

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

September 2, 1992

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Serial No. 92-548
NL&P/EJW
Docket No. 50-339
License No. NPF-7

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNIT 2
FIRE BARRIER NOT INSTALLED
VOLUNTARY SPECIAL REPORT

During an engineering walkdown of North Anna Power Station on July 21, 1992, it was discovered that a fire damper was not installed as specified in a station drawing. The drawing depicted the damper in a vertical Heating Ventilation and Air Conditioning (HVAC) duct between the Unit 2 Normal Switchgear Room and Cable Spreading Room. For compliance with Appendix A to Branch Technical Position APCS 9.5-1, this duct is required to have a three hour rated fire damper. Deviation Report 92-1573 was submitted when the missing damper was discovered, and an hourly fire watch was implemented. Subsequently, the duct was wrapped with a fire rated material to ensure fires in the Normal Switchgear Room will not affect the Cable Spreading Room. This material is a mineral wool batting which meets UL design X301 for a three hour fire barrier and is not within the scope of NRC Bulletin 92-01 dated June 24, 1992, involving fire barrier systems. An engineering walkdown of the remaining Appendix A and Appendix R dampers determined that they are installed in accordance with station drawings. Apparently, the missing damper was not installed during initial plant construction.

No significant safety consequences resulted from this condition because these areas are controlled with either operable fire detection and suppression equipment or appropriate administrative measures such as a firewatch. Furthermore, Appendix R safe shutdown equipment is not located in either room. The subject duct is a HVAC "throughway" with no openings in the Normal Switchgear Room or the Cable Spreading Room. The ductwork has an inherent fire rating of one hour due to its steel construction. An existing damper in the same duct located near the floor of the Unit 2 Cable Spreading Room would have provided the required separation from the areas below. Therefore, the health and safety of the public were not affected as a result of this condition.

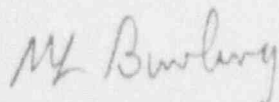
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This Special Report has been reviewed by the Station Nuclear Safety and Operating Committee and will be provided to the Management Safety Review Committee. The condition is being reported on a voluntary basis to provide operating experience information to the NRC and nuclear industry.

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

Very truly yours,



M. L. Bowling, Manager
Nuclear Licensing and Programs

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Mr. M. S. Lesser
NRC Senior Resident Inspector
North Anna Power Station