

APPENDIX A
NOTICE OF VIOLATION

Tennessee Valley Authority
Watts Bar 1 and 2

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

As a result of the inspection conducted on September 8-11, 1981, and in accordance with the Interim Enforcement Policy, 45 FR 66754 (October 7, 1980), the following violations were identified.

- A. 10 CFR 50, Appendix B, Criterion V as implemented by Watts Bar FSAR Section 17, paragraph 17.1A.5 requires activities affecting quality be prescribed by documented instructions, procedures or drawings which include appropriate acceptance criteria for determining that important activities have been satisfactorily accomplished.

Contrary to the above, Watts Bar Nuclear Plant did not have instructions or acceptance criteria for bending locking devices on bolted flanges. As a result, locking devices were not properly installed by the licensee on flanges for the reactor coolant pump oil coolers. The locking devices did not engage the flat of the fasteners and therefore would not maintain the torque on the fasteners.

This is a Severity Level V Violation (Supplement II.E).

- B. 10 CFR 50, Appendix B, Criterion V as implemented by Watts Bar FSAR Section 17, paragraph 17.1A.5 requires activities affecting quality be accomplished in accordance with instructions, procedures or drawings. Watts Bar QCP-4.23R2 Appendix 2, paragraph 7.1.1 required that bolts without washers show no visible gap between the bolt head or nut and the member being fastened. The bolt or nut shall be verified to be, as a minimum, handtight. Paragraph 4.1 of QCP-4.23R2 Appendix 2 defined "handtight" as referring to the ability of not being able to loosen or turn a bolt or nut without the aid of a mechanical device.

Contrary to the above, on September 10, 1981, nuts on hanger 70-1CC-R181 were observed loose. However, Watts Bar visual inspection report for this hanger indicated that bolts/nuts had been verified tightened.

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

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

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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. Under the authority of Section 182 of the Atomic Energy Act of 1954, as amended, this response shall be submitted under oath or affirmation.

The responses directed by this Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

Date: OCT 8 - 1981