

**VIRGINIA ELECTRIC AND POWER COMPANY**  
**RICHMOND, VIRGINIA 23261**  
December 6, 2001

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

Serial No. 01-694  
NL&OS/MAE R4  
Docket Nos. 50-338/339  
License Nos. NPF-4/7

Gentlemen:

**VIRGINIA ELECTRIC AND POWER COMPANY**  
**NORTH ANNA POWER STATION UNITS 1 AND 2**  
**SERVICE WATER SYSTEM RESTORATION STATUS**

The purpose of this letter is to notify the NRC of upcoming activities associated with the Service Water System (SWS) for the year 2002. Consistent with the provisions for use of Technical Specification (TS) Action Statement 3.7.4.1.d, Virginia Electric and Power Company (Dominion) intends to enter this action statement multiple times during a one year period in order to implement planned SWS upgrades. This action statement permits the isolation of one of the service water loops for up to 168 hours as part of SWS upgrades.

Specifically, we intend to replace the 20" SWS piping from the SWS pump discharge to the point where it enters the 36" main SWS header piping. This new (replaced) SWS piping will be protected internally with epoxy coating. In addition, the 20" check and butterfly valves on the SWS pump discharge lines will be repaired and/or replaced before the system is returned to service.

This SWS upgrade is to be divided into two phases. Phase 1 will address the work associated with the Unit 2 SWS piping and is currently planned to begin in mid-January 2002 and be completed in the first quarter of 2002. Phase 2 will address Unit 1 SWS piping and is currently planned to be started in the fourth quarter of 2002, with restoration work completed by the end of 2002.

A risk assessment of the unavailability of the SWS headers and pumps during the implementation of these planned activities was performed. The multiple entries into the action statement are not considered risk significant and therefore are considered acceptable to maintain and improve the overall SWS reliability.

If you have any further questions or require additional information, please contact us.

Very truly yours,



Leslie N. Hartz  
Vice President – Nuclear Engineering

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Commitments made in this letter: None

cc: U.S. Nuclear Regulatory Commission  
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