

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

April 25, 2008

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

Serial No. 08-0125A
NAPS/JHL
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)
NORTH ANNA POWER STATION UNITS 1 AND 2
SUMMARY OF FACILITY CHANGES, TESTS AND EXPERIMENTS

Dominion letter dated March 28, 2008 (Serial No. 08-0125) provided a summary description of Facility Changes, Tests and Experiments identified in Regulatory Evaluations implemented at the North Anna Power Station during 2007 in accordance with 10 CFR 50.59(d)(2). It was recently identified that a summary description for one evaluation was not included in the previous submittal. The summary description for this evaluation is provided in the attachment to this letter.

If you have any questions, please contact Page Kemp at (540) 894-2295.

Very truly yours,



Daniel G. Stoddard
Site Vice President

Attachment

cc: U. S. Nuclear Regulatory Commission
Region II
Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, Georgia 30303

NRC Senior Resident Inspector
North Anna Power Station

TE47
LRR

ATTACHMENT

**10 CFR 50.59 SUMMARY DESCRIPTION OF
FACILITY CHANGES, TESTS AND EXPERIMENTS**

North Anna Power Station Units 1 and 2

**Virginia Electric and Power Company
(Dominion)**

NORTH ANNA UNITS 1 & 2

10 CFR 50.59 SUMMARY DESCRIPTION OF FACILITY CHANGES, TESTS AND EXPERIMENTS

REGULATORY EVALUATION: 07-SE-ST-01

Document Evaluated: Special Test Procedure, 0-ST-FP-001, Low Pressure CO2 Blower Door Test

Brief Description: A blower door test in accordance with NFPA 2001, 12A and ASTM E779, Standard Test Method for Determining Air Leakage Rate by Fan Pressurization will be performed. The test is being performed to determine if an overpressure condition may exist within the Cable Vaults on a fire protection CO2 system discharge. The test is conducted by installing a fan in a doorway to the area being tested. The fan is used to develop both a positive and negative pressure in the tested area. Leakage is determined through calculation using pressure and flow readings at the fan.

Reason for Change: Determine if an overpressure condition may exist within the Cable Vaults on a fire protection CO2 system discharge.

Summary: The test is being performed to determine if an overpressure condition may exist within the Cable Vaults on a fire protection CO2 system discharge. The test pressure will not pose a threat to the integrity of the walls, seals, or doors. Although the increase in pressure has no adverse impact on the boundary or equipment, the pressurization may cause Control Room pressures to temporarily go out of specification. Also, the cable vault ventilation, position of dampers, the CO2 system for the cable vaults, and some doors will be in abnormal conditions during testing. The test procedure contains steps to enter the appropriate Technical Specification or Technical Requirements Manual actions and establish compensatory measures, as appropriate.