

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

**FEB 29 1988**

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

Gentlemen:

In the Matter of  
Tennessee Valley Authority

)  
)

Docket Nos. 50-327  
50-328

SEQUOYAH NUCLEAR PLANT (SQN) - SILICONE RUBBER CABLE ENVIRONMENTAL  
QUALIFICATION

Reference: Letter from NRC to TVA dated February 23, 1988, "Non-Nuclear  
Heatup for Sequoyah Unit 2 Prior to Restart (TAC R00253)"

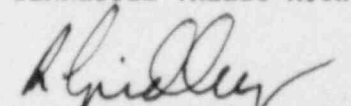
TVA plans to extend the qualified life of the silicone rubber cables for the expected life of SQN before the return to service from the first refueling outage after restart (unit 2 cycle 3). TVA intends to meet the schedule and will make every reasonable effort to do so. If for unforeseen reasons schedule problems arise, TVA will promptly inform NRC and provide the status and results of testing already completed.

It has always been TVA's intention to extend the qualified life of the silicone rubber cables as quickly as practical. The unit 2 cycle 3 refueling outage has been considered as an early target. However, the qualification program involves contractual arrangements that may affect the schedule. In addition, ongoing and relevant industry work may improve the qualification program; and TVA may be in a position to take advantage of such changes.

The silicone rubber cable installed at SQN currently has a qualified life of ten years of service plus the ability to withstand accident conditions. This qualified life provides a sufficient level of safety for several more cycles of operations at SQN that will extend beyond unit 2 cycle 4.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

  
R. Gridley, Director  
Nuclear Licensing and  
Regulatory Affairs

cc: see page 2

D030  
1/1

U.S. Nuclear Regulatory Commission

FEB 29 1988

cc: Mr. K. P. Barr, 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

Mr. G. G. Zech, Assistant Director  
for Projects  
TVA Projects Division  
U.S. Nuclear Regulatory Commission  
One White Flint, North  
11555 Rockville Pike  
Rockville, Maryland 20852

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