



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

February 12, 1998

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 (GL) 89-10
PROGRAM INSPECTION FOLLOW-UP**

On January 20 through January 23, 1998, NRC conducted a closeout inspection of SQN's GL 89-10 program. The inspection team reviewed TVA's closure documentation for nine long-term commitments that were identified during the June 1997 GL 89-10 inspection (reference Inspection Report 97-06). The inspection team determined that the nine commitment items were satisfactorily completed and/or scheduled for completion.

The inspection team identified additional actions that would improve SQN's GL 89-10 program. A general description of these actions are as follows:

- TVA will revise calculations associated with Henry Pratt butterfly calculations (18 inches and smaller).
- TVA will obtain additional torque test data or run the EPRI Performance Prediction Methodology (PPM) to validate the torque requirements for 20- and 24-inch Henry Pratt butterfly valves.
- TVA will perform the EPRI PPM and incorporate the results (including blowdown performance requirements) into the design and setup calculations for valve groups 1, 2, and 8.

9802200033 980212
PDR ADOCK 05000327
P PDR

AD04 1/1



U.S. Nuclear Regulatory Commission
Page 2
February 12, 1998

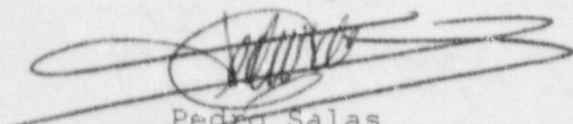
NRC requested that TVA provide a commitment letter describing TVA's plans for addressing these actions in order to close the GL 89-10 program for SQN. The inspection team indicated that the staff would close SQN's GL 89-10 program upon receipt of this commitment letter.

Enclosed are the additional TVA commitments that describe TVA's plans for addressing program improvements.

TVA requests that NRC provide notification of SQN's GL 89-10 program status following your review of the enclosed information.

Please direct questions concerning this issue to me at (423) 843-7170 or J. D. Smith at (423) 843-6672.

Sincerely,



Pedro Salas
Licensing and Industry Affairs Manager

Enclosure
cc (Enclosure):

Mr. R. W. Hernan, 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
Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, Georgia 30303-3415

ENCLOSURE

TENNESSEE VALLEY AUTHORITY
SEQUOYAH NUCLEAR PLANT (SQN)
UNITS 1 AND 2

GENERIC LETTER (GL) 89-10 PROGRAM INSPECTION FOLLOW-UP

COMMITMENTS

1. In light of the manufacturer's prediction of torque requirements as compared to results obtained in torque tests performed by Duke, TVA will revise calculations associated with the Henry Pratt butterfly valves (small diameter sizes - 18 inches and smaller). TVA expects to complete this action by September 30, 1998.
2. TVA will obtain additional torque test data or run the EPRI Performance Prediction Methodology (PPM) to validate the torque requirements for SQN's 20- and 24-inch Henry Pratt butterfly valves. This action includes revising SQN's GL 89-10 torque calculations to incorporate evaluations of the test data and/or EPRI PPM results. TVA expects to complete this action by September 30, 1998.
3. TVA will perform the EPRI PPM and incorporate the results (including blowdown performance requirements) into the design and setup calculations for SQN's GL 89-10 valve group 1 (2-FCV-1-17 and 1/2 FCV-1-18), valve group 2 (1-FCV-1-17), and valve group 8 (1/2 FCV-63-1). TVA expects to complete this action by September 30, 1998.

Note: Blowdown performance requirements are not required for 1/2 FCV-63-1.