

January 27, 2000

Mr. J. A. Scalice  
Chief Nuclear Officer and  
Executive Vice President  
Tennessee Valley Authority  
6A Lookout Place  
1101 Market Street  
Chattanooga, TN 37402-2801

SUBJECT: COMPLETION OF LICENSING ACTIONS FOR GENERIC LETTER 92-08,  
"THERMO-LAG 330-1 FIRE BARRIERS," FOR SEQUOYAH NUCLEAR PLANT,  
UNITS 1 AND 2 (TAC NOS. M85604 AND M85605)

Dear Mr. Scalice:

By letters dated April 15, 1993, February 10, 1994, March 22 and June 15, 1995, January 12, September 9, and December 9, 1996, June 25, 1997, May 13, 1998, and June 30, 1999, the Tennessee Valley Authority (TVA) responded to U.S. Nuclear Regulatory Commission (NRC) Generic Letter (GL) 92-08, "Thermo-Lag 330-1 Fire Barriers," dated December 17, 1992. The GL and subsequent responses and NRC Requests for Additional Information dated December 21, 1993, September 19, and December 22, 1994, related to Thermo-Lag 330-1 fire barriers installed at the Sequoyah Nuclear Plant, Units 1 and 2 (SQN).

The staff has reviewed your letters and conducted public meetings with your staff on November 8, 1996, and May 30, 1997, to assist in resolving this issue. There were also a number of interactions between the NRC and TVA staffs regarding the Thermo-Lag issue at the Watts Bar Nuclear Plant during the 1993 to 1996 time period, prior to approving the Watts Bar operating license. The NRC staff also issued a Confirmatory Order for SQN on June 18, 1998 to ensure timely completion of Thermo-Lag modifications. The final TVA response, dated June 30, 1999, confirmed that all action required by the Confirmatory Order had been completed and provided the final piece of information requested by the NRC staff in conjunction with GL 92-08. On the basis of its review of the docketed written information provided by TVA and the meetings held with TVA, the staff has determined that TVA has provided all of the information requested in GL 92-08, and that the actions tracked by the NRC under the above-listed TAC Nos. are complete and acceptable. The electrical portion of the NRC staff's review of the Thermo-Lag issue (i.e., ampacity) was previously closed out by an NRC letter dated January 13, 2000.

You should retain all documentation related to the resolution of the concerns with Thermo-Lag 330-1 fire barrier systems, including the evaluation of the ampacity impact of the previously installed Thermo-Lag material on cable life of safety-related circuits, for future NRC audits or inspections.

Mr. J. A. Scalice

-2-

If you have any questions regarding this matter, please contact me at (301) 415-2010.

Sincerely,

***/RH/***

Ronald W. Hernan, Senior Project Manager, Section 2  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-327 and 50-328

cc: See next page

Mr. J. A. Scalice

-2-

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***/RH/***

Ronald W. Hernan, Senior Project Manager, Section 2  
Project Directorate II  
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cc: See next page

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Mr. J. A. Scalice  
Tennessee Valley Authority

## SEQUOYAH NUCLEAR PLANT

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