



CHARLES CENTER • P.O. BOX 1475 • BALTIMORE, MARYLAND 21203

LEON B. RUSSELL

MANAGER

CALVERT CLIFFS NUCLEAR POWER PLANT DEPARTMENT

January 19, 1990

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit No. 1; Docket No. 50-317 & License No. DPR 53
Penetration Fire Barrier Special Report,
Technical Specification 3.7.12.1

Gentlemen:

Per the requirements of Technical Specification 3.7.12.a, we hereby submit the attached Special Report concerning an inoperable penetration fire barrier, specifically an inoperable fire door in stairwell AB-2 on the 45' elevation of the Auxiliary Building.

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

Very truly yours,

LBR/CDS/bjd

Attachment

cc: D. A. Brune, Esquire
J. E. Silberg, Esquire
R. A. Capra, NRC
D. G. McDonald, Jr., NRC
W. T. Russell, NRC
J. E. Beall, NRC
T. Magette, DNR

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PDR ADOCK 05000317
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ATTACHMENT (1)

PENETRATIONS FIRE BARRIERS SPECIAL REPORT

On December 19, 1989 it was discovered that Fire Door 427 would not latch. This door is located in stairwell AB-2 at elevation 45' in the Auxiliary Building. With the door unable to latch, it is considered inoperable for purposes of satisfying Technical Specifications. At that time, the Action Statement for Technical Specification 3.7.12.a was entered which requires an hourly fire watch in the area where the door is located. Also at that time, Maintenance Request (MR) #34272 was written. The door was repaired on December 28, 1989, and the Action Statement for Technical Specification 3.7.12.a was exited.

Since the time the door was considered inoperable exceeded 7 days, a Special Report is required per Technical Specification 3.7.12.a. This Special Report fulfills that requirement.

EFFECT ON UNIT OPERATION

Upon discovery of the inoperable latch for fire door 427, the Action Statement for Technical Specification 3.7.12.a was entered. This Action Statement required an hourly fire watch patrol since the area on one side of the barrier had smoke detection. The door latch was repaired on December 28, 1989. Unit 1 was in MODE 5 (cold shutdown) and Unit 2 was defueled the entire time the door latch was inoperable. Stairwell AB-2, like most stairwells, contains little or no combustible materials. The 45' elevation of the Auxiliary Building has sprinklers and smoke detection in the vicinity of the stairwell. Therefore, it is unlikely that the door would have been exposed to severe fire conditions.

TASKS TO ASSURE FUTURE COMPLIANCE

Technical Specification Action Statement 3/4.7.12.a requires penetration fire barriers to be returned to operable status within 7 days or a Special Report be issued within the next 30 days outlining specific actions taken, the cause of the inoperable penetrations, and plans and schedules for restoring the fire barrier to operable status. As previously described, Technical Specification Action Statement 3.7.12.a was entered which required an hourly fire watch patrol since smoke detection is located on one side of the barrier. A maintenance request was issued to repair the broken door latch. This repair was completed on December 28, 1989. Fire doors are verified to be in the closed position either by card reader signal, locks, or visual verification. Those that are locked are verified to be closed weekly. Those that are not locked are verified closed on a daily basis. High traffic doors such as 427 will occasionally require maintenance. The controls described above provide adequate assurance that those doors requiring maintenance are promptly identified and returned to service. Thus, additional corrective measures are deemed unnecessary.