

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

JUL 17 1986

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

Dear Dr. Grace:

**WATTS BAR NUCLEAR PLANT (WBN) - UNIT 2 - RESPONSE TO VIOLATION 391/86-11-02 -
INADEQUATE INSPECTION OF THE FLEXIBLE CONDUIT TO DAMPER OPERATOR 1-FCO-30-55**

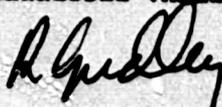
This is in response to Stephen P. Weise's letter dated June 10, 1986, Report Number 50-391/86-11, citing activities at the Watts Bar Nuclear Plant which appeared to be in violation of NRC regulations. Enclosed is our response to the citation.

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

If there are any questions, please get in touch with J. A. McDonald at (615) 365-8527.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



R. L. Gridley, Director
Nuclear Safety and Licensing

Enclosure

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

Records Center (Enclosure)
Institute of Nuclear Power Operations
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ENCLOSURE

**WATTS BAR NUCLEAR PLANT UNIT 2
RESPONSE TO NRC REGION II LETTER
FROM S. P. WISE TO E. A. WHITE DATED JUNE 10, 1986**

Reference: Report No. 50-391/86-11

This report responds to the notice of violation described in enclosure 1 of the NRC-Region II inspection report referenced above. This is our final report on this item of noncompliance.

Violation 391/86-11-02

10 CFR 50.54(a)(1) requires TVA to implement the Quality Assurance Program described or referenced in its Safety Analysis Report. Section 17.1.5 of the TVA Quality Assurance Report requires the licensee to have procedures governing their safety-related activities. Quality Control Procedure (QCP)-3.03, "Installation of Conduit and Junction Boxes," requires that there be no interference with the conduit.

Contrary to the above, TVA did not adequately inspect flexible conduit in that the operating rod from air-operated damper 1-FCO-30-49 contacted the flexible conduit for damper 1-FCO-30-55.

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

Admission or Denial of the Alleged Violation

TVA admits the violation occurred in that the flex conduit for 1-FSV-30-49-A (1-3VC-292-3322-A) was in contact with the operator 1-FCO-30-55.

Reason for the Violation

A review of our inspection procedures and inspection records indicates that the flex conduit was adequately inspected. We believe that the violation occurred some time after the inspection was completed. It is difficult to determine the exact cause, but it most likely occurred due to work in the immediate vicinity of the conduit which inadvertently interfered with and disturbed the conduit configuration such that when the operator 1-FCO-30-55 was in the open position it contacted the flex conduit. This disturbance could have been caused by scaffolding, equipment, or personnel and was not detected or corrected by the personnel performing the work which caused the interference.

Corrective Steps Taken and Results Achieved

A maintenance request has been initiated to correct the deficiency.

Corrective Steps Taken to Avoid Further Noncompliance

WBN presently has a program in place for ensuring that conditions adverse to quality are identified and corrected. In addition to formal program

procedures for identification of hardware problems, all employees are encouraged by supervisors to spontaneously report any known or suspected adverse condition which they find. Responsible supervisors then ensure that the problem is entered into the appropriate corrective action system for resolution.

This program appears to be effective because there are several maintenance requests currently outstanding which have identified minor conduit deficiencies for correction. Therefore, TVA does not believe that additional corrective steps are necessary.

Date When Full Compliance Will be Achieved

TVA will be in full compliance by August 1, 1986.