

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

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OCT 02 1990

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) - GENERIC LETTER 89-06, SAFETY PARAMETER DISPLAY SYSTEM (SPDS)

Reference: NRC letter to TVA dated July 5, 1990, "Generic Letter 89-06 on the Safety Parameter Display System (MPA F-072) (TAC Nos. 73707/73708) - Sequoyah Nuclear Plant, Units 1 and 2"

As requested in the referenced letter, TVA has reviewed the plan for SQN to (1) perform an evaluation to increase the reliability of the SPDS, and (2) modify the units and setpoints in the SPDS to be consistent with emergency operating instructions and main control room instrumentation. As a result of the review, the required reliability improvements and unit and setpoint modifications will be made before restart from the Cycle 5 refueling outage for each unit.

To improve reliability, TVA currently plans to (1) replace the Technical Support Center computer central processing unit, (2) replace the computer disk drives and (3) install a Megatape subsystem for backups and software updates. TVA has already installed availability software in the system to monitor availability of the display generators, remote multiplexors, and the central processing unit. Improvements have also been made for Unit 1 in bypassed and inoperable status instrumentation (BISI) points; analog multiplexor input cards; and hardware and software for various postaccident monitors, radiation monitors, and several displays. These same changes are scheduled for Unit 2 during the Cycle 4 refueling outage.

A summary statement of the commitments contained in this submittal is provided in the enclosure. Please direct questions concerning this issue to Kathy S. Whitaker at (615) 843-7748.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

R. H. Shell
for E. G. Wallace, Manager
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Regulatory Affairs

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Enclosure
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cc (Enclosure):

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ENCLOSURE

List of Commitments

1. The required reliability improvements will be made before restart from the Cycle 5 refueling outage for each unit.
2. The required unit and setpoint modifications will be made before restart from the Cycle 5 refueling outage for each unit.