



Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37379

August 2, 1999

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

Gentlemen:

In the Matter of ) Docket No. 50-328  
Tennessee Valley Authority )

**SEQUOYAH NUCLEAR PLANT (SQN) - UNIT 2 CYCLE 9 12-MONTH STEAM  
GENERATOR (SG) INSPECTION REPORT AND 90-DAY REPORT FOR  
VOLTAGE-BASED ALTERNATE REPAIR CRITERIA**

In accordance with the requirements of SQN Unit 2 Technical Specifications 4.4.5.5.b and TS 4.4.5.5.c, TVA is submitting the enclosed report that includes the following:

- (1) results of SG inservice inspections,
- (2) written follow-up information for a SG categorized as C-3,
- (3) results of voltage-based repair criteria for Cycle 10 operation.

During the scheduled SQN U2C9 refueling outage, extensive inservice inspections were conducted in all four SGs to address active and potential damage mechanisms identified in the Unit 2 Degradation Assessment. The results of the inspections were classified as follows:

|                | <u>SG 1</u> | <u>SG 2</u> | <u>SG 3</u> | <u>SG 4</u> |
|----------------|-------------|-------------|-------------|-------------|
| Bobbin         | C-2         | C-2         | C-2         | C-2         |
| TTS RPC        | C-2         | C-2         | C-2         | C-2         |
| Freespan Dents | C-1         | C-1         | C-1         | C-1         |
| U-Bend +Point  | C-2         | C-3         | C-1         | C-1         |

(TTS - top of tubesheet, RPC - rotating pancake coil)


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The results of voltage-based repair criteria for Cycle 10 operation are provided as an attachment to the enclosed report. This report is submitted to you in accordance with SQN Unit 2 License Condition 2.C.(8)(b). The report was prepared by Westinghouse Electric Company. TVA has reviewed the report and concurs with the results.

If you have any questions, please call me at (423) 843-7170 or Jim Smith at (423) 843-6672.



Pedro Salas  
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Enclosure

cc (Enclosure):

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