

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

January 11, 1980

Mr. Darrel G. Eisenhut  
Acting Director  
Division of Operating Reactors  
Office of Nuclear Reactor Regulation  
United States Nuclear Regulatory Commission  
Washington, DC 20555

Serial No.: 039  
FR/MLB: mvc  
Docket Nos.: 50-280 50-339  
50-281 50-404  
50-338 50-405  
License Nos.: DPR-32  
DPR-37  
NPF-4

Dear Mr. Eisenhut:

We have reviewed your letters of November 9, 1979, November 27, 1979, and December 20, 1979, as well as Mr. Vassallo's letter of November 28, 1979 (transmittal of draft NUREG-0630), from the standpoint of determining both the applicability and impact from incorporating draft NUREG-0630. It is our determination that the impact of applying draft NUREG-0630, assuming it is applicable and no other benefits are considered, will result in peak clad temperatures in excess of the criteria delineated in 10 CFR 50.46 for North Anna Units 1 and 2 and Surry Units 1 and 2. No analyses have been performed under 10 CFR 50.46 for North Anna 3 and 4. When this analysis is performed, it will be performed in full compliance with Appendix K to 10 CFR 50. As a consequence of our above determination on North Anna 1 and 2 and Surry 1 and 2, we have worked with Westinghouse and appropriate members of the NRC staff to quantify these impacts and to identify available benefits to offset these impacts. The specific impact and benefit data provided to the NRC staff on North Anna and Surry as a result of our joint Vepco/Westinghouse meeting with the NRC staff on December 20, 1979 supports continued operation without the need for changes to the Technical Specifications in order to meet the criteria of 10 CFR 50.46 (reference NRC (A. Schwencer) to Vepco (W. L. Proffitt) letter of December 28, 1979, Docket No. 50-338).

We are continuing our assessment of the applicability of the data and modeling techniques being proposed in draft NUREG-0630. However, our conclusion at this time is that the modeling of fuel rod burst temperature and degree of flow blockage in our currently applicable LOCA-ECCS submittals are correct. We will promptly inform you should our assessment of the impact and applicability of draft NUREG-0630 change significantly.

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ADD: 42 Enc  
J. BEARD 1 1  
F. SHOPEC 1 1  
L. RIANI 1 1  
D. VERRELLI 1 1

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Should you have questions, please contact our Mr. M. L. Bowling at (804) 771-3183.

Very truly yours,

*C. M. Stallings*

C. M. Stallings  
Vice President-Power Supply  
and Production Operations

cc: Mr. Albert Schwencer, Chief  
Operating Reactors Branch No. 1  
Division of Operating Reactors

Mr. O. D. Parr, Chief  
Light Water Reactors Branch No. 3  
Division of Project Management

COMMONWEALTH OF VIRGINIA     )  
  ) S. S.  
CITY OF RICHMOND                )

Before me, a Notary Public, in and for the City and Commonwealth aforesaid, today personally appeared C. M. Stallings, who being duly sworn, made oath and said (1) that he is Vice President-Power Supply and Production Operations, of the Virginia Electric and Power Company, (2) that he is duly authorized to execute and file the foregoing Amendment in behalf of that Company, and (3) that the statements in the Amendment are true to the best of his knowledge and belief.

Given under my hand and notarial seal this 11<sup>th</sup> day of  
January, 1981.

My Commission expires January 20, 1981.

Robert M. Nail  
Notary Public

(SEAL)