

Vepco

VIRGINIA ELECTRIC AND POWER COMPANY, RICHMOND, VIRGINIA 23261

DEC 12 AM 10
US NRC
DISTRIBUTION SERVICES
BRANCH

December 8, 1980

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.: 970
FR/WCB: plc
Docket No.: 50-338
License No.: NPF-4

Dear Mr. Denton:

EXTENSION OF NORTH ANNA 1, CYCLE 2

As discussed with Mr. Leon Engle of the NRC staff, we plan to extend the length of Cycle 2 by up to 13 EFPD beyond the licensed end of cycle burnup through an extended power coastdown.

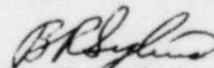
Since this is outside the burnup range considered in the reload safety evaluation (reference letter from C. M. Stallings to you, Serial No. 867, dated November 2, 1979), we have performed a detailed safety evaluation. The results of this safety evaluation indicate that there will be no adverse impact on reactor systems or reactor operations. Further, each of the core physics parameters important to the FSAR Chapter 15 transients were reevaluated and the conclusion that all transients meet their safety criteria has been confirmed.

Consequently, continued operation of Cycle 2 in a power coastdown mode for approximately 13 EFPD beyond the licensed end of cycle burnup will not require any changes to the Technical Specifications or involve an unreviewed safety question. It should be noted that Vepco has obtained considerable experience with this mode of operation at both the Surry and North Anna Power Stations.

The safety evaluation has been reviewed by both the System and Station Nuclear Safety and Operating Committees. It has been determined that no unreviewed safety questions, as defined in 10 CFR 50.59, will be created by the extended power coastdown mode of operation.

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

Very truly yours,



B. R. Sylvia, Manager
Nuclear Operations & Maintenance

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

8012150083