VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

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United States Nuclear Regulatory Commission
Attention: Document Control Desk
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Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNITS 1 AND 2
ANNUAL ENVIRONMENTAL OPERATING REPORT

Enclosed is the Annual Environmental Operating Report for North Anna Power Station Units 1 and 2 for 2005, pursuant to Section 5.4.1 of the Technical Specifications, Appendix B - Environmental Protection Plan.

If you have any questions or require additional information, please contact Page Kemp at (540) 894-2295.

Very truly yours,

J. M. Davis
Site Vice President

Enclosure

cc: U. S. Nuclear Regulatory Commission
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Mr. J. T. Reece
NRC Senior Resident Inspector
North Anna Power Station

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VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

UNITS 1 AND 2

APPENDIX B

ENVIRONMENTAL PROTECTION PLAN

2005 ANNUAL REPORT

DOCKET NOS. 50-338 AND 50-339

INTRODUCTION

This 2005, Environmental Operating Report for the North Anna Power Station is submitted by Virginia Electric and Power Company, as required under Section 5.4.1 of Appendix B, Environmental Protection Plan (EPP).

The objective of the EPP is to verify that the North Anna Power Station is operated in an environmentally acceptable manner, consistent with NRC and other federal, state and local requirements as well as to keep the NRC informed of any environmental effects of facility construction or operation.

During 2005, no significant adverse environmental impact occurred as a result of the operation of North Anna Power Station, Units 1 and 2. Aquatic issues are addressed in the licensee's VPDES permit (number VA 0052451) issued by the Virginia State Water Control Board. The VPDES permitting program is administered by the Department of Environmental Quality and the NRC relies on this agency for regulation of matters involving water quality and aquatic biota.

Listed below are the summaries and analyses required by Subsection 4.2 of the EPP.

PLANT DESIGN AND OPERATION (SECTION 3.1)

A review of all changes in station design or operation, tests and experiments failed to reveal any potentially, significant, unreviewed, environmental issues.

EROSION CONTROL INSPECTION - SITE (SECTION 4.2.2.1)

Performance of Periodic Test Procedure, 1-PT-9.3, Erosion Control Inspection-Station Site, by the Civil/Design Engineering Department identified four (4) areas of concern that needed corrective action. Two areas involved soil erosion which were subsequently filled-in with topsoil and re-seeded. The other two areas involved low spots next to parking lots, which were filled-in with stone to improve drainage. All corrective actions have been completed and none of the areas of concern impacted station safety or operability.

EROSION AND SEDIMENT CONTROL PROGRAM - CORRIDOR RIGHTS-OF-WAY SECTION 4.2.2.2)

During 2005, all transmission line rights-of-way were patrolled to coordinate brush and tree work needed for maintenance of the lines. This work involved the following:

- North Anna-to-Gordonsville corridor: A contract crew completed all brush and tree work in October 2005. A follow-up inspection of all work performed was done as the work progressed.
- North Anna-to-Morrisville corridor: A contract crew was on the line for one week to complete needed work. A follow-up inspection was completed in 2005.
- North Anna to Ladysmith corridor: A contract crew performed work on one tree, a follow-up inspection was completed in 2005.
- North Anna to Midlothian corridor: No immediate action was necessary for line reliability or safety issues.

On both the North Anna-to-Ladysmith and the North Anna-to-Midlothian corridors, a Dominion forester was on the lines numerous times following weed control herbicide activities performed as follow-up to 2004 herbicide applications.

During all of the above-noted patrols and follow-up observations, no abnormal erosion conditions were observed on any of the above corridors associated with transmission line construction, modification, maintenance activities or the use of herbicides during 2005.

NON-COMPLIANCE (SECTION 5.4.1)

There were no non-compliances with the Environmental Protection Plan during 2005.

NON-ROUTINE REPORTS (SECTION 5.4.2)

No Non-Routine (30-day) written reports were required to be submitted relative to non-compliance with the Station's VPDES permit, or any other State or Federal regulations, during 2005.