

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

February 23, 1987

W. L. STEWART
VICE PRESIDENT
NUCLEAR OPERATIONS

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

Serial No. 87-001
 E&C/GLD/vlh
 Docket Nos. 50-280
 50-281
 License Nos. DPR-32
 DPR-37

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
AMENDMENT TO OPERATING LICENSES DPR-32 AND DPR-37
SURRY POWER STATION UNITS 1 AND 2
INCREASED FQ(Z) AND ACCUMULATOR VOLUME OPERATING BAND

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

A LOCA-ECCS reanalysis for Surry Units 1 and 2 has been performed using the NRC approved Westinghouse 1981 ECCS Large Break Evaluation Model with the BART Code. The evaluation model changes described in Reference 1 were included in this analysis. The analysis has been performed in compliance with Appendix K to 10 CFR 50 and meets the acceptance criteria delineated in 10 CFR 50.46. This analysis was performed by the Company's Engineering Staff and the results will support continued full power operation for both Surry Units at steam generator tube plugging levels of up to 7 percent. The results of this reanalysis also support a new FQ limit of 2.32. In addition, the analyses will allow accumulator water volume to vary between 975 and 1025 ft³ per accumulator. These results are provided in Attachment 2. Proposed changes to the Technical Specifications, consistent with the reanalysis, are provided in Attachment 1.

This request has been reviewed 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 any unreviewed safety questions as defined in 10 CFR 50.59 nor a significant hazards consideration as defined in 10 CFR 50.92.


8703030021 870223
 PDR ADDCK 05000280
 P PDR

Rec'd w/CHERIC #150.00

A001
 1/1

We have evaluated this request in accordance with the criteria in 10 CFR 170. Accordingly, 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.
2. LOCA-ECCS Safety Evaluation for Surry Units 1 and 2.
3. Voucher Check for \$150.

References

1. M. Y. Young, "Addendum to BART-A1: A Computer Code for the Best Estimate Analysis of Reload Transients " (Special Report: Thimble Modeling in Westinghouse ECCS Evaluation Model): WCAP-9561-P, Addendum 3, Revision 1, July, 1986.

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

Mr. William Holland
NRC Senior Resident Inspector
Surry Power Station

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