

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Sequoyah Units 1 and 2

Docket Nos. 50-327, 50-328
License Nos. DPR-77, DPR-79

During the Nuclear Regulatory Commission (NRC) inspection conducted on January 8-12, 1990, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1989), the violation is listed below:

10 CFR 50, Appendix B, Criterion III, requires that measures be established to assure that applicable regulatory requirements and the design basis for structures, systems, and components are correctly translated into specifications, drawings, procedures, and instructions.

10 CFR 50.59 requires that safety evaluations shall be performed which provide the bases for the determination that a change, test, or experiment does not involve an unreviewed safety question to identify if the probability of occurrence or the consequences of an accident or malfunction of equipment important to safety previously evaluated in the safety analysis report may be increased.

Contrary to the above, prior to December 15, 1989, the licensee failed to perform an adequate design change for the RWST level transmitters and failed to perform an adequate safety evaluation as required by 10 CFR 50.59 for the same change, in that Design Change Notice M0138A removed the thermostats and heaters from the RWST level transmitters without considering the effects of freezing and the associated safety evaluation, M0138A, also did not consider the effects of freezing. As a result, on December 15, 1989 the RWST level transmitters froze and were declared inoperable. The heaters and thermostats were installed in 1982 to provide freeze protection for these transmitters.

This is a Severity Level IV violation (Supplement I).

Pursuant to the provisions of 10 CFR 2.201, Tennessee Valley Authority is hereby required to submit a written statement or explanation to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555, with a copy to the Associate Director for Special Projects, Office of Nuclear Reactor Regulation, and a copy to the NRC Resident Inspector, Sequoyah, within 30 days of the date of the letter transmitting this Notice. This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) admission or denial of the violation, (2) the reason for the violation if admitted, (3) the corrective steps which have been taken and the results achieved, (4) the corrective steps which will be taken to avoid

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further violations, and (5) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending the response time. If an adequate reply is not received within the time specified in this Notice, an order may be issued to show cause why the license should not be modified, suspended, or revoked or why such other action as may be proper should not be taken.

FOR THE NUCLEAR REGULATORY COMMISSION

for *Algis J. Ignatowski*
Bruce A. Wilson, Assistant Director
for Inspection Programs
TVA Projects Division
Office of Nuclear Reactor Regulation

Dated at Atlanta, Georgia
this 7th day of February 1990