



Tennessee Valley Authority Post Office Box 2000, Seelye Daley, Tennessee 37379

Jack L. Wilson  
Vice President, Sequoyah Nuclear Plant

February 20, 1992

TVA-SQN-TS-92-02

10 CFR 50.90

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

Gentlemen:

In the Matter of ) Docket No. 50-327  
Tennessee Valley Authority )

SEQUOYAH NUCLEAR PLANT (SQN) - UNIT 1 - TECHNICAL SPECIFICATION (TS)  
CHANGE 92-02, "REVISION OF OVERTEMPERATURE (OT) DIFFERENTIAL TEMPERATURE ( $\Delta T$ ),  
OVERPOWER (OP)  $\Delta T$ , AND REACTOR COOLANT SYSTEM (RCS) LOOP  $\Delta T$  ALLOWABLE VALUES  
AND CALIBRATION REQUIREMENT FOR RCS RESISTANCE TEMPERATURE DETECTORS (RTDs)"

In accordance with 10 CFR 50.90, we are enclosing a requested amendment to License DPR-77 to change the TSs of SQN Unit 1. The proposed change will revise the allowable values for OT $\Delta T$ , OP $\Delta T$ , and RCS loop  $\Delta T$  items in Tables 2.2-1 and 3.3-4 for reactor trip and engineered safety feature functions. Additionally, the 18-month requirement for calibration of functions in Tables 4.3-1 and 4.3-2 associated with RCS RTDs is revised to utilize a technical evaluation in lieu of a cross-calibration of RTD sensors. The requested changes are for Unit 1 Cycle 6 operation only.

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. Westinghouse Electric Corporation Safety Evaluation Check List 91-459, Revision 2, is provided in Enclosure 4 to support the justification for this TS change and the significant hazards consideration conclusions.

The need for this change was initially discussed with NRC during a telephone call on December 26, 1991. NRC agreed that the use of administrative controls to implement the more conservative allowable values would be acceptable until a TS change can be processed. In addition, the NRC Region II Inspection No. 50-327/92-01 conducted January 6-10, 1992, concluded that TVA's approach to the concerns with SQN temperature-monitoring instrumentation and the TS change in allowable values is acceptable.

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U.S. Nuclear Regulatory Commission

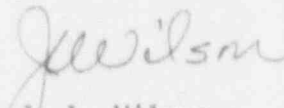
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TVA requests expedited NRC review and approval of this TS change in order to support a March 30, 1992 date that correlates with the 25 percent surveillance requirement extension provided by TS 4.0.2.a for RCS RTD calibrations associated with OTAC, OPAT, and RCS loop AT functions. Review of this TS change by TVA's Nuclear Safety Review Board (NSRB) will be obtained in parallel with NRC review. Any possible changes to this TS change request resulting from NSRB review would be provided to NRC in an expedited manner.

Please direct questions concerning this issue to K. C. Weller at (615) 843-7527.

Sincerely,

  
J. L. Wilson

Sworn to and subscribed before me  
this 20<sup>th</sup> day of February, 1992



Notary Public

My Commission Expires 4-22-92

Enclosures

cc (Enclosures):

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