



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

In the Matter of) Docket No. 50-328
Tennessee Valley Authority)

In accordance with SQN Unit 2 License Condition 2.C.(8) (b) and NRC Generic Letter (GL) 95-05, Attachment 1, Section 6.b, TVA is providing the 90-day S/G report (Enclosure 1). The report contains results of voltage-based repair criteria that were applied during the U2C14 refueling outage S/G inspections (end of Cycle 14 operation). The voltage-based repair criteria are for axial outside diameter stress corrosion cracking (ODSCC) at tube support plate intersections. The report contains a condition monitoring assessment that demonstrates that the GL 95-05 acceptance criteria are satisfied at the end of the Unit 2 operation Cycle 14 and an operational assessment that demonstrates that the GL 95-05 acceptance criteria is expected to continue to be satisfied through Cycle 15.

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March 20, 2007

In accordance with SQN Unit 2 Technical Specification Surveillance Requirement 4.4.5.5.e, TVA is providing the 90-day S/G report associated with the application of W* during the U2C14 refueling outage (Enclosure 2). The cumulative leak rates as calculated for W*, the GL 95-05 alternate repair criteria, and all other sources of primary to secondary accident-induced leakage were within the SQN Unit 2 limit (3.7 gallons per minute).

This letter does not contain TVA commitments. If you have any questions, please call me at (423) 843-7170.

Sincerely,

A handwritten signature in black ink that reads "Glenn W. Morris". The signature is written in a cursive, flowing style.

Glenn W. Morris
Manager, Site Licensing and
Industry Affairs

Enclosures

cc (Enclosures):

Mr. Brendan Moroney, Senior Project Manager
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I:License/Steam Generators/U2C14 90-Day SG Report

ENCLOSURE 1

**TENNESSEE VALLEY AUTHORITY
SEQUOYAH NUCLEAR PLANT**

**STEAM GENERATOR REPORT
VOLTAGE BASED ALTERNATE REPAIR CRITERIA
UNIT 2 CYCLE 14
90-DAY REPORT**