

VIRGINIA ELECTRIC AND POWER COMPANY

RICHMOND, VIRGINIA 23261

February 25, 1980

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

Serial No. 141
LQA/WRM:rab
Docket No. 50-338
License No. NPF-4

Dear Mr. Denton:

AMENDMENT TO OPERATING LICENSE NPF-4
NORTH ANNA POWER STATION UNIT NO. 1
SUPPLEMENT TO PROPOSED TECHNICAL SPECIFICATION CHANGE NO. 26

In a letter dated December 28, 1979, we requested a change to the Technical Specifications for North Anna Power Station Unit No. 1 in response to a NRC letter concerning requirements for auxiliary feedwater systems. Attached are proposed Technical Specification changes to supplement our previous application. These supplemental changes, a result of additional study and review of our previous Technical Specification Change application, address operational concerns associated with the requirement for verification of auxiliary feedwater flow paths.

In accordance with the NRC recommended action, Specification 4.7.1.2.c will require flow path verification only during unit startup following a cold shutdown for both the motor driven auxiliary feedwater pumps and the steam turbine driven auxiliary feedwater pump. The previously proposed Specifications 4.7.1.2.c and 4.7.1.2.d have been deleted. Specification 4.7.1.2.d has been deleted to insure that the steam turbine driven auxiliary feedwater pump is flow tested following a unit cold shutdown instead of each time the unit enters MODE 2 from MODE 3. The provisions for testing all the auxiliary feedwater pumps prior to entry into MODE 3 from MODE 4 following operation in MODE 5 are now incorporated in the revised Specification 4.7.1.2.c.

The deletion in Specification 4.7.1.2.a.1 is necessitated by the fact that during MODE 1, the steam pressure of 835 psig required for performance of the surveillance requirement is not available; therefore, the surveillance requirement cannot be performed. The proposed change will facilitate station operations by making it possible to more readily perform the surveillance requirements. By removing the steam pressure requirement, it will be possible to perform the test in MODE 1 and still meet the acceptance criteria.

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The requested exemption in the ACTION statement is necessary because there is insufficient steam pressure in MODE 4 to perform the steam turbine auxiliary feedwater pump test required by Specification 4.7.1.2.a.1 for entry into MODE 3. The surveillance requirement for testing the steam turbine auxiliary feedwater pump will be performed once adequate steam pressure is available in MODE 3.

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 following a cold shutdown.

This proposed supplemental change has 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.

Since this proposal is a supplement to our original proposed Technical Specification Change No. 26 and does not pose any additional safety questions, an additional license amendment fee is not required.

Very truly yours,

C. M. Stallings

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

Attachment:

Supplement to Proposed Technical Specification
Change No. 26

cc: Mr. James P. O'Reilly
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 25th day of February, 1962.

My Commission expires January 20, 1961.

Robert M. Neil
Notary Public

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