

NOTICE OF VIOLATION

Tennessee Valley Authority
Watts Bar Unit 1

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

During an NRC inspection conducted September 26 through October 7 and October 17 through October 28, 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 V, and Tennessee Valley Authority Nuclear Quality Assurance Plan TVA-NQA-PLN89-A, Revision 4, Section 6.1.1, require in part that activities affecting quality be prescribed by documented instructions or procedures and shall be accomplished in accordance with these instructions or procedures.

Appendix B1 of Procedure TI-2006, Engineering Walkthrough and Evaluation of Plant Conduit and Conduit Supports, Revision 1, requires that rigid conduit portions of L-shaped cantilevers must be supported at more than one point. Further, Appendix B1 of Procedure TI-2006 requires L-shaped conduit cantilever configurations to be documented for evaluation.

Step 34 of Workplan D-10471-264 indicates that Category I cable tray support hold-down clip bolts shall have complete thread engagement and examples of inadequate thread engagement shall be documented and corrected.

Step 22 of Workplan D-10472 references General Note 10 of Design Change Authorization M-10472-07. General Note 10 indicates that double nuts are required to be installed on each leg of the 3/8 inch diameter U-bolts on cable tray cover channel connector installations. Double nuts function as locking devices.

Contrary to the above, the following examples were identified:

1. As of October 28, 1994, the rigid portion of L-shaped cantilever conduit 1VC2965A was supported at one point and was not documented for evaluation in accordance with Pages 1 and 2 of Appendix B1 of Procedure TI-2006.
2. As of October 28, 1994, Category I cable tray support hold-down clip bolts [1-CTSP-293-0582 (three bolts) and 1-CTSP-293-584 (two bolts)] did not have adequate thread engagement and were not

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documented and corrected in accordance with Design Change Authorization M-10472-07.

3. As of October 28, 1994, that General Note 10 of Design Change Authorization M-10472 was not followed in that a single nut was installed on each U-bolt leg for 20 cable tray channel connector installations. Design Change Authorization M-10472-07 required installation of double nuts on each leg of channel connector U-bolts. The additional nuts were to function as locking devices.

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 15th day of December 1994