

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

September 30, 1988

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

Serial No. 88-605  
NO/JOE  
Docket No. 50-338  
50-339  
License No. NPF-4  
NPF-7

Gentlemen:

AMENDMENT TO OPERATING LICENSES NPF-4 AND NPF-7  
NORTH ANNA POWER STATION UNITS NO. 1 AND 2  
INCREASE IN FQ(2) LIMIT FOR 18% STEAM GENERATOR TUBE PLUGGING

Pursuant to 10 CFR 50.90, Virginia Electric and Power Company requests amendments, in the form of Technical Specifications changes, to Operating Licenses NPF-4 and NPF-7 for North Anna Units 1 and 2, respectively. We request that the proposed changes be approved for implementation prior to the upcoming refueling outage for Unit 1, currently scheduled to begin in April, 1989.

A LOCA-ECCS reanalysis for North Anna Units 1 and 2 has been performed using the NRC approved Westinghouse 1981 ECCS Large Break Evaluation Model with the BART Code, in compliance with Appendix K to 10 CFR 50. The results meet the acceptance criteria delineated in 10 CFR 50.46. This analysis was performed by the Company's Engineering Staff and will support continued full power operation for both North Anna units at steam generator tube plugging levels of up to 18%. The results of this reanalysis also support a new maximum FQ limit of 2.19.

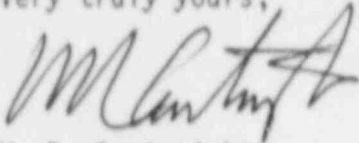
Attachment 1 provides the proposed Technical Specifications changes for Units 1 and 2. The safety evaluation of the proposed changes is presented in Attachment 2. These changes and the supporting documentation have been approved by the Station Nuclear Safety and Operating Committee and by the Safety Evaluation and Control Staff. It has been determined that this request does not pose any unreviewed safety question as defined in 10 CFR 50.59 nor does it pose a significant hazards consideration as defined in 10 CFR 50.92. The basis for the determination that no significant hazards consideration is involved is presented in Attachment 3.

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w/check \$150

We have evaluated this request in accordance with the criteria in 10 CFR 170.12. A check in the amount of \$150 is enclosed as an application fee.

Very truly yours,



W. R. Cartrwright  
Vice President - Nuclear

Attachments

1. Proposed Technical Specifications Changes - Units 1 and 2
2. Safety Evaluation for North Anna Units 1 and 2
3. 10 CFR 50.92 Significant Hazards Evaluation

cc: U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, N.W.  
Suite 2900  
Atlanta, Georgia 30323

Mr. J. L. Caldwell  
NRC Senior Resident Inspector  
North Anna Power Station

Commissioner  
Department of Health  
109 Governor Street  
Richmond, Virginia 23219

COMMONWEALTH OF VIRGINIA )  
COUNTY OF HENRICO )

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by W. R. Cartwright who is Vice President - Nuclear, of Virginia Electric and Power Company. He is duly authorized to execute and file the foregoing document in behalf of that Company, and the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 30 day of September, 1988.  
My Commission expires: February 10, 1989.

Charles H. Keener  
Notary Public

(SEAL)