

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

December 22, 1992

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Serial No. 92-804
MPW/EJW
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNITS 1 & 2
PENETRATION FIRE BARRIERS INOPERABLE
SPECIAL REPORT

Pursuant to Updated Final Safety Analysis Report (UFSAR) Technical Requirement 16.2.1.3.B.2.2, a Special Report is hereby submitted because five penetration fire barriers were not restored to a functional condition within seven days. Two Unit 1 and three Unit 2 penetration fire barriers between the Quench Spray Pump House and Auxiliary Building were breached to implement work associated with a design change modification.

On November 24, 1992, marine boards covering penetration fire barriers were removed in the Quench Spray Pump House to implement work activities associated with a design change package. A fire watch was established upon removal of the marine boards to satisfy the technical requirement actions. At approximately 1300 hours on December 1, 1992, the seven day surveillance requirement of UFSAR Section 16.2.1.3.B.2.1 for penetration fire barrier inoperability was exceeded when the fire barriers were not restored to functional status.

Additionally, on December 3, 1992, when the marine boards were removed from these penetrations in the Auxiliary Building, gaps were discovered in the fire barrier foam material around the pipes. The cause of the gaps appears to be shrinkage of the fire barrier foam material over time. The fire watch, previously established on November 24, 1992, continued until modifications were completed. The activities were completed and the penetration fire barrier were returned to operable status on December 14, 1992.

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This Special Report has been reviewed by the Station Nuclear Safety and Operating Committee and will be provided to the Management Safety Review Committee.

Should you have any questions regarding this report, please contact us.

Very truly yours,



W. L. Stewart
Senior Vice President - Nuclear

cc: U.S. Nuclear Regulatory Commission
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Mr. M. S. Lesser
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North Anna Power Station