



Tennessee Valley Authority, Post Office Box 2000, Spring City, Tennessee 37381

JUL 29 1994

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

Gentlemen:

In the Matter of the Application of ) Docket Nos. 50-390  
Tennessee Valley Authority ) 50-391

WATTS BAR NUCLEAR PLANT (WBN) - TUBE STEEL WALL THINNING - PROBLEM EVALUATION  
REPORT WBP940315

In accordance with 10 CFR 50.55(e)(1)(ii), this interim report is being provided to notify the NRC of a condition involving the identification of surface imperfections which result in the wall thickness of tube steel to be more than 10 percent less than the nominal wall thickness specified. This is contrary to American Society for Testing and Materials (ASTM), Specification A-500-93, paragraph 10.2.

The subject deficiency was identified during a routine field inspection of a support. Further inspections have identified additional pieces of tube steel with areas where the wall thickness is less than required. Several manufacturers and multiple heats are involved.

TVA's evaluation to determine the extent of this condition and complete the analysis is scheduled to be completed to support a substantial safety hazard evaluation for the subject deficiency by September 30, 1994. The NRC will be notified if the results of the analysis and extent of condition identify a substantial safety hazard as required by 10 CFR 50.55(e).

If you should have any questions, contact P. L. Pace at (615)-365-1824.

Sincerely,

Dwight E. Nunn  
Vice President  
New Plant Completion  
Watts Bar Nuclear Plant

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