

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Watts Bar

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

The following violations were identified during an inspection conducted on January 17 - 20, 1984. The Severity Levels were assigned in accordance with the NRC Enforcement Policy (10 CFR Part 2, Appendix C).

1. 10 CFR 50, Appendix B, Criterion V, as implemented by Watts Bar FSAR Section 17, paragraph 17.1A.5 requires that activities affecting quality be prescribed by documented procedures and drawings and be accomplished in accordance with these procedures and drawings.

Watts Bar Civil Design Standard DS-C1.7.1, paragraph 5.0 states.....that the contact surface between the plate and the concrete remains a plane provided the plate projects no more than four plate thickness from the attached member and the base plate (i.e. rigid plate analysis). Otherwise the effect of base plate and anchor deformations shall be considered.

Contrary to the above, between January 17 - 20, 1984, activities affecting quality were not being accomplished in accordance with documented procedures in that the pipe support group had not implemented the above documented requirements.

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

2. 10 CFR 50, Appendix B, Criterion V, as implemented by Watts Bar FSAR Section 17, paragraph 17.1A.5 requires that activities affecting quality be prescribed by documented procedures and drawings and be accomplished in accordance with these procedures and drawings.

Watts Bar Engineering Procedure EN DES-EP 3.03, and Civil Design Standards DS-C1.7.1 and DS-C6.1 provide procedures and acceptance criteria for pipe support and base plate design calculations.

Contrary to the above, between January 17 - 20, 1984, activities affecting quality were not being accomplished in accordance with documented procedures and drawings in that a review of four pipe support calculations, including base plates and anchor bolts, revealed the following deviations from the documented requirements.

- a. Calculations for supports No. 47A450-3-76, Rev. 1; No. 47A450-3-75, Rev. 1; and No. 17A586-1-12, Rev. 2 contained incorrect or incomplete calculations.

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- b. Calculations for supports No. 47A450-3-76, Rev. 1; No. 47A450-3-75, Rev. 1; and No. 1-038-39, Rev. 0 did not contain the required designer and checker identification on all pages of each calculation.

This is a Severity Level IV Violation (Supplement II)

Pursuant to 10 CFR 2.201, you are required to submit to this office within 30 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.

Security or safeguards information should be submitted as an enclosure to facilitate withholding it from public disclosure as required by 10 CFR 2.790(d) or 10 CFR 73.21.

Date: FEB 20 1984