

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

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

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Docket Nos. 50-338  
50-339  
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Gentlemen:

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

Pursuant to Section 5.4.1 of the Appendix B Technical Specifications, Environmental Protection Plan, enclosed is the Annual Environmental Operating Report for North Anna Power Station Units 1 and 2 for 1999.

If you have any questions or require additional information, please contact us.

Very truly yours,

  
W. R. Matthews  
Site Vice President

Enclosure

cc: U. S. Nuclear Regulatory Commission  
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Mr. M. J. Morgan  
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

1999 ANNUAL REPORT

DOCKET NOS. 50-338 AND 50-339

## **INTRODUCTION**

This 1999 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 objectives of the EPP are to verify that the power station is operated in an environmentally acceptable manner, to coordinate NRC requirements, maintain consistency with other federal, state and local requirements, and to keep the NRC informed of the environmental effects of facility construction and operation. During 1999, 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-Water Division and the NRC relies on this agency for regulation of matters involving water quality and aquatic biota. Listed below are the summaries and reports as required under Section 5.4.1 of the EPP.

## **PLANT DESIGN AND OPERATION (SECTION 3.1)**

There were no changes in station design and operation proposed in 1999 that involved a potentially significant unreviewed environmental issue.

**EROSION CONTROL INSPECTION - SITE (SECTION 4.2.2.1)**

An on-site erosion control inspection was performed at North Anna Power Station by the Civil/Design Engineering Department beginning December 1, 1999 and ending on December 14, 1999, according to Periodic Test Procedures 1-PT-9.3, Erosion Control Inspection - Station Site. Erosion was minor or non-existent in most areas. One culvert under the station access road was noted to be partially blocked by debris and sediment. Some erosion was noted adjacent to the station access road and also just outside the fence of the Independent Spent Fuel Storage Installation (ISFSI). All noted deficiencies have been corrected.

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

Erosion inspections were made on the following corridor rights-of-way during 1999: North Anna - Midlothian; North Anna - Morrisville; North Anna - Gordonsville; and North Anna - Ladysmith. There were no locations recorded on these lines where significant erosion had occurred. The herbicides Accord and Arsenal were used for brush control on the North Anna - Midlothian right-of-way during 1999.

**NONCOMPLIANCE (SECTION 5.4.1)**

There were no Environmental Protection Plan occurrences of noncompliance during 1999.

**NONROUTINE REPORTS (SECTION 5.4.2)**

There were no nonroutine reports during 1999.