

VIRGINIA ELECTRIC AND POWER COMPANY

RICHMOND, VIRGINIA 23261

December 28, 1979

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
Attn: Mr. A. Schwencer
Operating Reactors Branch No. 1
Division of Project Management
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Serial No. 1178
LQA/WRM:shs

Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Dear Mr. Denton:

AMENDMENT OF OPERATING LICENSES
SURRY POWER STATION UNIT NOS. 1 AND 2
PROPOSED TECHNICAL SPECIFICATION CHANGE NO. 81

Pursuant to 10CFR50.90, the Virginia Electric and Power Company hereby requests an amendment, in the form of changes to the Technical Specifications, to Operating Licenses DPR-32 and DPR-37 for the Surry Power Station, Unit Nos. 1 and 2. The proposed changes are enclosed and have been designated as Change No. 81.

The enclosed proposed Technical Specification changes are in response to a NRC letter dated September 25, 1979, concerning requirements for auxiliary feedwater systems at Surry Power Station, Units 1 and 2. In accordance with the NRC recommended action, the changes to Specifications 3.6-B.1 and 3.6-C will require operability for two motor driven and one steam driven auxiliary feedwater pumps. Additionally, Specification 3.6-F follows the NRC recommended action for instances when the auxiliary feedwater pumps do not meet the operability requirements by requiring restoration of pump operability within 72 hours or being in hot shutdown within the next 12 hours.

The change to Specification 3.6-D will provide for verification of the normal auxiliary feedwater system valve alignment through control board indicators. The addition of Specifications 4a and 4b will provide for further verification of auxiliary feedwater flow path to the steam generators. Residual heat removal capability can be assured by the availability of either the steam driven auxiliary feedwater pump or one of the motor driven auxiliary feedwater pumps. Since all three auxiliary feedwater pumps discharge to common flow paths, capability of flow to the steam generators is demonstrated by the motor driven pumps prior to the reactor coolant system temperature exceeding 350°F. Flow to the steam generators is again demonstrated by the steam driven auxiliary feedwater pump within 72 hours after achieving criticality where heat generation is sufficient to prohibit undesirable reactor coolant system cooldown. The proposed changes also include acceptance criteria for the flow path test.

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The proposed changes for testing the auxiliary feedwater pumps will not decrease the margin of safety associated with the auxiliary feedwater system; indeed, safety will be enhanced by the verification of auxiliary feedwater flow paths prior to commencing unit power operations.

The proposed change has been reviewed and approved by the Station Nuclear 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 evaluated this request in accordance with the criteria in 10CFR170.22 and have determined that this request involves a single safety issue for Unit 1 and a duplicate safety issue for Unit 2; therefore, a Class III license amendment fee and a Class I license amendment fee are required. Accordingly, a voucher check for \$4,400.00 is enclosed in payment of the required fees.

Very truly yours,

C. M. Stallings

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

Attachments:

1. Proposed Technical Specification Change No. 81
2. Voucher Check No. 07019 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 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 28th day of December, 1979.

My Commission expires January 20, 1981.

Robert M. Paul
Notary Public

(SEAL)