

TENNESSEE VALLEY AUTHORITY REGION II
CHATTANOOGA, TENNESSEE 37401 ATLANTA, GEORGIA

400 Chestnut Street Tower II

March 8, 1982

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U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - NRC-OIE LETTER RII:JAM
50-390/80-23, 50-391/80-17 - REVISED RESPONSE TO INFRACTION 390/80-23-13

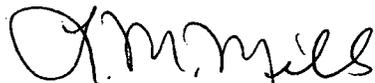
The subject inspection report dated October 1, 1980 cited TVA with seven items of noncompliance. TVA's responses were submitted on November 24, 1980 and January 7, 1981. As discussed with Inspector R. V. Crljenjak on January 8, 1982, corrective action on infraction 50-390/80-23-13 was not met by December 15, 1980. Subsequent problems with the drainage system for the storage area and panel design require a revision to our response. Enclosed is the revised response to infraction 50-390/80-23-13.

If you have any questions, please get in touch with R. H. Shell at
FTS 858-2688.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY



L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

cc: Mr. Richard C. DeYoung, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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ENCLOSURE
WATTS BAR NUCLEAR PLANT UNITS 1 AND 2
REVISED RESPONSE TO INFRACTION 50-390/80-23-13

Infraction 50-390/80-23-13

As required by 10CFR50, Appendix B, Criterion XIII, measures shall be established to control the storage of equipment in accordance with work and inspection instructions to prevent damage or deterioration. The accepted QA program, FSAR Section 17.1A.13, states that measures to provide control at the construction site are prescribed by construction procedures for handling, storage, and maintenance of permanent equipment.

Contrary to the above, as of July 31, 1980, measures were not established to preclude damage or deterioration associated with the Refueling Water Storage Tank (RWST) as follows:

- (a) The four RWST level transmitter circuits were housed in electrical panels which were open; the contacts were rusted; and the panels contained an accumulation of water and debris.
- (b) Rusted carbon steel wire used to join insulation banding was in contact with one RWST stainless steel manway.

This is an infraction applicable to unit 1.

Corrective Steps Taken and Results Achieved

Effective October 23, 1980, all water and debris were removed from the panel housing; the carbon steel wire was removed from the manway; the contact area was cleaned using flapper wheels and acetone; and all visible signs of contamination were removed.

Subsequent evaluation has determined that problems exist with the drainage system for the RWST area and with the panels. ECN 3303 has been issued to provide additional drainage, and the panels will be redesigned or reconstructed to provide additional weather protection.

The four affected low-level transmitters were removed on October 23, 1980, for retesting and recalibration by TVA's Division of Nuclear Power (NUC PR) and none of the transmitters were found to be defective. The transmitters are now being held in protective storage until the panels are redesigned and reconstructed.

Corrective Action Taken to Prevent Recurrence

Construction's Instrumentation Engineering Unit (IEU) has reviewed existing Quality Control Procedures (QCPs) governing receiving, installation, storage, and maintenance of permanent plant instrumentation equipment and has determined that the existing program is adequate, and no additional procedures are necessary.

Affected personnel have been trained in the receiving, storage, and maintenance of permanent plant instrumentation equipment (QCP 3.1 R12).

The RWST will receive inspection on a periodic basis, and these inspections will be documented on inspection sheets in accordance with attachment A to QCP 4.5.

Date of Full Compliance

Training in QCP 3.1 is complete. Redesign and reconstruction of the panels and drains will be completed by fuel load.