

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) special Quality Verification inspection conducted December 12-16, 1988 and January 9-20, 1989, 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 (1988), the violation is listed below:

10 CFR 50, Appendix B, Criterion XVI, Corrective Action, states that, measures shall be established to assure that conditions adverse to quality, such as failures, malfunctions, deficiencies, deviations, defective material and equipment, and nonconformances are promptly identified and corrected. In the case of significant conditions adverse to quality, the measures shall assure that the cause of the condition is determined and corrective action taken to preclude repetition. The identification of the significant condition adverse to quality, the cause of the condition, and the corrective action taken shall be documented and reported to appropriate levels of management.

Violation 327,328/87-30-01 was issued in March 1988 to address a lack of control over plant evolutions and the status of systems and equipment. The NRC issued the Notice of Violation to obtain the management attention necessary to resolve the underlying problem. This previous citation included a system realignment without written or formally-approved instructions; realignment of valves without procedures or configuration control; and performance of a surveillance instruction without appropriate instrumentation. The licensee's corrective action for the violation, including strengthening administrative procedures to require procedural adherence and training of plant personnel on the procedures had been completed.

Contrary to the above, the licensee failed to preclude repetition of Violation 327,328/87-30-01 in the radioactive waste area after having completed corrective action. Lack of control over plant evolutions, system status and equipment status was still evident in the radioactive waste area in that:

1. multiple evolutions were performed outside of approved plant procedures during spent resin transfers from January 11-19, 1989;
2. known inadequate drawings were utilized - affecting procedural controls of the temporary resin interface valve; and

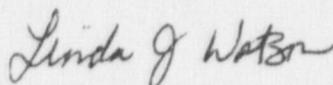
3. known design deficiencies were not corrected - causing recurring radiation hot spots in excess of one Rem per hour to be created.

The existing conditions combined with evolutions performed outside of approved procedures allowed an unwarranted personnel contamination.

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 Director, 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 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



Linda J. Watson, Acting Assistant Director
for TVA Inspection Programs
TVA Projects Division
Office of Nuclear Reactor Regulation

Date at Atlanta, Georgia
this *10th* day of April 1989