

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Watts Bar Unit 1 and 2

Docket Nos. 50-390 and 50-391
License Nos. CPPR-91 and CPPR-92

During an NRC inspection conducted June 19 through July 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 violations are listed below:

- A. 10 CFR 50, Appendix B, Criteria XVI, Corrective Action, requires in part that measures be established to assure that conditions adverse to quality, such as deficiencies and nonconformances, are promptly identified and corrected.

Tennessee Valley Authority Nuclear Quality Assurance Plan TVA-NQA-PLN89-A, Revision 3, Section 10.1, requires that adverse conditions shall be identified, evaluated, and corrected. Section 10.2.2.C also requires that adverse conditions shall be dispositioned and shall be corrected in accordance with documented plans.

Site Standard Practice SSP-3.06, Corrective Action Program, Revision 12, paragraph 2.4.G., requires that specific actions to correct adverse conditions and prevent recurrence be developed. Paragraph 2.6.A. requires that corrective actions be implemented.

The corrective actions for Significant Condition Adverse to Quality Report WBP890363A, Revision 2, required the inspection of specific Class 1E electrical equipment to identify the existence of extension wiring not meeting environmental qualification requirements. These extension wires were to be identified and replaced as part of the corrective actions prescribed for WBP880676 as part of the electrical splice replacement program. These actions were being implemented through Design Change Notice Q-17111-A.

Contrary to the above, as of April 29, 1994, conditions adverse to quality were not promptly identified and corrected in that the established corrective actions for WBP890363A, Revision 2, were not incorporated into the corrective actions for SCAR WBP880676. This resulted in DCN Q-17111-A not requiring the inspection of safety-related components 1-FSV-030-0146B-A and 2-FSV-030-0157A, which were subsequently identified as having unqualified extension wiring installed.

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

- B. 10 CFR 50, Appendix B, Criterion XV, Nonconforming Materials, Parts, or Components, requires that measures be established to control materials, parts, or components which do not conform to requirements in order to prevent their inadvertent use or installation. Nonconforming items shall be reviewed and accepted, rejected, repaired, or reworked in accordance with documented procedures.

Nuclear Quality Assurance Plan TVA-NQA-PLN89-A, Revision 3, Section 8.2.2.F, requires that receipt inspection be performed to ensure that material and equipment is properly identified to the purchase document and receiving documentation and meets the requirements of procurement documents. Deficiencies shall be documented and resolution of the deficiency shall be in accordance with approved documents.

Site Standard Practice SSP-10.05, Technical Evaluation for Procurement of Materials and Services, Revision 10, paragraph 2.10, requires that non-conforming conditions encountered with material received, uncorrected technical documentation, or previously procured material that cannot be dedicated to the specific installed application identified during a current item reorder be evaluated in accordance with the corrective action program.

Technical Instruction TI-95, Field Verification of Plant Equipment, Revision 1, requires the recording and independent verification of all manufacturer nameplate data.

Contrary to the above, the licensee failed to control and resolve nonconforming equipment in the following examples:

1. A nameplate model number discrepancy on Pressure Transmitter 1-PT-001-0027B was not evaluated in accordance with the corrective action program when identified by the licensee in August 1993. This resulted in installation of the pressure transmitter without correcting the identified discrepancy.
2. The licensee failed to record properly and to verify independently the nameplate model number discrepancy on Pressure Transmitter, 1-PT-001-0027B, during performance of Technical Instruction TI-95, Field Verification of Plant Equipment, Revision 1, for the installation and modification of Pressure Transmitter 1-PT-001-0027B in September and November 1993.

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

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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 11 day of Aug. 1994