

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

APR 27 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) - NRC INSPECTION REPORT NOS. 50-327/87-73 AND
50-328/87-73

By letter dated April 20, 1988, TVA responded to the subject NRC inspection report concerning compensatory measures (CMs). In this response, TVA committed to procure qualified flex hoses for installation between the essential raw cooling water (ERCW) system and the emergency diesel generator coolers by the end of the unit 1 cycle 4 refueling outage. During the initial appraisal of the deficiency, it was presumed that the analysis being prepared to justify interim operation would not resolve/identify a long-term seismic qualification concern with the existing Flexonics hoses. A subsequent revision dated January 13, 1989, to the interim analysis showed that the calculated Flexonics hose fatigue life (for combined thermal, misalignment, and seismic displacement) was greater than the required fatigue life. Thus, this calculation demonstrates that the existing Flexonics hoses are seismically qualified for the life of the plant. Based on the revised analysis, TVA is deleting the commitment to replace the flex hoses installed between the ERCW system and the diesel generator coolers. This CM is cancelled (i.e., closed).

In the same letter, TVA addressed the CMs to ensure manual operation of the ERCW screens and strainers during a postulated event. Condition adverse to quality report SQN871263 addressed this CM and also included items identified as deficiencies in the ERCW system not related specifically to this CM. One of the items involved diesel generator building ERCW flow indicators, which read high scale and occasionally will move above 100 percent indication but do not peg under normal operation.

TVA noted corrective action associated with these flow indicators as outstanding action associated with the subject CM, that is, that design documents would be prepared to process or modify the flow indicators by January 31, 1989. After closer review of the flow indicators' function, it has been determined that the existing flow indicators are acceptable and will not require replacement or modification. The indicators are not used under normal or emergency conditions to provide quantitative indication; and, for periodic surveillance, the indicators are used only to verify that flow is greater than 50 percent. Periodic and special calibration ensures that adequacy of this indication is maintained. These indicators do not affect the referenced CM in any way. Therefore, TVA is deleting the commitment to procure or modify the ERCW flow indicators in the diesel generator building.

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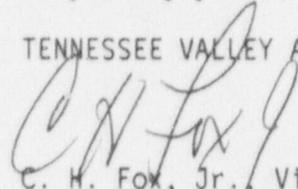
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If you have any questions, please telephone M. A. Cooper at (615) 843-6549.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



C. H. Fox, Jr., Vice President and
Nuclear Technical Director

cc: Ms. S. C. Black, Assistant Director
for Projects
TVA Projects Division
U.S. Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852

Ms. L. J. Watson, Acting Assistant Director
for Inspection Programs
TVA Projects Division
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

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