

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

June 3, 1996

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

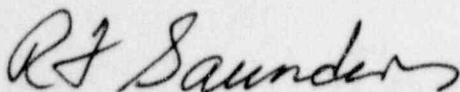
Serial No. 96-277
NL&CS/EJW
Docket No. 50-338
License No. NPF-4

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNIT 1
CYCLE 12 STARTUP PHYSICS TESTS REPORT AND
CYCLE 11 CORE PERFORMANCE REPORT

Pursuant to North Anna Unit 1 Technical Specification 6.9.1, five copies of Virginia Power Technical Report NE-1073, Rev. 0, "North Anna Unit 1, Cycle 12 Startup Physics Tests Report," are enclosed herein. Additionally, five copies of Virginia Power Technical Report NE-1068, Rev. 0, "North Anna Unit 1, Cycle 11 Core Performance Report," are enclosed for your information. The Cycle 12 Startup Physics Tests Report summarizes the results of the physics testing program performed after initial criticality of Cycle 12 on March 10, 1996. Those test results were within the required design tolerances and applicable Technical Specification limits. The Core Performance Report presents analyses of burnup distribution, reactivity depletion, power distribution, and primary coolant activity for routine operation during Cycle 11, which ended on February 11, 1996. These analyses concluded that the Cycle 11 core performed as predicted and within the margins and limits stipulated by Technical Specifications.

Very truly yours,



R. F. Saunders
Vice President Nuclear Operations

Enclosures

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cc: United States Nuclear Regulatory Commission
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Mr. R. D. McWhorter
NRC Senior Resident Inspector
North Anna Power Station

ENCLOSURE 1

NORTH ANNA UNIT 1

CYCLE 12 STARTUP PHYSICS TESTS REPORT