

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Watts Bar 1

Docket No. 50-390
License No. CPPR-91

During the Nuclear Regulatory Commission (NRC) inspection conducted on December 20, 1989 to January 16, 1990, a violation of NRC requirements was identified. The violation involved failure to implement applicable regulatory requirements and design bases into site instructions, procedures, and drawings. 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 Part 50, Appendix B, Criterion III, "Design Control", states that measures shall be established to assure that the design basis for components to which Appendix B applies shall be correctly translated into specifications, drawings, procedures, and instructions. Criterion III is implemented by the Quality Assurance (QA) Topical Report, Revision 10; Paragraph 17.1.3, which states that design control measures will be provided by translating TVA and industry standards and specifications into design input documents.

Contrary to the above, as of January 16, 1990, the licensee failed to establish measures to ensure that applicable regulatory requirements and design bases would be correctly translated into design input documents, in that critical installation requirements delineated in the vendor manual for the Excess Letdown Heat Exchanger were not considered or included in specifications, drawings, procedures, or instructions. This resulted in equipment installation conditions that failed to meet the vendor manual requirements.

This is a Severity Level IV Violation (Supplement II) and applies to Unit 1.

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, 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

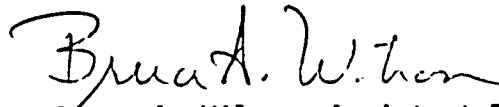
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order may be issued to show cause why the license should not be modified, suspended, or revoked or why such other action as may be proper should not be taken.

FOR THE NUCLEAR REGULATORY COMMISSION



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

Dated at Atlanta, Georgia
this 21st day of February 1990