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R. E. DENTON  
GENERAL MANAGER  
CALVERT CLIFFS

December 18, 1990

U. S. Nuclear Regulatory Commission  
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant  
Unit No. 2; Docket No. 50-318  
Fire Detection Instrumentation Special Report  
Technical Specification 3.3.3.7, Action Statement b

Gentlemen:

Per the requirements of Technical Specification 3.3.3.7 Action Statement b, we hereby submit the attached Special Report concerning inoperable fire detection instrumentation. Specifically, the fire detection system in the Unit 2 Component Cooling Room was inoperable for greater than 14 days.

Should you have any further questions regarding this matter, we will be pleased to discuss them with you.

Very truly yours,

RED/CRS/bjd

Attachment

- cc: D. A. Brune, Esquire
- J. S. Silberg, Esquire
- R. A. Capra, NRC
- D. G. McDonald, Jr., NRC
- T. T. Martin, NRC
- L. E. Nicholson, NRC
- R. I. McLean, DNR

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ATTACHMENT (1)

**FIRE DETECTION INSTRUMENTATION SYSTEM  
SPECIAL REPORT**

On November 7, 1990 the fire detection system in the Unit 2 Component Cooling Water Pump Room was disabled. The smoke detection was disabled to permit work activities involving welding/cutting/grinding in this room. Smoke detectors sense a fire condition during this type of activity and send a signal to the fire alarm annunciation panel in the Control Room. This results in a hanging alarm on both fire alarm annunciator panel (1C24B) and the single point annunciator panel (1C17) which could result in a delay in response to other plant fire alarms.

Technical Specification 3.3.3.7, ACTION Requirement a was entered at the time the system was disabled. Since the Component Cooling Water Pump Room has an automatic sprinkler system the ACTION consists of a demonstration of the OPERABILITY of the sprinkler system within one hour and every 24 hours thereafter. This ACTION requirement was fulfilled for the entire duration the detection system was disabled.

The detection system was restored to OPERABLE status on November 22, 1990. The period that the detection system was disabled exceeded 14 days and as such Technical Specification 3.3.3.7 ACTION Requirement b states that a Special Report pursuant to Technical Specification 6.9.2 must be prepared and submitted to the Commission outlining the actions taken, the cause of the inoperability and the plans and schedule for restoration of the system to OPERABLE status. This Special Report fulfills these requirements.