

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

August 5, 1988

D. S. CRUDEN
VICE PRESIDENT-NUCLEAR

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555

Serial No. 88-476
E&C/RCA:vlh
Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION UNITS 1 AND 2
PROPOSED TECHNICAL SPECIFICATIONS CHANGES
INDIVIDUAL ROD POSITION INDICATION SYSTEM

Pursuant to 10 CFR 50.90, Virginia Electric and Power Company requests an amendment, in the form of changes to the Technical Specifications, to Operating License Nos. DPR-32 and DPR-37 for Surry Unit Nos. 1 and 2, respectively.

The proposed Technical Specifications changes will revise the requirements governing the operability of the Individual Rod Position Indicating (IRPI) System. Surry has experienced operational difficulties with the IRPI system due to system nonlinearities and both transient and steady state temperature sensitivities. The basic thrust of 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 transient operational modes such as reactor startup. For those conditions where confirmatory information demonstrating rod motion on demand is important, the IRPI system will still be available to provide this information.

The proposed changes are presented in Attachment 1. The technical justification and safety evaluation of the proposed changes is provided in Attachment 2.


This request has been reviewed and approved by the Station Nuclear Safety and Operating Committee and by 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 or a significant hazards consideration as defined in 10 CFR 50.92. The basis for the determination that no significant hazards consideration is involved is presented in Attachment 3.

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w/check \$150

An application fee of \$150 is enclosed in accordance with 10 CFR 170.12.

Sincerely yours,



D. S. Cruden

Attachments

1. Proposed Technical Specification Changes
2. Safety Evaluation
3. 10 CFR 50.92 Evaluation
4. Application Fee

cc: Mr. William E. Holland
NRC Senior Resident Inspector
Surry Power Station

Mr. Chandu P. Patel
NRC Surry Project Manager
Project Directorate II-2
Division of Reactor Projects - I/II

Commissioner
Department of Health
Room 400
109 Governor Street
Richmond, Virginia 23219

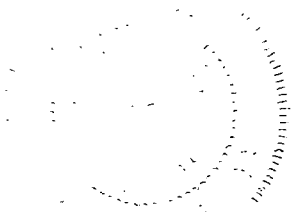
COMMONWEALTH OF VIRGINIA)
)
CITY OF RICHMOND)

The foregoing document was acknowledged before me, in and for the City and Commonwealth aforesaid, today by D. S. Cruden who is 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 5 day of August, 19 88.

My Commission expires: February 25, 19 90.

Vicki L. Hull
Notary Public



(SEAL)