

# Vepco

VIRGINIA ELECTRIC AND POWER COMPANY

May 9, 1980

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
Attn: Mr. Steven A. Varga, Chief  
Operating Reactors Branch No. 1  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

Serial No.: 398  
FR/RWC: mvc  
Docket No.: 50-280  
License No.: DPR-32

Dear Mr. Denton:

POWER COASTDOWN OPERATION FOR SURRY UNIT 1, CYCLE 5

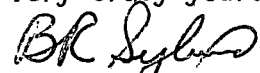
At the current time, we plan to extend the length of Cycle 5 by up to approximately 59 effective full power days (EFPD) through a power coastdown mode of operation. A 30 EFPD cycle extension in a coastdown mode of operation was explicitly evaluated and discussed in the Reload Safety Evaluation for Unit 1, Cycle 5 (reference the C. M. Stallings (Vepco) to E. G. Case (NRC) letter, dated March 15, 1978, Serial No. 108). A safety evaluation to extend the coastdown an additional 29 EFPD has been conducted. The results of this evaluation indicated that there will be no adverse impact on reactor systems or reactor operations. Further, each of the appropriate core physics parameters important to the transients identified in Chapter 14 of the FSAR were reevaluated and the conclusion that all of these transients continue to meet the original FSAR safety criteria has been reaffirmed.

Consequently, continued operation of Cycle 5 in a power coastdown mode for an additional 29 EFPD 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 the Surry Nuclear Power Station, and this mode of operation is routinely incorporated into reload license amendments.

The safety evaluation has been reviewed 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 be created by the 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. According to our current schedules, we plan to implement the power coastdown mode of operation for Surry Unit No. 1 during August 1980.

Very truly yours,



B. R. Sylvia, Manager  
Nuclear Operations and Maintenance

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

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