

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

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APR 05 1988

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of the Application of)
Tennessee Valley Authority)

Docket Nos. 50-390
50-391

WATTS BAR NUCLEAR PLANT (WBN) UNITS 1 AND 2 - REGION II INSPECTION REPORT
NOS. 50-390/87-07 AND 50-391/87-07 - SUPPLEMENTAL RESPONSE TO VIOLATION

The purpose of this letter is to provide the Nuclear Regulatory Commission (NRC) with a supplemental response to violation 390, 391/87-07. TVA committed in the original violation response to provide NRC our findings and corrective actions by February 1988.

TVA initiated a sample reinspection program of heating, ventilating, and air conditioning (HVAC) supports to determine the scope of violation 390, 391/87-07. Using the Nuclear Construction Issues Group's (NCIG) sampling plan NCIG-02, TVA was able to establish a uniform basis for reinspection. The objective of the reinspection was to determine if supports previously accepted had configuration conditions that were not in compliance with the as-constructed drawing or specified tolerances.

A statistical inspection plan was established which included 64 HVAC supports. The acceptance criteria was established through site engineering using existing design drawings and Quality Control Procedures (QCPs). Of the first 42 supports inspected by TVA quality control inspectors, 16 failed to meet the acceptance criteria. With 16 failures, the preestablished allowed limits, based on a sample size of 64, were exceeded and the inspections were discontinued.

Condition Adverse to Quality Report (CAQR) WBP 870316 was revised to identify deficiencies discovered during this reinspection effort. TVA, Watts Bar Engineering Project (WBEP) will evaluate the variety of conditions identified and establish corrective actions.

Further root cause investigation is underway, and identified causes will be evaluated to ensure that proper corrective actions are taken and the total scope of the problem is identified.

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U.S. Nuclear Regulatory Commission

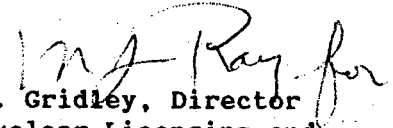
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TVA will provide the final report on this violation, conveying the program and timetable for corrective action, to NRC on or about May 31, 1988.

If there are any questions, please telephone C. J. Riedl at (615) 365-8524.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


R. Gridley, Director
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