

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Watts Bar 1 and 2

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

During the Nuclear Regulatory Commission (NRC) inspection conducted on April 21 to May 20, 1986, violations of NRC requirements were identified. The violations involved failure to follow procedure and failure to promptly identify and correct conditions adverse to quality. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR 2, Appendix C (1985), the violations are listed below:

- A. 10 CFR 50, Appendix B, Criterion V as implemented by TVA's QA Topical Report TVA-TR-75-1A, Rev. 8, paragraph 17.1.5 requires that activities affecting quality shall be prescribed by procedures of a type appropriate to the circumstances and shall be accomplished in accordance with these procedures. Tennessee Valley Authority Specification G-53 specifies the requirements of the 1972 ASTM Standard. TVA adopted this requirement in Quality Control Procedure WBN-QCP-1.42-3, Revision 5.

Contrary to the above, on May 8, 1986, outer plies of structural steel joints in Unit 1 and Unit 2 containment buildings and other safety-related buildings were found connected using A325 bolts in long slotted holes without the required plate washers or continuous bars being used to cover the slotted holes. Also, WBN-QCP-1.42-3, Revision 5, did not fully implement the requirement of G-53.

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

- B. 10 CFR 50, Appendix B, Criterion XVI, as implemented by TVA's QA Topical Report TVA-TR-75-1A, Rev. 8, paragraphs 17.1.16 requires that measures shall be established to assure that conditions adverse to quality are promptly identified and corrected.

Contrary to the above, during the period between June 25, 1980 through November 13, 1985 (five years, four months) a weld procedure was used on site with an incorrect interpass temperature specified that went undetected and uncorrected. After the deficiency was identified by the licensee, inadequate corrective actions were taken by the licensee to resolve the FSAR violation regarding interpass temperature controls and analyses were not done to determine the effects of elevated interpass temperatures on stainless steel weldments.

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

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

Pursuant to 10 CFR 2.201, TVA is hereby required to submit to this office within 30 days of the date of the letter transmitting this Notice, a written statement or explanation in reply, including for each violation: (1) admission or denial of the violation; (2) the reason for the violation if admitted; (3) the corrective steps which have been taken and the results achieved; (4) corrective steps which will be taken to avoid further violations; and (5) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending the response time.

FOR THE NUCLEAR REGULATORY COMMISSION

orig signed by Walker

Roger D. Walker
Acting Deputy Regional Administrator

Dated at Atlanta, Georgia
this 23 day of June 1986