



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

October 18, 1996

TVA-SQN-TS-96-05

10 CFR 50.90

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

Gentlemen:

In the Matter of )  
Tennessee Valley Authority )

Docket Nos. 50-327  
50-328

SEQUOYAH NUCLEAR PLANT (SQN) - TECHNICAL SPECIFICATION (TS)  
CHANGE 96-05, "ELIMINATION OF CYCLE 8 LIMITATION FOR STEAM GENERATOR  
(S/G) ALTERNATE PLUGGING CRITERIA (APC)"

- References:
1. TVA letter to NRC dated September 7, 1995, "Sequoyah Nuclear Plant (SQN) - Technical Specification (TS) Change 95-15, 'Alternate Plugging Criteria For Steam Generator (S/G) Tubing - Unit 1'"
  2. TVA letter to NRC dated December 12, 1995, "Sequoyah Nuclear Plant (SQN) - Technical Specification (TS) Change 95-23, 'Alternate Plugging Criteria (APC) For Steam Generator (S/G) Tubing - Unit 2'"
  3. TVA letter to NRC dated March 4, 1996, "Sequoyah Nuclear Plant (SQN) - NRC Request for Additional Information - Technical Specification (TS) Change 95-23, 'Alternate Plugging Criteria (APC) for Steam Generator (S/G) Tubing - Unit 2'"

In accordance with 10 CFR 50.90, we are enclosing an amendment to Licenses DPR-77 and DPR-79 to change the TSs of SQN Units 1 and 2. The proposed change removes existing footnotes that limit application of APC for SQN's S/G tubes to Cycle 8 operation for both units. Removal of these footnotes provides generic application of APC for SQN beyond Cycle 8 operation. Note that TVA's commitments and responses to Generic Letter 95-05 as contained in the referenced letters remain unchanged.

By the Reference 3 letter, TVA addressed three items in response to NRC questions concerning TVA's Reference 2 amendment request. A summary of the items addressed in the letter are as follows:

1. TVA provided a copy of the current crack growth data from the EPRI database entitled, "EPRI ARC Database for 3/4 Inch and 7/8 Inch Diameter Tubes and Updated ARC Correlation for 7/8 Inch Diameter Tubes." This data

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was requested by NRC to support review of TVA's crack growth-rate estimates from SQN's Unit 2 Cycle 7 S/G inspections.

2. TVA provided test data to support TVA's commitment for implementing GL 95-05. TVA's commitment addressed Item 3.b.3 of GL 95-05. The commitment statement reads: "Axial indications in dents less than 5 volts that are structurally significant will be detected with bobbin coil ..."
3. TVA provided its plan for submitting a license amendment for permanent application of APC to Units 1 and 2 following final resolution of the probe wear and probe variability issues within the nuclear industry.

With regard to the items above, it should be noted that TVA intends to apply this information to Unit 1 since these issues were addressed in response to TVA's TS amendment request for SQN Unit 2.

The proposed TS change is identified in Enclosure 1. The justification for the proposed TS change is provided in Enclosure 2. A proposed determination of no significant hazards consideration performed pursuant to 10 CFR 50.92 is provided in Enclosure 3. Enclosure 4 provides the retyped pages for the proposed TS change.

NRC approval of this TS change is requested by January 1997 to support plant operation beyond the Unit 1 Cycle 8 refueling outage that is currently scheduled for March 1997. The basis for this amendment request is recent industry resolution of the probe wear and probe variability issues.

TVA requests a 45-day implementation period for this TS change following issuance.

Please direct questions concerning this issue to D. V. Goodin at (423) 843-7734.

Sincerely,

*R. H. Shell*

R. H. Shell  
Manager  
SQN Site Licensing

Sworn to and subscribed before me  
this 18<sup>th</sup> day of October 1996

*Brenda L. Coffman*  
Notary Public  
My Commission Expires Oct. 21, 1996

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(Enclosures):

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