

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Watts Bar Nuclear Plant

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

During an NRC inspection conducted on October 3 - 14, 1994, 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, the violation is listed below:

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

TVA design basis document, "System Description for Component Cooling System," N3-70-4002, Revision 3, dated March 16, 1993, stated in Table 4 that the design pressure of the component cooling system surge tank was 33 psig.

Unit 1 surge tank vacuum relief valve 1-70-539 had a label installed by the manufacturer which stated the valve design rating was 22 psig. The applicable drawing, L0246-15, Revision A, dated January 6, 1978, stated the maximum design pressure as 22 psig.

Contrary to the above, the design basis of the component cooling system surge tank was not correctly translated into specifications, drawings, procedures and instructions in that the surge tank vacuum relief valve 1-70-539 was underrated for the design pressure of the tank. The design pressure of the tank was 33 psig while, as indicated above, the vacuum relief valve had a maximum design pressure of only 22 psig.

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

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 at the facility that is the subject of this Notice, 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 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. 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

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taken. Where good cause is shown, consideration will be given to extending the response time.

Dated at Atlanta, Georgia
this 18 day of November 1994