

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

October 22, 1999

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

Serial No. 99-545  
Docket Nos. 50-338  
50-339  
License Nos. NPF-4  
NPF-7

Gentlemen:

**VIRGINIA ELECTRIC AND POWER COMPANY**  
**NORTH ANNA POWER STATION UNITS 1 AND 2**  
**ENGINEERING CALCULATION TO SUPPORT**  
**PROPOSED TECHNICAL SPECIFICATION CHANGES**  
**ALLOWABLE GROUNDWATER ELEVATIONS FOR**  
**THE SERVICE WATER RESERVOIR**

In a November 18, 1998 letter (Serial No. 98-650), Virginia Electric and Power Company requests amendments, in the form of changes to the Technical Specifications and to Facility Operating License Numbers NPF-4 and NPF-7 for North Anna Power Station Units 1 and 2, respectively. The proposed changes will raise the allowable groundwater levels of the Service Water Reservoir dike. In order to complete the review of the Technical Specification change, portions of the associated engineering calculation were discussed with the NRC staff. The attachment to this letter provides a copy of engineering calculation CE-1386, "Stability of SWR Slope Under Increase Phreatic Surface," dated April 1998 for your review.

There are no commitments made in this letter. If you have any further questions, please contact us.

Very truly yours,



Leslie N. Hartz  
Vice President – Nuclear Engineering Services

Attachment

290-18

Y  
M

cc: (Without attachment)  
U.S. Nuclear Regulatory Commission  
Region II  
Atlanta Federal Center  
61 Forsyth Street, SW  
Suite 23T85  
Atlanta, Georgia 30303

Mr. M. J. Morgan  
NRC Senior Resident Inspector  
North Anna Power Station

Commissioner  
Department of Radiological Health  
Room 104A  
1500 East Main Street  
Richmond, VA 23219

COMMONWEALTH OF VIRGINIA )  
 )  
COUNTY OF HENRICO )

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by Leslie N. Hartz, who is Vice President - Nuclear Engineering & Services, of Virginia Electric and Power Company. She has affirmed before me that she is duly authorized to execute and file the foregoing document in behalf of that Company, and that the statements in the document are true to the best of her knowledge and belief.

Acknowledged before me this 22<sup>nd</sup> day of October, 1999.

My Commission Expires: 3/31/2000.

Maggie McCleure  
Notary Public

(SEAL)