

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

JACK H. FERGUSON
EXECUTIVE VICE PRESIDENT

February 9, 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. 062
NO/WRM:ms
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

Dear Mr. Denton:

AMENDMENT TO OPERATING LICENSES NPF-4 AND NPF-7
NORTH ANNA POWER STATION UNITS NO. 1 AND NO. 2
PROPOSED TECHNICAL SPECIFICATION CHANGE

Pursuant to 10 CFR 50.90, the Virginia Electric and Power Company requests an amendment, in the form of changes to the Technical Specifications, to Operating Licenses NPF-4 and NPF-7 for North Anna Power Station, Units No. 1 and No. 2. The proposed changes are enclosed.

A charging pump cross-connect modification is being implemented in response to commitments made to the Staff concerning Appendix A to Branch Technical Position 9.5-1 and the Fire Protection Safety Evaluation Report for North Anna Power Station dated February, 1979. The purpose of the charging pump cross-connect modification is to provide alternate shutdown capability in the event a fire disables the charging pumps of one unit by utilizing a charging pump from the opposite unit. The charging pump cross-connect will consist of two normally locked closed manual valves installed between the Unit 1 charging pump discharge header and the Unit 2 charging pump discharge header. Operation of the charging pump cross-connect will be strictly manual and will be local to the headers in the Auxiliary Building.

The proposed change to Specification 3.1.2.3, which requires at least one charging pump to be operable when the unit is in MODES 5 and 6, is to add an ACTION statement requiring restoration of one charging pump to operable status when the opposite unit is in MODES 1, 2, 3, and 4. This requirement will assure the availability of one charging pump for use with the charging pump cross-connect when the non-affected unit is shutdown. Assurance of the availability of at least one charging pump for use with the charging pump cross-connect from an operating non-affected unit is provided by the existing provisions of Specification 3.1.2.4.

If should be recognized that the cross-connect system is not designed for operation during Emergency Core Cooling conditions. Should the non-affected unit experience an Emergency Core Cooling System initiation, the cross-connect valves would be closed. The cross-connect modification will not affect the operation of existing systems or valve line-ups during normal operation or accident conditions when the cross-connect valves are closed.

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The proposed changes have been reviewed and approved by the Station Nuclear Safety and Operating Committee and the System Nuclear Safety and Operating Committee. It has been determined that this request does not involve an unreviewed safety question.

We have reviewed this request in accordance with the criteria in 10 CFR 170.22. Since this request involves a safety issue which the Staff should be able to determine does not involve a significant hazards consideration and a duplicate amendment request for a second essentially identical unit, a Class III license amendment fee and a Class I license amendment fee are required for Unit 1 and Unit 2, respectively. Accordingly, a voucher check in the amount of \$4,400.00 is enclosed in payment of the required fees.

The North Anna Unit 1 refueling outage presently underway is scheduled to be completed on or about March 1, 1981. Approval of this request is needed prior to start-up following the refueling outage; therefore, we would appreciate your prompt review of this request.

Very truly yours,



J. H. Ferguson
Executive Vice President
Power

Attachments:

1. North Anna Unit 1 Proposed Technical Specification Change
2. North Anna Unit 2 Proposed Technical Specification Change
3. Voucher Check No. 6750 for \$4,400.00

cc: Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
Region II

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

Before me, a Notary Public, in and for the City and Commonwealth aforesaid, today personally appeared J. H. Ferguson, who being duly sworn, made oath and said (1) that he is Executive Vice President-Power, 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 9th day of February, 1981.

My Commission expires January 19, 1982.

Evelyn C. Yaros

Notary Public

(I was commissioned as Evelyn Cherry.)

(SEAL)