

BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

NUCLEAR POWER DEPARTMENT
CALVERT CLIFFS NUCLEAR POWER PLANT
LUSBY, MARYLAND 20657

January 25, 1985

U.S. Nuclear Regulatory Commission
Region I
631 King Street
King of Prussia, PA 19406

ATTENTION: Mr. R. C. DeYoung, Director
Office of Inspection & Enforcement

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit No. 1; Docket No. 50-317
Technical Specification 3.3.3.7b, Fire Detection Instrumentation -
Special Report

Gentlemen:

This special report is being submitted pursuant to the requirements of Technical Specification 3.3.3.7.b, Fire Detection Instrumentation. Smoke detection instrumentation within the Main Steam Isolation Valve (MSIV) Room was electrically disconnected to prevent a constant alarm at the Control Room Fire Protection Panel. The erroneous alarm was caused by a high humidity atmosphere within the MSIV Room. The source of the humidity is an unisolable steam leak.

The smoke detection system could not be restored within the fourteen day requirement of Technical Specification 3.3.3.7.b. Action was taken to assure that the MSIV Room wet pipe sprinkler system (including the flow alarm and supervisory system) was operable in accordance with Technical Specification 3.3.3.7.a. The twenty-four hour inspection of the sprinkler system was continued until the steam leak within the MSIV Room was repaired. The repairs to correct the steam leak were completed on January 21, 1985, and the smoke detection was placed in operable status at that time.

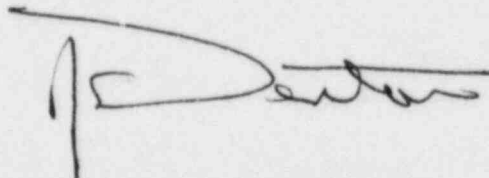
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Mr. R. C. DeYoung
January 25, 1985
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This letter should satisfy the requirement of Technical Specifications 6.9.2 (Special Reports) and 3.3.3.7.b (Fire Detection Instrumentation) and preclude any further special reports.

Very truly yours,

A handwritten signature in black ink, appearing to read "L. B. Russell". The signature is written in a cursive style with a large initial "L" and "R".

for L. B. Russell
Plant Superintendent

LBR/RPH/gla

cc: D. A. Brune, Esquire
G. F. Trowbridge, Esquire
D. H. Jaffe, NRC
T. Foley, NRC