

830 Power Building
TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401

AUG 8 1977

Mr. Norman C. Moseley, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 1217
230 Peachtree Street, NW.
Atlanta, Georgia 30303

Dear Mr. Moseley:

WATTS BAR NUCLEAR PLANT - NRC INSPECTION REPORT 50-390/77-7 AND
50-391/77-7 - RESPONSE TO ALLEGED INFRACTION 390/77-7N1 AND
391/77-7N1 - FAILURE TO FOLLOW WELDING MATERIAL CONTROL
PROCEDURES

The subject letter dated July 19, 1977, cited TVA with one
alleged infraction. Enclosed is our response to this citation.

Very truly yours,



J. E. Gilleland
Assistant Manager of Power

Enclosure

cc: Dr. Ernst Volgenau, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

WATTS BAR NUCLEAR PLANT

NRC INSPECTION REPORT 50-390/77-7 AND 50-391/77-7

RESPONSE TO ALLEGED INFRACTION 390/77-7N1 AND 391/77-7N1

FAILURE TO FOLLOW WELDING MATERIAL CONTROL PROCEDURES

Infractions

390/77-7N1
391/77-7N1

Failure to Follow Welding Material Control Procedures

Criterion V of Appendix B to 10 CFR 50, as implemented by the FSAR, paragraph 17.1A.5, requires in part that, "Activities affecting quality shall be prescribed by documented instructions, procedures, . . . and shall be accomplished in accordance with these instructions, procedure, . . ."

Contrary to the above requirement, weld material control procedures were not being followed in two areas inspected.

- A. A welder was observed welding a stainless steel pipe weld with welding material which was not identified by type. This is a violation of TVA process specification 1.M.3.1(e).
- B. The rod room No. 4 daily log of holding oven temperatures was observed at approximately 11:00 a.m. on June 20, 1977. The required 7:30 a.m. temperature check and log entry had not been made. This is a violation of TVA procedure QCP 4.1.

Corrective Steps Which Have Been Taken and the Results Achieved

- A. Exception is taken to the infraction items (390/77-7N1 and 391/77-7N1) as stated. Part A relates to details I paragraph 4(a), weld number 1-062A-D022-09 and states, "A welder was observed welding a stainless steel pipe weld with welding material that was not identified by type." Paragraph 4(a) of details I states in part, "During observation of this weld, the inspector noted that the welder's filler material (1/16-inch and

Corrective Steps Which Have Been Taken and the Results Achieved (continued)

3/32-inch ER308) was not identified." Our investigation has revealed that the flag tag ends of the filler material had been removed by the welder, due to presence of the adhesive utilized to secure the tag on a portion of the wire adjacent to the tag, making it difficult to hand feed into the weld. Thus, he snipped off the affected portion, including the flag tag, to ensure better control. The removed tags were retained at the weld area and were observed by the inspector, and the welder was in possession of a properly executed weld material requisition which identified the filler material. It is our position that the filler material in question was identifiable by type until consumed.

- B. Part B relates to details I, paragraph 4(c). The substance of the findings as stated is correct; however, the context does not fully describe the situation. Oven temperatures are logged when electrodes are issued from the ovens. The issue of electrodes from hermetically sealed containers, as was the case where only one temperature check was logged, is in compliance with the procedure. Logging of oven temperature would have no bearing on the quality status of the issued electrodes.

Corrective Steps Which Will be Taken To Avoid Further Noncompliance

- A. Welders have been instructed not to remove flag tags in the future for any reason.
- B. Material control center attendants have been reinstructed to ensure that oven temperatures are checked and logged as required by the applicable procedures, and WBNP-QCP-4.1, paragraph 6.5.2, has been revised to more clearly reflect the requirements.

Date of Full Compliance

We are now in full compliance with Criterion V of Appendix B to 10 CFR 50.