

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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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 2015, 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 Robin Klearman at (540) 894-2436.

Very truly yours,



Gerald T. Bischof
Site Vice President

Enclosure

cc: U. S. Nuclear Regulatory Commission
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NRC Senior Resident Inspector
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IE25
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VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION
UNITS 1 AND 2

APPENDIX B
ENVIRONMENTAL PROTECTION PLAN
2015 ANNUAL REPORT
DOCKET NOS. 50-338 AND 50-339

INTRODUCTION

This 2015, 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 2015, no significant adverse environmental impacts 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 (DEQ) 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, and 0-PT-75.12: Visual Inspection of the Service Water Reservoir Dike Crest and Toe, were completed by the Civil/Design Engineering Department. Seven (7) areas of concern were identified during the performance of 1-PT-9.3. One (1) area of concern was identified during the performance of 0-PT-75.12.

The areas identified in 1-PT-9.3 were minor erosion issues. Two (2) of the areas identified were due to minor erosion concerns near the Fabrication Shop and Warehouse 5, where grading or additional gravel was needed due to rutting observed in gravel areas. Two (2) of the areas identified were due to excess gravel

build-up in concrete drainage ditches adjacent to the warehouse road and main access road, that needed to be cleaned out. There were two (2) issues of animal burrows near Warehouse 5 and the ISFSI area, which needed to be filled. There was one (1) area identified where gravel and sediment had clogged a culvert pipe near Warehouse 6, which needed to be cleaned out. The one (1) area identified during the performance of 0-PT-75.12 was animal burrows observed near the Service Water Reservoir's horizontal drain gallery, which needed to be filled. All of the issues identified were entered into the station's corrective action system and work orders were assigned. All of the work that was assigned to correct the identified issues was completed by April 13th, 2016. All of the issues identified were minor erosion issues that did not adversely impact site erosion control measures, or station operation.

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

During 2015, 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 did not reveal any vegetation issues that needed work. No significant erosion and sedimentation issues were observed.
- North Anna-to-Morrisville corridor: The patrol revealed that there were some minor vegetation issues. Herbicide applications commenced on 08/04/15 and were completed on 08/20/15. No significant erosion and sedimentation issues were observed.
- North Anna to Ladysmith corridor: The patrol did not reveal any vegetation issues that needed work. No significant erosion and sedimentation issues were observed.
- North Anna to Midlothian corridor: The patrol did not reveal any vegetation issues that needed work. 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 2015.

NON-COMPLIANCE (SECTION 5.4.1)

There were no non-compliances with the Environmental Protection Plan during 2015.

NON-ROUTINE REPORTS (SECTION 5.4.2)

There were no non-routine reports for 2015.