

APPENDIX A

NOTICE OF VIOLATION

Tennessee Valley Authority  
Watts Bar Units 1 & 2

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

As a result of the inspection conducted on May 23 - 26, 1983, and in accordance with the NRC Enforcement Policy, 47 FR 9987 (March 9, 1982), the following violations were identified.

- A. 10 CFR 50, Appendix B, Criterion V as implemented by TVA Topical Report, TVA-TR75-1A, "Quality Assurance During Design and Construction", paragraph 17.1A.5 requires that activities affecting quality shall be accomplished in accordance with instructions, procedures or drawings. Watts Bar Quality Control Procedure QCP-4.23-5 requires that snubber cold point setting be verified to the corresponding EN DES approved drawing.

Contrary to the above, activities affecting quality were not being accomplished in accordance with documented instructions, procedures or drawings in that the Hanger QC inspector failed to detect and verify the incorrect cold point setting during snubber inspection. As a result, the installed snubber is not able to perform its intended function.

This is a Severity Level IV Violation (Supplement II) and applies to Unit 1 only.

- B. 10 CFR 50, Appendix B, Criterion V as implemented by TVA Topical Report, TVA-TR75-1A "Quality Assurance During Design and Construction", paragraph 17.1A.5 requires that activities affecting quality shall be accomplished in accordance with instructions, procedures or drawings. Watts Bar Quality Control Procedure QCP-4.13-VTC requires that the size, length, and location of all welds conform to the requirements of detail drawings, that no specified welds are omitted, and that no unspecified welds are added. QCP-4.23-8 requires that support fabrication and installation be verified to the specified tolerances.

Contrary to the above, activities affecting quality were not being accomplished in accordance with documented instructions, procedures or drawings in that the welder failed to make a proper weld (undersize weld) on the snubber transition tube (pipe) connection, the craftsman installed the stiffener plate in the wrong orientation, and the welder subsequently applied the wrong size weld (oversize weld) to the structural members. The hanger QC inspectors failed to detect and verify the weld and the stiffener plate orientation discrepancies during inspection in accordance with QCP-4.13-VTC and QCP 4.23-8.

This is a Severity Level IV violation (Supplement II) and applies to Unit 2 only.

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Pursuant to the provisions of 10 CFR 2.201, you are hereby required to submit to this office within thirty days of the date of this Notice, a written statement or explanation in reply, including: (1) admission or denial of the alleged violations; (2) the reasons for the violations 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. Consideration may be given to extending your response time for good cause shown.

Date:         JUN 27 1983