



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

December 8, 1995

TVA-SQN-TS-93-09, Revision 1

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 93-09, REVISION 1, "REVISED SETPOINTS AND TIME DELAYS FOR THE
LOSS-OF-POWER INSTRUMENTATION"

- References:
1. TVA letter to NRC dated October 1, 1993, "Sequoyah Nuclear Plant (SQN) - Technical Specification (TS) Change 93-09, 'Revised Setpoints and Time Delays for the Loss-Of-Power Instrumentation'"
 2. NRC letter to TVA dated May 24, 1994, "Issuance of Amendments (TAC Nos. M87872 and M87873) (TS 93-09)"
 3. NRC letter to TVA dated August 22, 1995, "Issuance of Technical Specification Amendments for the Sequoyah Nuclear Plant, Units 1 and 2 (TAC Nos. M92212 and M92213) (TS 93-09)"

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 revises the setpoints and time delays for the auxiliary feedwater (AFW) loss-of-power and 6.9-kilovolt (kV) shutdown board loss-of-voltage and degraded-voltage instrumentation in Items 6 and 7 of TS Table 3.3-4, respectively. These changes are required to support proposed modifications to the SQN loss-of-power instrumentation. The proposed values for this instrumentation are the result of calculations for minimum-voltage requirements to maintain adequate voltage for safety-related loads. These values, when implemented, will enhance the ability to ensure that the operating voltage levels will not impact electrical loads such that safety functions cannot be maintained. In addition, changes to Tables 3.3-3, 3.3-5, 4.3-2, and the AFW bases have been incorporated to reflect the new design and logic for the loss-of-voltage and degraded-voltage instrumentation and to incorporate enhancements to the affected TS sections.

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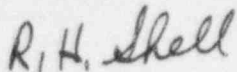
By Reference 1, TVA submitted a TS change request to NRC that supported a modification to implement the changes described above. NRC approved these proposed changes by Reference 2. Subsequent detailed evaluations for the implementation of the modification indicated a significant impact existed to the allowed outage times and would require the removal of safety functions from service. Therefore, TVA redesigned the modification to provide the proposed voltage protection enhancement without incurring the safety impact involved in the implementation of the original design. This revised change request supplements the original request provided by the reference.

The proposed TS change is identified in Enclosure 1. Enclosure 1 is a mark-up of the affected NRC approved TS pages issued by Reference 2 for Amendments 182 and 174 for Units 1 and 2 respectively. The justification for the proposed revision to this TS change is provided in Enclosure 2. The original no significant hazards consideration performed pursuant to 10 CFR 50.92 is not affected by the changes proposed in this submittal and is included in Enclosure 3.

NRC approved implementation of the original request, by Reference 3, upon installation of the proposed modification and TVA requests that this provision remain unchanged. TVA is currently staging the revised modification for implementation in March of 1996. Approval of this modification by March 1996 would support completion of the enhanced voltage protection scheme prior to the Unit 2 Cycle 7 refueling outage and would allow for outage work reductions provided by the qualification of the alternate 6.9-kV feeder breakers.

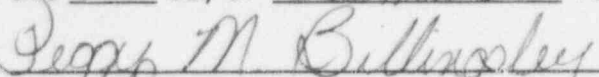
Please direct questions concerning this issue to Keith Weller at (423) 843-7527.

Sincerely,



R. H. Shell
Manager
SQN Site Licensing

Sworn to and subscribed before me
this 8th day of December 1995



Notary Public
My Commission Expires Oct 21, 1998

Enclosures
cc: See page 3

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(Enclosures):

Mr. D. E. LaBarge, Project Manager
Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852-2739

Mr. Michael H. Mobley, Director (w/o Enclosures)
Division of Radiological Health
3rd Floor
L & C Annex
401 Church Street
Nashville, Tennessee 37243-1532

NRC Resident Inspector
Sequoyah Nuclear Plant
2600 Igou Ferry Road
Soddy-Daisy, Tennessee 37379-3624

Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323-2711

ENCLOSURE 1

PROPOSED TECHNICAL SPECIFICATION (TS) CHANGE

SEQUOYAH NUCLEAR PLANT (SQN) UNITS 1 AND 2

DOCKET NOS. 50-327 AND 50-328

(TVA-SQN-TS-93-09, REVISION 1)

LIST OF AFFECTED PAGES

Unit 1

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Unit 2

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