

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

September 7, 2004

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

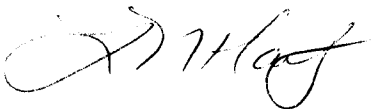
Serial No.: 04-536
NL&OS/GDM Rev. 1
Docket Nos.: 50-280, 281
License Nos.: DPR-32, 37

VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)
NOTIFICATION OF PENDING HARDWARE AND SOFTWARE CHANGES TO THE
EMERGENCY RESPONSE DATA SYSTEM
SURRY POWER STATION UNITS 1 AND 2

Pursuant to 10 CFR 50, Appendix E, VI.3.b, Dominion is hereby notifying the NRC of hardware and software changes, with the exception of data point modifications, that could affect the transmission format and computer communication protocol to the Surry Power Station Units 1 and 2 Emergency Response Data System. A design change will be implemented at Surry in the fourth quarter of 2004 to replace the currently installed ModComp ERDS hardware and software with an Ovation Plant Computer System (PCS) that operates on Westinghouse software. The Human System Interface will consist of X-Terminal workstations connected to the PCS. The workstations will be located in the Main Control Room (at the Unit 1 and Unit 2 Shift Technical Advisor positions), Technical Support Center, Local Emergency Operations Facility and the Central Emergency Operations Facility.

Currently, the ERDS program transmits data collected and formatted by the ModComp Emergency Response Facility Computer System (ERFCS), which it retrieved from the Validyne front-end processors. With this modification, the Westinghouse Ovation system will retrieve data from the Validyne front-end processors and will provide connectivity to the ERDS modem through a data-link server. The existing NRC-supplied modems will be replaced with modems supplied by Dominion. Final acceptance of the changes to the ERDS will not occur until the required hardware and software have been installed on the PCS, and a Site Acceptance Test has been completed satisfactorily.

If you have any questions regarding the information provided herein, please contact Mr. Gary D. Miller at (804) 273-2771.



Leslie N. Hartz
Vice President - Nuclear Engineering

Commitments made in this letter:

1. Final acceptance of changes to the ERDS will not occur until the required hardware and software have been installed on the PCS, and the Site Acceptance Test (SAT) has been completed satisfactorily.

cc: U.S. Nuclear Regulatory Commission
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