

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 (DOMINION)
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 2008, 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,



Daniel G. Stoddard, P.E.
Site Vice President

Enclosure

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

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VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)

NORTH ANNA POWER STATION

UNITS 1 AND 2

APPENDIX B

ENVIRONMENTAL PROTECTION PLAN

2008 ANNUAL REPORT

DOCKET NOS. 50-338 AND 50-339

INTRODUCTION

The 2008 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 2008, 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. One area involved minor soil erosion which was subsequently corrected with re-seeding. Two areas involved animal burrows, which were filled-in. Another area involved a hole caused by erosion and soil settlement, which was subsequently filled in. 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 2008, 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: The patrol revealed that there was significant tree and brush work needed. A contract crew began work in October 2008 and completed the work in early April 2009. An inspection was done after the work was completed. No further issues were observed. No significant erosion and sedimentation issues were observed.
- North Anna-to-Morrisville corridor: The patrol revealed that there was no significant tree or brush work needed. No significant erosion and sedimentation issues were observed.
- North Anna to Ladysmith corridor: The patrol revealed that there was no significant tree or brush work needed. No significant erosion was observed.
- North Anna to Midlothian corridor: The patrol revealed that there was no significant tree or brush work needed. No significant erosion and sedimentation issues were observed.

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 2008.

NON-COMPLIANCE (SECTION 5.4.1)

There were no non-compliances with the Environmental Protection Plan during 2008.

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 Stations VPDES permit, or any other State or Federal environmental regulations, during 2008.