



50-317/318

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

December 15, 1999

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: SAFETY EVALUATION OF LICENSEE RESPONSE TO GENERIC LETTER  
96-05, CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2  
(TAC NOS. M97028 AND M97029)

Dear Mr. Cruse:

On September 18, 1996, the NRC issued Generic Letter (GL) 96-05, "Periodic Verification of Design-Basis Capability of Safety-Related Motor-Operated Valves," requesting each nuclear power plant licensee to establish a program, or to ensure the effectiveness of its current program, to verify on a periodic basis that safety-related motor-operated valves (MOV) continue to be capable of performing their safety functions within the current licensing bases of the facility.

On November 15, 1996, Baltimore Gas and Electric Company submitted a 60-day response to GL 96-05 notifying the NRC that it would implement the requested MOV periodic verification program at Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2. On March 13, 1997, the licensee submitted a 180-day response to GL 96-05 providing a summary description of the MOV periodic verification program planned to be implemented at Calvert Cliffs. In a letter dated June 30, 1998, the licensee updated its commitment to GL 96-05. On April 2, 1999, the licensee provided a response to a request for additional information regarding GL 96-05 forwarded by the NRC staff on January 29, 1999.

The Nuclear Regulatory Commission (NRC) staff has reviewed the licensee's submittals and applicable NRC inspection reports for the MOV program at Calvert Cliffs. The NRC staff finds that the licensee has established an acceptable program to verify periodically the design-basis capability of the safety-related MOVs at Calvert Cliffs through its commitment to all three phases of the Joint Owners Group (JOG) Program on MOV Periodic Verification and the additional actions described in its submittals. As discussed in the enclosed safety evaluation (SE), the staff concludes that the licensee is adequately addressing the actions requested in GL 96-05. The NRC staff may conduct inspections at Calvert Cliffs to verify the implementation of the MOV periodic verification program is in accordance with the licensee's commitments; this NRC SE; the NRC SE dated October 30, 1997, on the JOG Program on MOV Periodic Verification; and (as applied by the licensee for this Combustion Engineering-design plant) the

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C. Cruse

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NRC SE dated April 14, 1998, on the Westinghouse Owners Group methodology for ranking MOVs by their safety significance.

This completes NRC's efforts on TAC Nos. M97028 and M97029.

Sincerely,

Original signed by:

Alexander W. Dromerick, Sr. Project Manager, Section 1  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-317 and 50-318

Enclosure: Safety Evaluation

cc w/ encl: See next page

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Alexander W. Dromerick, Sr. Project Manager, Section 1  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

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Enclosure: Safety Evaluation

cc w/encl: See next page

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