

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 January 22 through February 19, 1993, 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 (1992), the violations are listed below:

- A. 10 CFR 50, Appendix B, Criterion XII, Control of Measuring and Test Equipment requires in part that measures be established to assure that gages, instruments and other measuring and testing devices used in activities affecting quality are properly controlled, calibrated, and adjusted at specified periods to maintain accuracy within necessary limits.

Tennessee Valley Authority Nuclear Quality Assurance Plan TVA-NQA-PLN89-A, Revision 2, Section 9.5, Control of Measuring and Test Equipment and Installed Safety-Related Instrumentation and Control Devices, implements these requirements and requires that measures be established to control equipment which is used to conduct measurements or tests related to determining the functionality or quality of systems and components.

Site Standard Practice 6.07, Control of Measuring and Test Equipment, Revision 4, step 2.3.B.2 implements the above by requiring that if vendor supplied measuring and test equipment do not have a valid certificate of calibration, then the equipment must be properly calibrated before use.

Contrary to the above, on February 3, 1993, a vendor supplied uncalibrated pressure gage was used in performing leak rate testing of penetration 1-PENT-293-06A.

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

- B. 10 CFR 50, Appendix B, Criterion V, Instructions, Procedures, and Drawings specifies 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.

Tennessee Valley Authority Nuclear Quality Assurance Plan TVA-NQA-PLN89-A, Revision 2, Section 6.0, Control of Documents, implements these requirements and requires that quality-related activities shall be prescribed by documented procedures and instructions appropriate to the circumstances, and that activities shall be

accomplished in accordance with these procedures and instructions. In addition, this section requires procedures and instructions to undergo a documented review for adequacy by a qualified reviewer other than the preparer, receive the review and concurrence of affected organizations outside the issuing organization prior to approval, and receive a review to ensure proper incorporation of QA requirements.

PAI-1.04, Verification and Validation of Procedures, Revision 2, paragraph 2.0, specifies that after first performance or simulation, the procedure requires approval and then becomes a controlled document prior to performing any further safety-related functions with the procedure.

Contrary to the above, on January 27, 1993, the licensee failed to follow procedure PAI-1.04, Revision 2, and tested approximately 60 safety related snubbers without an authorized, approved procedure.

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

- C. 10 CFR 50, Appendix B, Criterion XVII, requires sufficient records to furnish evidence of activities affecting quality and they shall be identifiable and retrieval.

Tennessee Valley Authority Nuclear Quality Assurance Plan TVA-NQA-PLN89-A, Revision 2, Paragraph 6.3, QA Records, implements these requirements and specifies that sufficient records and documentation shall be prepared and maintained to provide evidence of the quality of the item or activity affecting quality.

Contrary to the above, on February 5, 1993, weld documentation was unavailable for reactor shield building, penetration X-110 cap weld located on the inside end, or containment side of the shield building. This weld was required by drawing 47W4709, Revision 1, Detail E-9.

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

Tennessee Valley Authority  
Watts Bar Unit 1

3

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

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 19day of March 1993