

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

6N 38A Lookout Place

AUG 10 1989

TVA-SQN-TS-89-37

10 CFR 50.90

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

Gentlemen:

In the Matter of) Docket Nos. 50-327
Tennessee Valley Authority) 50-328

SEQUOYAH NUCLEAR PLANT (SQN) - TECHNICAL SPECIFICATION (TS) CHANGE 89-37 -
ADDITIONAL INFORMATION

The subject TS change, which was submitted to NRC on August 7, 1989, requested an amendment to licenses DPR-77 and DPR-79 to change the TSs of SQN Units 1 and 2. The proposed change adds action statements to address the failure to meet the surveillance requirements for cold leg accumulator water level and pressure instrumentation. TVA determined that, because of the condition identified in our August 7, 1989, submittal (i.e., the potential for unit derating enforcement action caused by interpretation problems with the timeframes available to correct equipment problems), sufficient time does not exist for a 30-day period to allow public comment. TVA, therefore, requested that this change be given emergency processing priority.

Upon review of the TS change package, NRC questioned the wording of the proposed action statements. NRC stated that the proposed wording represented a generic change and, therefore, could not be granted on an emergency basis. During telephone discussions held on August 8 and 9, 1989, between TVA and NRC, TVA agreed to submit revised wording for the proposed change. It was further agreed that the proposed change would be granted on a temporary basis to allow NRC to review a permanent change on a generic basis.

Enclosed are revised TS pages to be used in the subject TS change. The revised wording contained in the enclosure does not affect the justification for the TS change provided in the August 7, 1989, submittal. The environmental impact evaluation and significant hazards evaluation also remain valid and unchanged.

In addition to the change in wording, NRC also requested that TVA perform a calculation to establish a correlation between pressure changes and water level changes caused by assumed leakage from the cold leg accumulators. This calculation was performed using the ideal gas law assuming isothermal conditions (valid for slow leaks). The calculation showed that, for initial accumulator water volumes that varied from the high TS allowable limit to the low TS allowable limit, the leakage required to produce a pressure drop of 35 pounds per square inch (difference between the high and low alarm setpoints for pressure) varied from 182.5 gallons to 202.0 gallons of water. This change in water volume is equivalent to approximately 2.5 percent of the nominal water volume. It should be noted that water is routinely added (monthly) to the accumulators to maintain nominal operating levels.

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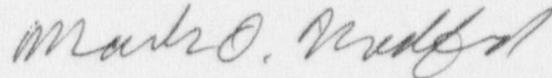
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U.S. Nuclear Regulatory Commission

Please direct questions concerning this issue to B. S. Schofield at
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Very truly yours,

TENNESSEE VALLEY AUTHORITY



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and Nuclear Technical Director

Enclosure

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