

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

December 5, 1980

Director of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, DC 20555

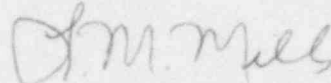
Dear Mr. Schwencer:

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

Section 5.3.2 of Supplement 1 of the Safety Evaluation Report (SER) related to the operation of Sequoyah Nuclear Plant requires TVA to demonstrate that boron mixing is sufficient under natural circulation conditions. TVA had initially planned to reference tests to be conducted at Diablo Canyon to meet this requirement. Since that time, TVA has conducted the Special Test Program at Sequoyah unit 1 which included several natural circulation tests. Enclosed is a discussion of Special Test 9B, Boron Mixing and Cooldown, which fulfills this requirement. My letter to you dated July 29, 1980, transmitted TVA's report on the Special Test Program.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



L. M. Mills, Manager
Nuclear Regulation and Safety

Sworn to and subscribed before me
this 5th day of Dec. 1980

Paulette H. White
Notary Public

My Commission Expires 9-5-84

Enclosure

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