

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

NOV 28 1989

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) - IE BULLETIN 80-20, FAILURES OF WESTINGHOUSE
TYPE W-2 SPRING RETURN TO NEUTRAL CONTROL SWITCHES

This submittal provides a revised response to IE Bulletin 80-20 for SQN
Units 1 and 2.

TVA has completed a review and has identified 444 Westinghouse Electric
Corporation W-2 switches originally installed at SQN. The switches are listed
and the evaluation results documented in Calculation SQN-E1-008.

Eight of the 444 W-2 switches have been replaced by Electro Switch
Corporation's Electroswitch units, which do not exhibit the problem. For 106
of the switches with indicating lights, the circuits have been wired to
monitor contact continuity in the spring-return-to-neutral position. The
lights were wired in series with the switches and are energized when the
switch spring returns to the neutral position. The remaining 330 W-2 switches
at SQN require no modification. These switches are acceptable without
modification because one of the following four conditions applies:

1. The switch is not used to perform any function necessary for safe shutdown
of the plant.
2. The controlled device will go to its safety position or there is an
alternate actuation if the neutral switch position contact failed to close
upon spring return.
3. The neutral position contacts are not used to perform a function required
for safe shutdown.
4. The switch is required by procedure to be manually verified/actuated when
it is necessary to perform its safety-related function.

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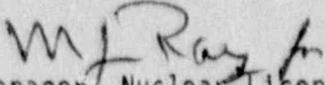
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No commitments are contained in this submittal. Please direct questions concerning this issue to Kathy S. Whitaker at (615) 843-7748.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


Manager, Nuclear Licensing
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