

TENNESSEE VALLEY AUTHORITY

Sequoyah Nuclear Plant
Post Office Box 2000
Soddy-Daisy, Tennessee 37379
May 15, 1990

TVA-SQN-TS-89-27

10 CFR 50.93

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

Gentlemen:

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

SEQUOYAH NUCLEAR PLANT (SQN) - REVISION TO TECHNICAL SPECIFICATION (TS)
CHANGE 89-27

- References:
1. TVA letter to NRC dated January 24, 1990, "Sequoyah Nuclear Plant (SQN) - Technical Specification (TS) Change 89-27"
 2. TVA letter to NRC dated April 23, 1990, "Sequoyah Nuclear Plant (SQN) - Eagle 21 Setpoint Methodology - Westinghouse Electric Corporation WCAPs 11239 and 11626"

Reference 1 transmitted to NRC proposed TS changes to reflect the Eagle 21 modification and functional upgrades to the SQN reactor protection system. Trip setpoints and allowable values were calculated using standard Westinghouse setpoint methodology and that was transmitted to NRC in Reference 2.

This letter transmits revised TS pages for the steam generator water level adverse trip setpoints (Table 2.3-1, Reactor Trip System Instrumentation Trip Setpoints Items 13.a, and b, and Table 3.3-4, Engineered Safety Feature Actuation System Trip Setpoints, Item 6.c) to account for the steam generator reference leg heatup environmental allowance considering the effects of the trip time delay (TTD). The setpoints originally submitted by Reference 1 did not adequately reflect the reference leg heatup environmental allowance associated with the TTD function. TVA was notified of this discrepancy by Westinghouse Electric Corporation on May 11, 1990.

The proposed TS 89-27 revision is identified in Enclosure 1. The pages provided in Enclosure 1 of this letter supersede the corresponding pages provided in Enclosure 1 of Reference 1. The justification for the proposed TS 89-27 revision is provided in Enclosure 2. The proposed TS 89-27 revision does not alter the conclusions drawn in the environmental impact evaluation or the no significant hazards consideration submitted with TS 89-27 (Reference 1). Consequently, these evaluations are not resubmitted by this package.

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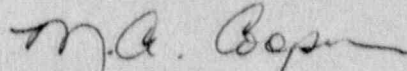
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U.S. Nuclear Regulatory Commission

Please direct questions concerning this issue to Russell R. Thompson at
(615) 843-7470.

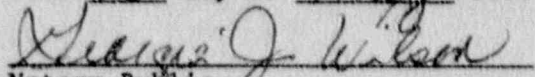
Very truly yours,

TENNESSEE VALLEY AUTHORITY



M. A. Cooper, Acting Manager
Sequoyah Site Licensing

Sworn to and subscribed before me
this 15 day of May 1990


Notary Public
My Commission Expires 10-9-90

Enclosures:

cc: American Nuclear Insurers (Enclosures)
Attention: Librarian
The Exchange, Suite 245
270 Farmington Avenue
Farmington, Connecticut 06032

Ms. S. C. Black, Assistant Director (Enclosures)
for Projects
TVA Projects Division
U.S. Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852

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

NRC Resident Inspector (Enclosures)
Sequoyah Nuclear Plant
2600 Igou Ferry Road
Soddy Daisy, Tennessee 37379

Mr. B. A. Wilson, Assistant Director (Enclosures)
for Inspection Programs
TVA Projects Division
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323