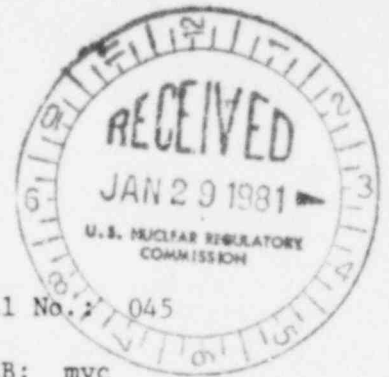


VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

January 27, 1981

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
Attn: Mr. Robert A. Clark, Chief
Operating Reactors Branch No. 3
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Serial No.: 045
FR/WCB: mvc
Docket No.: 50-338
License No.: NPF-4



Dear Mr. Denton:

RELOAD INFORMATION FOR CYCLE 3
NORTH ANNA NUCLEAR POWER STATION UNIT 1

North Anna Unit No. 1 completed its second cycle of operation on December 28, 1980 and went into an outage for refueling. The purpose of this letter is to advise you of our plans for the Cycle 3 reload core.

The Cycle 3 reload core was analyzed in accordance with the methodology documented in Westinghouse topical report WCAP-9272 entitled "Westinghouse Reload Safety Evaluation Methodology." The results of this analysis indicated that no key analysis parameters would become more limiting during Cycle 3 operation than assumed in the currently applicable safety analysis. Therefore, no accident reanalysis was required. Further, the analysis demonstrated that the current Technical Specifications, as approved through Amendment No. 23, are appropriate and require no additional changes.

A detailed review of the Westinghouse methodology, analysis techniques, and results has been conducted by our technical staff. In addition, a review has been performed by both the Station Nuclear Safety and Operating Committee and the System Nuclear Safety and Operating Committee. It has been determined that no unreviewed safety questions as defined in 10 CFR 50.59 will exist as a result of the Cycle 3 reload core.

Verification of the reload core will be performed through a startup physics testing program. Unless otherwise indicated, this program will be consistent with documentation provided in our topical report VEP-FRD-36A, "Control Rod Reactivity Worth Determination by the Rod Swap Technique," transmitted by our letter to you dated January 16, 1981, Serial No. 023.

This letter is provided for your information. However, should you have questions, please contact us at your earliest convenience.

Very truly yours,

W. N. Thomas
W. N. Thomas
Vice President
Fuel Resources

cc: Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
Region II

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