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August 10, 2011

~~SECURITY-RELATED INFORMATION~~
~~WITHHOLD UNDER 10 CFR 2.390~~

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

Serial No. NA3-11-018RA
Docket No. 52-017
COL/DWL

DOMINION VIRGINIA POWER
NORTH ANNA UNIT 3 COMBINED LICENSE APPLICATION
SRP 02.04.02: SUPPLEMENTAL RESPONSE TO RAI LETTER 63

On April 7, 2011, the NRC requested additional information to support the review of certain portions of the North Anna Unit 3 Combined License Application (COLA). The responses to the Request for Additional Information (RAI 5574) questions were provided in letter NA3-11-018R dated May 3, 2011.

The response to Question 02.04.02-9 included a figure which identified the North Anna Unit 3 site locations with supercritical velocities and hydraulic jumps as computed by the HEC-RAS model analysis described in the Unit 3 FSAR Section 2.4.2.3. (The areas of supercritical velocities and hydraulic jumps are important with regard to site drainage flow during periods of intense precipitation.) The figure provided in the response focused on the site area surrounding the main power block structures. During subsequent discussions with the NRC staff, it was noted that an additional supercritical velocity area and a hydraulic jump on the site and considered in the HEC-RAS model was not shown on the figure due to scale. Therefore, the response to Question 02.04.02-9 is being re-submitted with the figure's scale adjusted to show all site areas with supercritical velocities and hydraulic jumps. Please note that other than adjusting the scale of the figure, Dominion's response is unchanged.

Please contact Regina Borsh at (804) 273-2247 (regina.borsh@dom.com) if you have questions.

Very truly yours,

Eugene S. Grecheck

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ENCLOSURE 1 TO THIS LETTER CONTAINS SECURITY- RELATED INFORMATION AND MUST BE PROTECTED ACCORDINGLY. UPON SEPARATION OF FIGURE 1 IN ENCLOSURE 1, THIS LETTER IS DECONTROLLED.

~~SECURITY-RELATED INFORMATION - WITHHOLD UNDER 10 CFR 2.390~~

Enclosures:

1. Supplemental response to RAI 5574, Q2.04.02-9: Revised Figure 1

Commitments made by this letter:

1. Incorporate proposed changes in a future COLA submission.

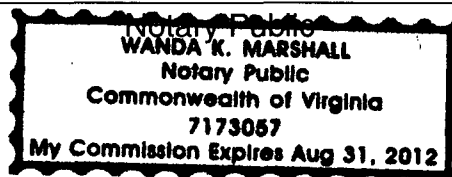
COMMONWEALTH OF VIRGINIA

COUNTY OF HENRICO

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by Eugene S. Grecheck, who is Vice President-Nuclear Development of Virginia Electric and Power Company (Dominion Virginia Power). He has affirmed before me that he is duly authorized to execute and file the foregoing document on behalf of the Company, and that the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 10th day of August, 2011
My registration number is 7173057 and my
Commission expires: August 31, 2012

Wanda K. Marshall



cc: U. S. Nuclear Regulatory Commission, Region II
C. P. Patel, NRC
T. S. Dozier, NRC
J. T. Reece, NRC