

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

85 MAR 25 7 20 50 1985

U.S. Nuclear Regulatory Commission  
Region II  
Attn: Dr. J. Nelson Grace, Regional Administrator  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

Dear Dr. Grace:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - RESPONSE TO VIOLATION  
50-390/85-02-01 - ACCEPTANCE OF A HANGER WHICH DID NOT COMPLY WITH  
SPECIFICATION REQUIREMENTS

This is in response to D. M. Verrelli's letter dated February 15, 1985,  
report numbers 50-390/85-02, 50-391/85-02 concerning activities at the  
Watts Bar Nuclear Plant which appeared to have been in violation of NRC  
regulations. Enclosed is our response to the citation.

If you have any questions concerning this matter, please get in touch with  
R. H. Shell at FTS 858-2388.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*J. A. Damer*  
J. A. Damer  
Nuclear Engineer

Enclosure

cc (Enclosure):

Mr. James Taylor, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Records Center  
Institute of Nuclear Power Operations  
1100 Circle 75 Parkway, Suite 1500  
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ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2  
RESPONSE TO SEVERITY LEVEL V VIOLATION  
50-390/85-02-01

ACCEPTANCE OF A HANGER WHICH DID NOT COMPLY WITH SPECIFICATION REQUIREMENTS

Description of Deficiency

10 CFR 50, Appendix B, Criterion V, requires activities affecting quality to be prescribed by documented instructions, procedures, or drawings of a type appropriate to the circumstances and shall be accomplished in accordance with these instructions, procedures, or drawings. The licensee's accepted quality assurance program (TVA-TR-75-1A), Table 17D-2, endorses Regulatory Guide 1.28 and ANSI-N45.1-1971, quality assurance program requirements for nuclear power plants. Paragraph 6 of this standard and the licensee's implementing drawing 47A050-1Q1 R0, note 52, requires attachments to be on the centerline of plates within  $\pm 1/2$ -inch except as noted.

Contrary to the above, the angle iron attachments shown on drawing 47A492-5-3R2 were required to be installed within  $\pm 1/2$ -inch of the 5 5/16-inch dimension from the end of the plate. The angles were actually installed 4 1/8-inches below the top edge of the plate. This angle had been previously accepted by a quality control inspector.

TVA Response

1. Admission or Denial of the Alleged Violation

TVA admits the violation occurred as stated.

2. Reason for the Violation

This violation occurred as a result of the failure to follow Watts Bar Nuclear Plant quality control procedure (QCP) 4.23-8, "Support Final Inspection," in that support 1026-A492-5-3 was accepted without ensuring the correct dimensions as specified on the drawings.

3. Corrective Steps Taken and Results Achieved

Support 1026-A492-5-3 has been reworked and redocumented by field change request (FCR) H-12985.

4. Corrective Steps Taken to Avoid Further Violation

Hanger quality control inspectors have been reinstructed in the acceptance criteria of QCP 4.23-8 and other applicable procedures and specifications. This instruction, which emphasizes ensuring accuracy while performing final inspections, was given February 26, 1985.

5. Date When Full Compliance Will Be Achieved

TVA is now in full compliance.