



October 24, 2005

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

Serial No. 05-728
ESP/JDH
Docket No. 52-008

DOMINION NUCLEAR NORTH ANNA, LLC
NORTH ANNA EARLY SITE PERMIT APPLICATION
PLANNED REVISION TO UNIT 3 COOLING WATER APPROACH

Dominion Nuclear North Anna, LLC (Dominion) has conducted additional evaluations of cooling water alternatives for a potential third nuclear reactor at its North Anna site. Based on those evaluations, the company has decided to modify its approach for cooling a third unit from the base case currently described in the North Anna Early Site Permit application. The revised approach would reduce both thermal impacts and water consumption associated with Lake Anna. The company is taking this action partly in response to concerns that have been raised by state regulatory bodies and local residents.

Under the revised approach, Unit 3 would use a closed-cycle cooling system that would not utilize the 3,400-acre waste heat treatment facility for cooling. In addition, the evaporative loss of water from Lake Anna required for cooling a third unit would be reduced from that previously considered.

We are currently evaluating the potential impact of this revised approach on the North Anna ESP application and will take appropriate action based on the results of that evaluation. However, it was deemed prudent to advise you of our decision in a timely manner so that you would be aware of this change in plans.

If you have any questions or require additional information, please contact Mr. Tony Banks at 804-273-2170.

Very truly yours,

A handwritten signature in black ink, appearing to read "Eugene S. Grecheck".

Eugene S. Grecheck
Vice President-Nuclear Support Services

Enclosures: None

Commitment made in this letter: Evaluate impact of change in Unit 3 cooling water on
North Anna ESP application

cc: U. S. Nuclear Regulatory Commission, Region II
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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 Support Services, of Dominion Nuclear North Anna, LLC. He has affirmed before me that he is duly authorized to execute and file the foregoing document on behalf of Dominion Nuclear North Anna, LLC, and that the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 24th day of OCTOBER, 2005

My Commission expires: August 31, 2008

Margaret B. Bennett
Notary Public

(SEAL)