

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

November 1, 1984

TVA-SQN-TS-57

Director of Nuclear Reactor Regulation
Attention: Ms. E. Adensam, Chief
Licensing Branch No. 4
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Ms. Adensam:

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

In a telephone conversation with Peter Kang of the NRC on October 26, 1984, additional information was requested to support the NRC's review of a proposed technical specification change for the Sequoyah Nuclear Plant units 1 and 2. Enclosed is supplemental information to the August 20, 1984 submittal to you from me to respond to that request.

If you have any questions concerning this matter, please get in touch with Jerry Wills at FTS 858-2683.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills
L. M. Mills, Manager
Nuclear Licensing

Sworn to and subscribed before me
this 1st day of Nov 1984

Paulette N. White
Notary Public
My Commission Expires 8-24-88

Enclosure

cc: See page 2

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Director of Nuclear Reactor Regulation

November 1, 1984

cc: U.S. Nuclear Regulatory Commission (Enclosure)
Region II
Attn: Mr. James P. O'Reilly Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Michael H. Mobley, Director (Enclosure)
Division of Radiological Health
T.E.R.R.A. Building
150 9th Avenue North
Nashville, Tennessee 37203

ENCLOSURE

NRC REQUEST FOR ADDITIONAL INFORMATION
TVA-SQN-TS-57
SEQUOYAH NUCLEAR PLANT

NRC Question

Please verify that the capacity of the fifth vital battery is equal to that presently installed.

TVA Response

The 125v dc fifth vital battery's two-hour discharge rate (to 1.81v dc per cell) at 60°F is 663 amps.

NRC Question

Is the cable separation criteria being used for the fifth vital battery the same as that used for the present design.

TVA Response

The 125v dc fifth vital battery system will meet the separation requirements (electrical and physical) identified in Section 8.3.1.4 of the SQN FSAR.

NRC Question

Please clarify what is meant by Class 1L.

TVA Response

A definition of Class 1L is provided in Section 3.2.2.6 of the SQN FSAR.