosure 1), and (2) contractor Technical Evaluation Reports (TERs) for the front-end, back-end, and human reliability analysis (Enclosures 2, 3, and 4, respectively). Our review examined the CCNPP1-2 IPE submittal and associated documentation which included the IPE summary report for the CCNPP1-2 probabilistic risk assessment and BGE's responses to the staff questions which was provided by letter dated September 12, 1995. No specific unresolved safety issues or generic safety issues were proposed for resolution as part of the CCNPP1-2 IPE.

The NRC staff has determined that BGE's IPE submittal for internal events and internal flooding is complete with the level of detail consistent with the information requested in GL 88-20, Supplement 1, and the guidance provided in NUREG-1335. The staff has further determined that BGE's IPE process is capable of identifying the most likely severe accidents and severe accident vulnerabilities. Therefore, we have concluded that BGE has met the intent of GL 88-20, Supplement 1.

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April 16, 1996

C. Cruse

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This completes all actions related to the referenced TAC numbers. If you have any questions, please call me at (301) 415-1408.

Sincerely,  
ORIGINAL SIGNED BY:

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

Docket Nos. 50-317  
and 50-318

- Enclosures:
1. Staff Evaluation Report
  2. TER (Front-End)
  3. TER (Back-End)
  4. TER (Human Reliability Analysis)

cc w/encl 1: See next page

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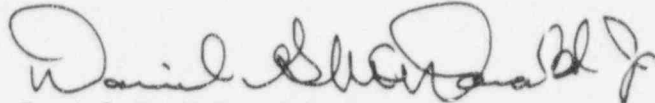
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C. Cruse

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Daniel G. McDonald, Jr., Senior Project Manager  
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cc w/encl 1: See next page

Mr. Charles H. Cruse  
Calvert Cliffs Nuclear Power Plant

Calvert Cliffs Nuclear Power Plant  
Unit Nos. 1 and 2

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