

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

May 28, 1981



Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Denton:

In the Matter of the Application of) Docket Nos. 50-327
Tennessee Valley Authority) 50-328

This is in response to R. L. Tedesco's letter to H. G. Parris dated May 20, 1981, concerning potential environmental qualification deficiencies for Sequoyah Nuclear Plant identified as a result of the NRC staff's preliminary review of our submittals over the past months. Mr. Tedesco's letter required that TVA provide a written statement supporting the safe operation of Sequoyah that takes into account the NRC staff's preliminary list of deficiencies indicated in Appendix B of the enclosure to the letter. This letter supersedes my letter to you dated May 26, 1981, which contained erroneous information.

It appears that Appendix B is based on your review of my October 31, 1980, and February 5, 1981, submittals since it addresses the equipment listed in Table ii of those submittals (Summary of Equipment Qualification Status). Our October 31, 1980, and February 5, 1981, responses serve as a reference document. They contain the conditions for qualification and reference all documentation of equipment status and qualification. This will be maintained current, auditable, and available for review. The classification and qualification of Class IE electrical equipment is a dynamic process which of necessity requires revision to the original submittal. Revision 1 to our original response to NUREG-0588 and the Qualification Program Plan, prepared under contract by Wyle Laboratories, were transmitted with my February 5, 1981, submittal. This revision is indicative of the evolutionary process.

We continue to focus our attention on equipment qualification and its impact on the safe operation of Sequoyah. We believe that our internal procedures for addressing equipment qualification, coupled with the tasks being performed under contract by organizations such as Wyle Laboratories, adequately address the potential equipment deficiencies indicated in Appendix B. Several Licensee Event Reports (LER's) have been submitted on equipment identified as being unqualified under the requirements of NUREG-0588. LER's will be submitted on any equipment so identified in the future.

Based on the above, we believe Sequoyah is in conformance with General Design Criteria 4 of 10 CFR 50 Appendix A, and continued safe operation of Sequoyah unit 1 is adequately ensured.

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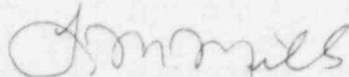
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TVA has made and will continue to make every reasonable effort to comply with the requirements of NUREG-0588. However, several conditions over which TVA has no control may preclude full implementation of these requirements by June 30, 1982. These conditions are the delay of publication of the NRC Safety Evaluation Report, originally due to be completed by February 1, 1981, and the inability of equipment vendors to provide equipment qualified to the pertinent qualification standards in sufficient quantities to meet demand. Additionally, due to the nuclear industry's competitive demand for qualified equipment, the lead time between actually purchasing the equipment and delivery of the equipment for installation is expected to be significant.

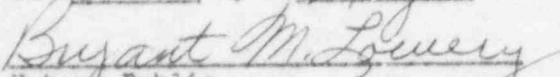
Very truly yours,

TENNESSEE VALLEY AUTHORITY



L. M. Mills, Manager
Nuclear Regulation and Safety

Sworn to and subscribed before me
this 28th day of May 1981


Notary Public

My Commission Expires 4/4/82