

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

MAY 03 1990

WBRD-50-390/86-14
WBRD-50-391/87-18

10 CFR 50.55(e)

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 - DISCREPANCIES INVOLVING
SAFETY-RELATED CONDUIT SUPPORTS - WBRD-50-390/86-14 AND WBRD-50-391/87-18
SEVENTH INTERIM REPORT

The subject deficiency was initially reported to NRC Inspector Steve Weiss on December 9, 1985, in accordance with 10 CFR 50.55(e) as Nonconforming Condition Report (NCR) WBN 6463. NCR W-333-P, which identified additional conduit support deficiencies, was later added to the scope of the identified deficiency. The purpose of this report is to provide the current status of corrective actions for the subject deficiency.

Since the last submittal, TVA has issued the Engineering Requirements Specification (ER Spec) as a single document for structural requirements pertaining to installation, maintenance, and inspection of conduit and conduit supports. This included revising implementing procedures to incorporate applicable ER Spec requirements and completion of required training. These actions resulted in TVA lifting the stop work authority, SW-26, on October 26, 1989.

The NRC staff completed its review of the programmatic aspects of the Corrective Action Program (CAP) Plan for Electrical Conduit and Conduit Supports and issued their safety evaluation report (September 1, 1989). This CAP plan was developed to ensure that the Unit 1 safety-related conduit and conduit supports are structurally adequate and in compliance with licensing requirements. This includes resolving NCR WBN 6463 and NCR W-333-P.

The critical case evaluation as defined in the CAP plan has been implemented on approximately 20 percent of the conduit supports required for Unit 1 operation. Using walkthrough procedure WP-51, data has been gathered to establish critical case selections. Walkdown procedure TI-2011 has been issued and is being implemented to obtain as-built information from the critical case selections. From this as-built information, engineering is completing their evaluations and issuing design change notices as required.

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U.S. Nuclear Regulatory Commission

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TVA expects to submit the final report by July 31, 1990, rather than April 30, 1990, as committed in the last interim report submitted September 30, 1987. The enclosure contains the commitment stated in this submittal.

If there are any questions, please telephone G. R. Ashley at (615) 365-8527.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


E. G. Wallace, Manager
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Enclosure

cc (Enclosure):

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ENCLOSURE
LIST OF COMMITMENTS

TVA expects to submit the final report by July 31, 1990.