

## NOTICE OF VIOLATION

Tennessee Valley Authority  
Sequoyah Nuclear Plant

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

During NRC inspections conducted on September 23-27, 1996, November 4-22, 1996, and December 16-19, 1996, a violation of NRC requirement was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," NUREG-1600, the violation is listed below:

10 CFR 50, Appendix B, Criterion III requires that measures shall be established to ensure that design activities shall be prescribed and accomplished in accordance with procedures of a type sufficient to assure that applicable design inputs are correctly translated into specifications, drawings, procedures, or instructions. Applicable design inputs, such as design bases, regulatory requirements, codes and standards shall be identified, documented, and their selection reviewed and approved. The design input shall be specified on a timely basis and to a level of detail necessary to permit the design activity to be carried out in a correct manner and to provide a consistent basis for making design decisions, accomplishing design verification measures, and evaluating design changes.

Contrary to the above plant modification DCN No. M11730A, Revision 0, was approved on November 30, 1995, for modifying Unit 1 Rod Control System without incorporating applicable design inputs concerning new failure modes introduced by the hardware modification described in Westinghouse Topical Report WCAP-13864, Section 3.5. This failure resulted in the plant modification package omitting requirements for development and implementation of new surveillance tests required to determine any component failure which is undetectable during normal operation.

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 U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555 with a copy to the Regional Administrator, Region II, and a copy to the NRC Resident Inspector, Sequoyah Nuclear Plant, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the

Enclosure 1

violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, an order or Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Because your response will be placed in the NRC Public Document Room (PDR), to the extent possible, it should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction. However, if you find it necessary to include such information, you should clearly indicate the specific information that you desire not to be placed in the PDR, and provide the legal basis to support your request for withholding the information from the public.

Dated at Atlanta, Georgia  
this 13th day of January 1997