



October 4, 2004

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

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Docket No. 50-338
License No. NPF-4

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNIT 1
STEAM GENERATOR TUBE PLUGGING REPORT

Scheduled eddy current inspections of the North Anna Unit 1 "C" steam generator were completed during the Fall 2004 Refueling Outage. In accordance with North Anna Power Station Technical Specifications, Reporting Requirement 5.6.7.a, this letter provides notification of a steam generator tube that was plugged during the outage. The tube was damaged by a foreign object and had an indication of damage that exceeds the North Anna Technical Specification plugging limit of 40 percent through wall. The indication was found by Bobbin Probe Examination in tube SGC R37 C79. A loose part was also noted at the time of inspection and subsequently removed. The tube was then tested with a rotating pancake coil for sizing. Using three different approved sizing techniques resulted in the following assessments with the most conservative being 43 percent through wall.

<u>Technique No.</u>	<u>Depth (TW)</u>	<u>Circumferential</u>	<u>Axial</u>
ETSS 96910	18%	0.41"	0.14"
ETSS 96911	30%	0.41"	0.14"
ETSS 21998	43%	0.44"	0.16"

Bobbin coil and rotating pancake coil inspection of potentially affected surrounding tubes revealed no additional damage.

Should you have any questions or require additional information, please contact Mr. Thomas Shaub at (804) 273-2763.

Very truly yours,

C. L. Funderburk, Director
Nuclear Licensing and Operations Support
Dominion Resources Services, Inc.
for Virginia Electric and Power Company

No new commitments are intended by this letter.

cc: U.S. Nuclear Regulatory Commission
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