

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

October 19, 2000

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

Serial No.: 00-542  
NLOS/mm  
Docket No.: 50-281  
License No.: DPR-37

Gentlemen:

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

Planned inservice inspection of the Surry Unit 2 "C" steam generator was completed during the fall 2000 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.

**Steam Generator "C"**

Seven tubes were plugged based on the review of the current inspection data, evaluations required by the S/G Program Plan and updated industry information as referenced in the pre-outage assessment. All seven tubes were plugged due to wear at Anti-Vibration Bars (AV). Two indications exceeding the 40% through wall plugging limit were detected and the corresponding tubes were plugged. The remaining five tubes were administratively plugged due to a higher than expected growth rate. The following list identifies the tubes that were evaluated and plugged:

Row/Col	Location	Indication	%Through Wall
R37 C30	AV3	%WEAR	41
R38 C34	AV3	%WEAR	43
R43 C40	AV2	%WEAR	29
R28 C49	AV4	%WEAR	27
R35 C54	AV2	%WEAR	28
R40 C54	AV3	%WEAR	28
R40 C57	AV1	%WEAR	29

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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,



FOR:

W. F. Renz, Acting Manager  
Nuclear Licensing and Operations Support

cc: U. S. Nuclear Regulatory Commission  
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Mr. R. A. Musser  
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Surry Power Station