

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

APR 12 1978

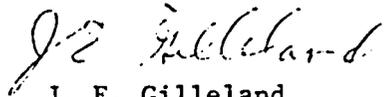
Mr. James P. O'Reilly, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Region II - Suite 1217  
230 Peachtree Street, NW.  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - NRC INSPECTION REPORT  
50-390/78-05 AND 50-391/78-04 - FINAL RESPONSE TO INFRACTION 78-05-01

The subject letter dated March 22, 1978, cited TVA with one infraction.  
Enclosed is our final response to this infraction.

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

ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2  
NRC INSPECTION REPORT 50-390/78-5, 50-391/78-4

FINAL RESPONSE

Based on the results of the NRC's inspection on February 13-16, 1978, TVA was cited with apparent violations of Criterion V of Appendix B to 10 CFR 50 as implemented by the FSAR paragraph 17.1A.5. The following is a summary of these violations and our response.

Infraction

On February 14 Form "Steel Inspection Report," WBNP-QCP-2.4 Attachment A, used to document inspection and testing (NDE) of Unit 1 reactor vessel embedded support welds showed the inspection point for fitup had not been signed off for any of the eight (8) welds involved.

Response

While it appeared that the inspection point for fitup had not been signed, the documentation of unit 1 reactor vessel support weld fittings had been accomplished. The confusion is due to unfamiliarity with the new Attachment A. The old form, which recorded the embedment being reviewed, had the civil fitup inspection on the far right-hand side. The current form, WBNP-QCP-2.4, Attachment A, has the fitup inspection recorded in a column located just to the left of the center of the page and the right-hand column is now reserved for nondestructive examination (NDE) to sign off when applicable. This column was blank because NDE verification of fitup for these welds was not required.

Infraction

On February 15 the QC record, Form Attachment A WBNP-QCP-2.4, for the completed and in-process welds of steam generator 3, Unit 2 structural restraint plates (Tang Plates) had not been generated. Therefore, there was no objective evidence to verify that the required inspections had been performed.

Response

We acknowledge the fact that no formal documentation existed at the time of the NRC inspection. TVA's normal procedure is to inspect tang plate fitup on an individual basis, but formal documentation is accomplished in groups of ten upon completion of each steam generator loop. Tang plate inspection of loop 3 was not complete at the time of the inspection and no complete loop has been completed on unit 2.