



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

January 30, 1996

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

Re: Item:

In the Matter of )  
Tennessee Valley Authority )

Docket No. 50-327

**SEQUOYAH NUCLEAR PLANT (SQN) - UNIT 1 CYCLE 7, 90-DAY IN-SERVICE  
INSPECTION (ISI) SUMMARY REPORT**

Reference: TVA letter to NRC dated October 26, 1995, "Sequoyah Nuclear Plant  
(SQN) - Unit 1 Steam Generator (SG) Tube Plugging"

Enclosed is SQN's Unit 1 Cycle 7 ISI Summary Report that contains a historical record of repairs, replacements, and ISI examinations and augmented examinations that were performed on American Society of Mechanical Engineers (ASME) Code Class 1 and 2 components from April 20, 1994, to November 11, 1995.

Please note that this ISI Summary Report is being provided in accordance with IWA-6220 and IWA-6250 of ASME Code, Section XI.

SQN's S/G tube plugging results are provided on page 27 of this summary report. Note that one change has occurred in the tabulation of tubes plugged as a result of outside diameter stress corrosion cracking (ODSCC) tube support plate (TSP) (axial) in S/G No. 3. The damage mechanism previously reported (see referenced letter) for a S/G tube in Row 2 Column 77, was incorrectly characterized as primary water stress corrosion cracking (PWSCC) rather than ODSCC. Accordingly, in S/G No. 3, the tabulation of tubes plugged for the ODSCC TSP axial increased by one while the number of tubes for PWSCC TSP decreased by one.

050042

9602050195 960130  
PDR ADOCK 05000327  
Q PDR

*A047*  
*11*

U.S. Nuclear Regulatory Commission  
Page 2  
January 30, 1996

Please direct questions concerning this issue to Don Goodin at (423) 843-7734.

Sincerely,



R. H. Shell  
Manager  
SQN Site Licensing

Enclosure

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

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