

# CATEGORY 1

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SUBJECT: Provides notification of number of steam generator tubes  
that were plugged during spring 1999 Refueling Outage.

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VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

May 17, 1999

Director of Nuclear Reactor Regulation  
United States Nuclear Regulatory Commission  
Washington, DC 20555-0001

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Gentlemen:

**VIRGINIA ELECTRIC AND POWER COMPANY**  
**SURRY POWER STATION UNIT 2**  
**STEAM GENERATOR TUBE INSPECTION REPORT**

Planned inservice inspection of the Surry Unit 2 "A" steam generator was completed during the spring 1999 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 following nine tubes were plugged:

**Steam Generator "A"**

<u>Row</u>	<u>Column</u>	<u>Specifics</u>
1	36	Tube was preventively plugged because it would not allow passage of a standard 0.720 inch eddy current probe. This tube did allow passage of a 0.680 inch eddy current probe. The tube was examined to the extent practicable and no defects were found.
4	43	Plugged for a pit-like indication on the cold leg side of the steam generator at 2.44 inches above the tube sheet.
4	45	Plugged for two pit-like indications on the cold leg side of the steam generator at 2.3 and 3.2 inches above the tube sheet.
6	38	Plugged for two pit-like indications on the cold leg side of the steam generator at 3.8 and 4.2 inches above the tube sheet.

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7	36	Plugged for a pit-like indication on the cold leg side of the steam generator at 4.7 inches above the tube sheet.
7	49	Plugged for two pit-like indications on the cold leg side of the steam generator at 4.27 and 5.47 inches above the tube sheet.
7	57	Plugged for a pit-like indication on the cold leg side of the steam generator at 3.06 inches above the tube sheet.
9	51	Plugged for a pit-like indication on the cold leg side of the steam generator at 3.19 inches above the tube sheet.

**Steam Generator "C"**

<u>Row</u>	<u>Column</u>	<u>Specifics</u>
25	13	Plugged for a pit-like indication on the cold leg side of the steam generator at 2.2 inches above the tube sheet.

No new commitments are being made as a result of this letter. If you have any questions concerning these results, please contact us.

Very truly yours,



J. H. McCarthy, Manager  
Nuclear Licensing and Operations Support

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