

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

January 15, 1981

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
Attn: Mr. Robert A. Clark, Chief  
Operating Reactors Branch No. 3  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Serial No. 999A  
NO/LEN/jmj  
Docket No. 50-338  
License No. NPF-4

Dear Mr. Denton:

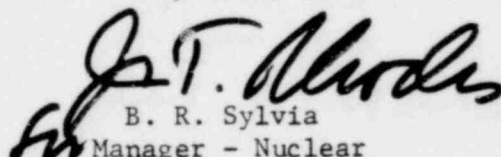
AUXILIARY FEEDWATER SYSTEM REQUIREMENTS  
NORTH ANNA UNIT 1

On December 26, 1980, Vepco responded to the NRC concerning a discrepancy discovered during the North Anna Unit 1 auxiliary feedwater system review required by Enclosure 2 to the NRC letter to Vepco dated September 28, 1979. The discrepancy developed in verifying auxiliary feed pump 1-FW-P-3B flow through calculations, where it was conservatively estimated that the pump would deliver 335 gpm to the steam generator instead of the design basis of 340 gpm. These calculations were performed as required and originally submitted in a letter dated October 6, 1980.

Our December 26, 1980 letter stated that pump tests had been performed and verified 340 gpm are delivered to the steam generator. This statement was in error in that the pump tests run only verified the pump head curve used in the calculations. A subsequent test was run to measure the pressure drop between the pump and the steam generator. Data from these tests is presently being used to determine if 340 gpm are delivered to the steam generator. Results from the final calculations will be forwarded as soon as they are available.

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

Very truly yours,

  
B. R. Sylvia  
Manager - Nuclear  
Operations and Maintenance

cc: Mr. James P. O'Reilly, Director

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