

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

830 Power Building

FEB 1 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 50-390/77-18  
AND 50-391/77-17 - FINAL RESPONSE TO INFRACTION 77-17-01

The subject letter dated January 10, 1978, cited TVA with one  
infraction item. 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 50-390/77-18 AND 50-391/77-17  
FINAL RESPONSE TO INFRACTION 77-17-01

Infraction

391/77-17-01 Criterion V of 10 CFR 50, Appendix B, as implemented by WBNP-QCP - 4.1, "Procurement, Storage, Issue and Control of Welding Materials," which states in part that "Quantities shall be limited to the amount...E7018 Mild Steel (Low Hydrogen) - 4 Hour Supply...all unused coated electrodes...shall be deposited in locked collection boxes or returned to the control center within the return due time...Under no circumstances shall the welding material be used after the indicated return due time." (Underlining in QCP)

Contrary to the above:

Failure to follow WBNP-QCP-4.1 was apparent December 14, 1977, and December 15, 1977, when the inspector found about 3 1/2 pounds of E7018 weld rod in the auxiliary building and observed it being there for over 16 hours. This condition could result in the use of unqualified welding material in safety-related structures of components.

Response

391/77-17-01 1. Corrective Steps Which Have Been Taken and the Results Achieved

TVA continually makes surveillance checks and emphasizes the importance of welding rod control to the supervisors, inspectors, and welders. As a result of this infraction meetings were held with all day shift welders on December 20, 1977, and all evening shift welders on December 22, 1977, to reemphasize the plant weld rod control program and the importance of controlling welding rod. A special surveillance of controlled rod was conducted in all work areas.

2. Corrective Steps Which Shall be Taken to Avoid Further Noncompliance

We are continuing our welder QA orientation on a periodic basis and continuing to emphasize control of welding materials to both supervisors and welders.

3. Date of Full Compliance

We were in full compliance on December 22, 1977.