

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

April 30, 1990

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

Serial No.: 90-023
NOD/JYR
Docket Nos.: 50-338
50-339
License Nos.: NPF-4
NPF-7

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNITS 1 AND 2
PROPOSED TECHNICAL SPECIFICATION CHANGES
INDIVIDUAL ROD POSITION INDICATION SYSTEM

Pursuant to 10 CFR 50.90, the Virginia Electric and Power Company requests amendments, in the form of changes to the Technical Specifications, to Operating License Numbers NPF-4 and NPF-7 for North Anna Power Station Units 1 and 2, respectively.

The proposed Technical Specifications changes will revise the requirements governing the operability of the Individual Rod Position Indicating (IRPI) system. North Anna has experienced operational difficulties with the IRPI system due to system nonlinearities and both transient and steady state temperature sensitivities. The proposed changes is to shift the emphasis from the IRPI system to the demand position indicating system (the step counters) for rod group position information during shutdown, and certain operational modes such as reactor startup. For those conditions in which information is needed to confirm rod motion and the direction of rod motion, the IRPI system will be available to provide this information.

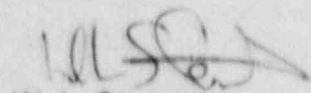
The proposed changes are presented in Attachments 1 and 2 for Units 1 and 2, respectively. A discussion of the proposed changes with the technical justification and safety evaluation of the proposed changes is provided in Attachment 3.

This request has been reviewed by the Station Nuclear Safety and Operating Committee. It has been determined that this request does not involve an unreviewed safety question as defined in 10 CFR 50.59 or a significant hazards consideration as defined in 10 CFR 50.92. The basis for our determination that no significant hazards consideration is involved is presented in Attachment 4.

Should you have any questions or require additional information, please contact us at your earliest convenience.

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Very truly yours,



W. L. Stewart
Senior Vice President - Nuclear

Attachments

1. Proposed Technical Specification Change for North Anna Unit 1
2. Proposed Technical Specification Change for North Anna Unit 2
3. Discussion of Proposed Changes
4. 10 CFR 50.92 Evaluation

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

Mr. M. S. Lesser
NRC Senior Resident Inspector
North Anna Power Station

Commissioner
Department of Health
Room 400
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. L. Stewart who is Senior 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 30th day of April, 1990.

My Commission Expires: May 31, 1994.

Vicki L. Hull
Notary Public

(SEAL)