



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

Ken Powers  
Vice President, Sequoyah Nuclear Plant

June 28, 1994

TVA-SQN-TS-94-09

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 No. 50-328

SEQUOYAH NUCLEAR PLANT (SQN) - TECHNICAL SPECIFICATION (TS)  
CHANGE 94-09, ALTERNATE PLUGGING CRITERIA FOR STEAM GENERATOR (S/G)  
TUBING - UNIT 2

Reference: TVA letter to NRC dated January 8, 1993, "Sequoyah Nuclear Plant  
(SQN) - Technical Specification (TS) Change 92-10, W\* Tube Plugging  
Criteria For Steam Generators (S/G)"

In accordance with 10 CFR 50.90 we are enclosing a requested amendment to License DPR-79 to change the TSs of SQN Unit 2. The proposed change revises TS surveillance requirements and bases to incorporate alternate S/G tube plugging criteria at tube support plate (TSP) intersections. The approach taken is similar to interim plugging criteria approved by NRC for Farley Unit 1 and D. C. Cook Unit 1 nuclear plants. The basis for the change in the plugging criteria is maintaining the structural integrity of the tubing as defined by Regulatory Guide 1.121.

The proposed TS change is identified in Enclosure 1. The justification of 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. Commitments associated with this proposed TS change are provided in Enclosure 4. Enclosure 5 contains a copy of Westinghouse Commercial Atomic Power (WCAP) 13990, "Sequoyah Units 1 and 2 Steam Generator Tube Plugging Criteria for Indications at Tube Support Plates" (proprietary). Enclosure 6 contains a copy of the non-proprietary version of WCAP-13990.

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*APR 11 Change NRC for Hr 1 Each w/out Prop Incl*

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Since WCAP-13990 contains information proprietary to Westinghouse, Enclosure 7 contains the application for withholding and affidavit (CAW-94-641) signed by Westinghouse, the owner of the information, as well as the proprietary information notice and copyright notice. The application for withholding and the affidavit set forth the basis on which the information may be withheld from public disclosure by NRC and address with specificity the considerations listed in Section 2.790, Paragraph (b)(4) of the NRC regulations.

Accordingly, it is respectfully requested that information that is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR, Section 2.790, of the NRC regulations.

Correspondence, with respect to the copyright or proprietary aspects of the items listed above or the supporting Westinghouse affidavit, should reference CAW-94-641 and should be addressed to N. J. Liparulo, Manager of Nuclear Safety and Regulatory Activities, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

While S/G TSP tube degradation at SQN is not expected to be significant, TVA is submitting this TS change in advance as a contingency measure to prevent an exigent request for alternate plugging criteria implementation. If a sufficiently high number of TSP outer-diameter stress corrosion cracking indications are detected during SQN's upcoming Unit 2 Cycle 6 refueling outage (scheduled for July 1994), NRC will be asked to review and issue the proposed change. TVA will keep NRC project management informed of any schedule changes through routine project review meetings.

In addition, TVA is withdrawing TS Change 92-10 containing the W\* tube plugging criteria for S/G tubesheet region of WEXTEx expansions. TS Change 92-10 was previously submitted to you by the referenced letter. In the long-term, TVA intends to submit a TS amendment for SQN Units 1 and 2 that adds alternate S/G plugging criteria. This amendment will be based on the guidance provided in NRC's finalized generic letter that is scheduled to be published in October 1994.

U.S. Nuclear Regulatory Commission

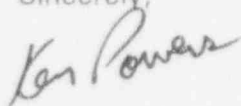
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TVA requests a 45-day implementation period for this TS change following issuance.

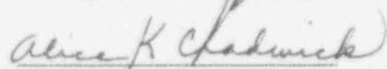
Please direct questions concerning this issue to D. V. Goodin at (615) 843-7734.

Sincerely,



Ken Powers

Sworn to and subscribed before me  
this 28th day of June 1994



Notary Public

My Commission Expires 2/8/97

Enclosures

cc (Enclosures 1-4):

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