TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

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December 8, 1982

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - NRC REGION II INSPECTION REPORT 50-390/82-33, 50-391/82-30 - RESPONSE TO VIOLATION 50-390/82-33-01

The subject inspection report dated September 23, 1982 cited TVA with one Severity Level V Violation in accordance with the provisions of 10 CFR 2.201. Our interim response to the violation was submitted on October 26, 1982. Enclosed is our final report.

If you have any questions, please get in touch with R. H. Shell at FTS 858-2688.

To the best of my knowledge, I declare the statements contained herein to be complete and true.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

D S Kammer

D. S. Kammer
Nuclear Engineer

Enclosure
cc: Mr. Richard C. DeYoung, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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ENCLOSURE
WATTS BAR NUCLEAR PLANT UNIT 1
FINAL RESPONSE TO VIOLATION

Violation 390/82-33-01

10CFR50, Appendix B, Criterion V, as implemented by Watts Bar FSAR Section 17, paragraph 17.1.5, requires that activities affecting quality be accomplished in accordance with instructions, procedures, or drawings. Watts Bar QCI-1.07 requires that a work release document be prepared and issued before any rework or disassembly is performed on permanent equipment such as hangers/supports.

Contrary to the above, between September 7-10, 1982, activities affecting quality were not being accomplished in accordance with documented procedures in that a reinspection of two completed and inspected hangers/supports revealed partial disassembly had taken place without the required work release document.

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

Admission or Denial of the Alleged Violation

TVA admits the violation occurred as stated.

Reasons for the Violation

Hanger 62-1CVC-R2 was partially disassembled by persons unknown. This support had been transferred to the operating division at the time of the violation. Both construction and operating personnel were working in the area. Also, the individual or the time frame associated with the unauthorized removal and replacement, with a longer bolt, of the anchor bolt on 1-70-147 cannot be ascertained.

Corrective Steps Taken and Results Achieved

Nonconforming Condition Report 4344R was issued to document the fact that 62-1CVC-R2 was disassembled in violation of Quality Control Instruction 1.07, Work Releases. This support has subsequently been reworked, reinspected, and redocumented by means of work plan 9010. NCR 4344R was dispositioned and closed on October 14, 1982.

Nonconforming Condition Report 4346R was issued to document the projecting bolt on 1-70-147. The anchor bolts on this support have been reinspected and redocumented. The three bolts in contact with the plate were properly tightened and the 1-1/2 inch projecting bolt was replaced with a bolt 1-1/4 inch in length. All bolts were inspected to Quality Control Procedure QCP-1.42-2, Bolt and Gap Inspection for Bolt Anchor Assemblies. NCR 4346R was dispositioned and closed on October 7, 1982.

Corrective Steps Taken to Avoid Further Noncompliance

The procedure controlling rework (WBNP-QCI-1.07) and the associated training, together with the additional emphasis in this area on the part of the craft, engineering, inspection management, and on the part of operations management should preclude recurrence. Memorandums reminding personnel of the proper procedure for work performed on safety-related hangers and equipment have been issued by TVA's Divisions of Nuclear Power to all Watts Bar Nuclear Plant Power personnel and by the Division of Construction to unit supervisors, craft foremen, and craft superintendents (who were also instructed to inform their employees).

Date of Full Compliance

TVA was in full compliance as of October 10, 1982, on the hangers and bolts involved in this violation.

TVA is in full compliance as of November 30, 1982, following issuance of the noted memorandums.