



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

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Vice President, Sequoyah Nuclear Plant

March 31, 1993

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

Gentlemen:

In the Matter of )  
Tennessee Valley Authority )

Docket No. 50-328

SEQUOYAH NUCLEAR PLANT (SQN) - UNIT 2 - INSERVICE INSPECTION (ISI) OF  
UNIT 2 STEAM GENERATOR (S/G) TUBES (UNIT 2 CYCLE 5 REFUELING OUTAGE)

As required by SQN Technical Specification (TS) Surveillance Requirement (SR) 4.4.5.5.b, enclosed are the results of the S/G tube ISI completed for Unit 2 during the Unit 2 Cycle 5 refueling outage. The subject ISI was completed on April 19, 1992.

The initial inspection samples in all four S/Gs were classified as Category C-2 (categories are defined in SR 4.4.5.2). In S/Gs 1 and 4, the first expansion sample was classified as Category C-2. In S/Gs 2 and 3, the first expansion sample was classified as Category C-2, while the second expansion sample (all remaining tubes) was classified as Category C-1. Table 6 in the enclosed report summarizes service-induced wall-loss indications, sample classification, and S/G inspection scope for the SQN Unit 2 Cycle 5 ISI.

TVA performed eddy current examinations such that the following total percentages of tubes were examined with bobbin coil probes full length, rotating pancake coil (RPC) at the hot-leg top-of-tubesheet (HTS), and RPC at the first hot-leg support plate (H01):

S/G	Full Length Bobbin	HTS RPC	H01 RPC
130061 1	51 percent	54 percent	9 percent
2	57 percent	100 percent	9 percent
3	42 percent	100 percent	6 percent
4	39 percent	42 percent	6 percent

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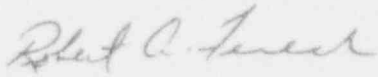
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All Row 2 tube U-bends in each S/G were examined by RPC (Row 1 tubes have been preventively plugged).

As a result of these examinations, five tubes were plugged in S/G 1, nineteen tubes were plugged in S/G 2, twelve tubes in S/G 3, and two tubes in S/G 4.

No commitments are contained in this submittal. Please direct questions concerning this issue to D. V. Goodin at (615) 843-7734.

Sincerely,



Robert A. Fenech

Enclosure

cc (Enclosure):

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