

TENNESSEE VALLEY AUTHORITY
400 Chestnut Street Tower II

December 18, 1980
DEC 29 8 37 42

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - NRC-OIE LETTER RII:NE 50-390/80-32;
50-391/80-25 - RESPONSE TO INFRACTIONS

The subject letter dated November 25, 1980, cited TVA with two infractions. We we are unable to provide detailed responses in the time allocated by 10 CFR 2.201. Enclosed are interim reports on the subject infractions. We will provide a final report by January 23, 1981.

If you have any questions, please get in touch with D. L. Lambert at
FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills
L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

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

103180392

ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2
FAILURE TO ACHIEVE IMPLEMENTATION OF CORRECTIVE ACTION
"DETAIL WELD PROCEDURE IN WORK AREAS"
FIRST INTERIM REPORT

INFRACTION 50-390/80-32-03; 50-391/80-25-03

As required by Criterion XVI of Appendix B to 10CFR50 and implemented by FSAR, Section 17, Paragraph 17.1A.16, conditions adverse to quality are identified, documented, their cause determined, and corrective actions taken to preclude their repetition. TVA's response to the Notice of Violation 390/80-14-01 dated July 10, 1980, described corrective actions which provided for copies of detail welding procedures to be available to welders "in the work areas." Further, it stated that full compliance had been achieved as of July 10, 1980.

Contrary to the above, On October 23, 1980, the inspector determined by observation and interviews that full compliance had not been achieved as the specified corrective actions had not been fully implemented.

Corrective Action Taken and Results Achieved

The wording for response to infraction 390/80-14-01 did not agree with site procedure WBNP-QCI-4.3. The infraction response stated that weld procedures would be available in the work area, while our Quality Control Instruction (QCI) stated that the procedure would be available at the craft supervisor's work station.

TVA will make the welding procedures available to all welding crafts employees in their work areas. The details of the mechanism by which this will be accomplished are being developed. Additional information will be provided in our final report which we expect to submit by January 23, 1981.

Action To Prevent Recurrence

We are reviewing our responses to inspection reports to ensure that the stated corrective action is being implemented.

Date of Full Compliance

We will be in full compliance when the welding procedures have been issued.

ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2
ACCEPTANCE OF UNDERSIZE SOCKET FILLET WELDS ON REINSPECTION
FIRST INTERIM REPORT

INFRACTION 50-390/80-32-02; 50-391/80-25-02

As required by Criterion V of Appendix B to 10CFR50, and implemented by FSAR, Paragraph 17.1A.5, "Activities affecting quality shall be accomplished in accordance with instructions, procedures, or drawings." Watts Bar condition adverse to Quality Report M-41 (December 27, 1979) and subsequent NCR's 2086, 2101, and 2111 provide for the inspection, repair, and documentation of previously accepted safety-related socket fillet welds which did not meet specified size requirements.

Contrary to the above, on October 22, 1980, certain socket fillet welds 3/4" by 0.218" in the chemical volume control system shown on sketch No. 406-1, sheets 22 R/2 and 38 R/2, had been inspected and signed off as acceptable when the fillet size did not meet minimum specification/code requirements.

Interim Response

This infraction appears to be an isolated case. During the period of time from February through June 1980, the craft and inspector were working as a team. It appears that the inspector utilized schedule 40 acceptance criteria instead of schedule 160 when signing off the sketch. We are pulling and inspecting 100 sketches which were reinspected during this time frame. An evaluation as to the adequacy of our inspection program will be made after these are again reinspected. We have looked at approximately 20 of these sketches to date and all welds reinspected meet the proper acceptance criteria. We should be complete with the remaining in 30 days. We expect to provide our final response by January 23, 1981.

We will determine action to prevent recurrence and date of compliance when the above inspections are completed.