

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Watts Bar Unit 1

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

During an NRC inspection conducted March 20 through April 16, 1994, violations of NRC requirements were 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:

- A. 10 CFR Part 50, Appendix B, Criterion III, Design Control, requires that measures be established to assure that applicable regulatory requirements are correctly translated into drawings. These measures shall include provisions to assure that appropriate quality standards are specified and included in design documents and that deviations from such standards are controlled.

TVA Nuclear Quality Assurance Plan TVA-NQA-PLN89-A, Revision 3, paragraph 7.2.1.C states that measures shall be established and implemented to ensure that design output documents appropriately identify engineering requirements that apply to plant activities.

Contrary to the above, as of March 24, 1994, design output documents, pipe support calculations, did not appropriately identify engineering requirements contained in Watts Bar Design Criteria (WB-DC). WB-DC-40-31.9, Criteria for Design of Piping Supports and Supplemental Steel in Category I Structures, Revision 17, requires consideration of the load component due to an offset angle in excess of the manufacturer's tolerance. This excessive offset angle was not considered in pipe support calculation 74-1RHR-R063 for Category I pipe support 74-1RHR-R063. As a result, this support requires modification to reduce the excessive offset angle.

- B. 10 CFR Part 50, Appendix B, Criterion V, Instructions, Procedures, and Drawings, requires that activities affecting quality shall be prescribed by documented instructions, procedures, or drawings of a type appropriate to the circumstances and shall be accomplished in accordance with these instructions, procedures, or drawings.

TVA Nuclear Quality Assurance Plan TVA-NQA-PLN89-A, Revision 3, paragraph 9.8.2.B, requires that maintenance be carried out in accordance with procedures or instructions to ensure quality at least equivalent to that specified in the approved design basis or approved alternatives.

Notice of Violation

2

Contrary to the above, on April 4, 1994, an NRC inspector identified that the handwheel assembly for safety-related valve actuator 2-MVOP-070-0003-B for the component cooling water flow control valve to the Unit 2 train B residual heat removal heat exchanger was removed without procedures or instructions authorizing this activity. This resulted in exposure of internal bearings to ongoing construction activities.

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

Dated at Atlanta, Georgia
this 16th day of May 1994