

NOTICE OF VIOLATION

Tennessee Valley Authority
Watts Bar Unit 1

Docket No. 50-390
Construction Permit
No. CPPR-91

During an NRC inspection conducted June 18 through July 22, 1995, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," (60 FR 34381, June 30, 1995), the violation is listed below:

10 CFR 50, Appendix B, Criterion III, Design Control and Tennessee Valley Authority Nuclear Quality Assurance Plan TVA-NQA-PLN89-A, Revision 4, Section 7.0, Design Control, require that measures be established to ensure that applicable design requirements are correctly translated into procedures or instructions. Section 7.2.1.C of TVA-NQA-PLN89-A requires that measures be established and implemented to ensure that design output documents appropriately identify engineering requirements that apply to plant activities and to ensure that plant personnel are made aware of engineering requirements. Section 7.2.7.F requires that measures be established, documented, and implemented to control plant configuration and ensure that the actual plant configuration is accurately depicted on drawings.

Contrary to the above, as of June 23, 1995, the installation of four resistance temperature detectors did not meet vendor installation drawing requirements. Specifically, Note 7 in Westinghouse installation drawing 3D22098 (Contract 54114-01), Revision 1, required the maximum acceptable length of unsupported cable between the resistance temperature detector and the first support to be 15 inches. Additionally, the maximum distance between subsequent cable supports was specified at 24 inches. Based on an NRC inspection, cable supports were not provided within the first 15 inches of the following resistance temperature detectors:

1-TE-068-0324-G	PZR Vapor Temperature
1-TE-068-0319-F	PZR Liquid Temperature
1-TE-074-0014-G	RHR 1A-A Outlet Temperature

Additionally, cable supports were not provided within the maximum span of 24 inches for the following resistance temperature detectors:

1-TE-074-0014-G	RHR 1A-A Outlet Temperature
1-TE-074-0025-F	RHR 1B-B Outlet Temperature

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

Enclosure 1

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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 construction permit 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 August 1995