

June 1, 2006

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555

Serial No. 06-446  
NL&OS/vlh  
Docket No. 50-280  
License No. DPR-32

**VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)**  
**SURRY POWER STATION UNIT 1**  
**STEAM GENERATOR TUBE INSPECTION REPORT**

Planned eddy current inspections were conducted on the "A" and "C" steam generators during the Surry Unit 1 spring 2006 refueling outage. In accordance with Surry Power Station Technical Specification 4.19.F.a, this letter provides notification of the number of steam generator tubes that were plugged during the outage. The tables below show that thirteen (13) tubes were plugged in "A" steam generator and three (3) tubes were plugged in "C" steam generator. The following inspection results were obtained by using three different approved sizing techniques in the assessments.

**Steam Generator "A"**

The following thirteen (13) tubes were plugged in "A" steam generator as a result of this inspection:

Location	% TW	Plugging Attribute	Sizing Technique
Row 3, Column 27	N/A	Permeability Variations	
Row 4, Column 82	N/A	Permeability Variations	
Row 5, Column 88	40%	Loose Part Wear	21998.1
Row 6, Column 71	N/A	Permeability Variations	
Row 10, Column 24	N/A	Permeability Variations	
Row 14, Column 73	N/A	Permeability Variations	
Row 19, Column 55	N/A	Permeability Variations	
Row 32, Column 51	N/A	Permeability Variations	
Row 35, Column 68	65%	Loose Part Wear	96910.1 / In Situ
Row 35, Column 69	49%	Loose Part Wear	96910.1 / In Situ
Row 36, Column 49	41%	Loose Part Wear	21998.1
Row 36, Column 50	43%	Loose Part Wear	21998.1
Row 36, Column 68	54%	Loose Part Wear	21998.1

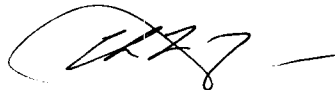
**Steam Generator "C"**

The following three (3) tubes were plugged in "C" steam generator as a result of this inspection:

Location	% TW	Plugging Attribute	Sizing Technique
Row 11, Column 37	27%	AVB Wear	96004.1
Row 15, Column 62	27%	Loose Part Wear	21998.1
Row 38, Column 62	32%	Loose Part Wear	21998.1

No new commitments are being made as a result of this letter. If you have any questions concerning these results, please contact Mr. Gary Miller at (804) 273-2771.

Very truly yours,



C. L. Funderburk, Director  
Nuclear Licensing & Operations Support  
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