

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

W. L. STEWART
VICE PRESIDENT
NUCLEAR OPERATIONS

October 15, 1984

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

Serial No. 523
NO/JHL:acm
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNIT NOS. 1 AND 2
PROPOSED TECHNICAL SPECIFICATION CHANGES

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 Unit Nos. 1 and 2.

The proposed Technical Specification changes will revise the reactor trip system instrumentation trip setpoint for intermediate range, neutron flux from less than or equal to 25% of rated thermal power to less than or equal to 4×10^{-4} amps. In addition, the Bases for the intermediate range, neutron flux trip must be revised. These changes are necessary because changes in core loading patterns and control rod position effects neutron flux at the excore detectors. It is not possible to calibrate the intermediate range detectors to directly measure percent of rated thermal power.

The proposed Technical Specification changes for North Anna Unit No. 1 are provided in Attachment 1. The proposed Technical Specification changes for North Anna Unit No. 2 are provided in Attachment 2. A safety evaluation discussing the proposed Technical Specification changes is provided in Attachment 3.

This request has been reviewed and approved by the Station Nuclear Safety and Operating Committee and the Safety Evaluation and Control Staff. It has been determined that this request does not involve an unreviewed safety question as defined in 10 CFR 50.59.

It has been determined that these proposed changes do not pose a significant hazards consideration as defined in the Federal Register, dated April 6, 1983, Example (vi) which partially states, "A change which either may result in some increase to the probability or consequences of a previously analyzed accident or may reduce in some way a safety margin, but where the results of the change are clearly within all acceptance criteria with respect to the system or component specified in the Standard Review Plan". The proposed changes have

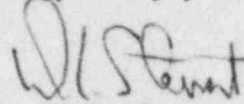
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been reviewed with respect to the accident analyses in the North Anna UFSAR and none are effected. The UFSAR analyses are in accordance with the acceptance criteria of Standard Review Plan 7.2, therefore these changes do not pose a significant hazards consideration.

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

Very truly yours,


W. L. Stewart

Attachments

1. Proposed Technical Specification Changes - Unit 1
2. Proposed Technical Specification Changes - Unit 2
3. Safety Evaluation
4. Voucher Check for \$150

cc: Mr. James P. O'Reilly
Regional Administrator
Region II

Mr. M. W. Branch
NRA Resident Inspector
North Anna Power Station

Mr. Charles Price
Department of Health
109 Governor Street
Richmond, Virginia 23219

COMMONWEALTH OF VIRGINIA)
)
CITY OF RICHMOND)

The foregoing document was acknowledged before me, in and for the City and Commonwealth aforesaid, today by W. L. Stewart who is Vice President - Nuclear Operations, of the 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 15th day of October, 19 84.

My Commission expires: 2-26, 19 85.

Ann C. McRae
Notary Public

(SEAL)

ATTACHMENT 1