

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower

USNRC REGION II
ATLANTA, GEORGIA

January 30, 1980

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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 REGION II LETTER
RII:WPK 50-390/79-41, 50-391/79-38 - INSPECTION REPORT - RESPONSE
TO INFRACTIONS

The subject letter dated January 8, 1980, cited TVA with two infractions.
Enclosed is our response to these infractions, provided in accordance
with 10 CFR 2.201.

If you have any questions concerning this matter, please get in touch
with D. L. Lambert at FTS 854-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

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

Enclosure

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

ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2

RESPONSE TO INFRACTION 50-390/79-41-01 AND 50-391/79-38-01

Infraction

As required by 10 CFR50, Appendix "B", Criterion XIII, and as implemented by FSAR Paragraph 17.1A.13, "Measures shall be established to control the handling and storage...of materials and equipment".

Contrary to the above, no procedures had been established to fully control the handling and storage of safety-related materials and equipment. On December 5, 1979, the following examples were observed on safety-related equipment:

- 1) A twelve inch elbow was supported from an installed overhead pipe, during a fitting operation for another piping assembly on the Essential Raw Cooling Water System.
- (2) An approximately twenty foot long piping assembly was supported by wire rope anchored to electrical cable tray supports.

Corrective Action Taken And Results Achieved

The two examples cited by the NRC inspector have been corrected. Craft supervision has been instructed not to allow rigging from permanent plant equipment without prior engineering approval.

Corrective Action Taken to Prevent Recurrences

TVA is adding a "rigging release" section to existing quality control procedure WBNP-QCP-1.7 which will allow rigging from permanent plant equipment under approved conditions. Engineering personnel will be instructed in the use of this procedure.

Date When Full Compliance Will Be Achieved

We will be in full compliance by February 27, 1980.

RESPONSE TO INFRACTION 50-390/79-41-02

Infraction

As required by 10 CFR 50, Appendix "B," Criterion V, and as implemented by FSAR Paragraph 17.1A.5, "Activities affecting quality shall be prescribed by...procedures...and shall be accomplished in accordance with those...procedures". Detail welding procedure GT-8-8-0-3, Revision 0 requires an internal inert gas purge.

Contrary to the above, on December 5, 1979, the internal reinforcement of weld joint number 1-067C-289-02 in the Essential Raw Cooling Water Piping System was noted to have a black and sugary appearance, indicating the joint had been welded without an internal inert gas purge.

Corrective Action Taken and Results Achieved

The loss of purge on the above-mentioned weld was caused by a defective flow meter. The weld (partial root pass) was removed, and the pipe and elbow were repped and rewelded.

Action Taken to Prevent Recurrence

The welder and his foreman were given a disciplinary warning letter.

All flow meters issued to the craft welders were checked to ensure they were functioning properly.

Date When Full Compliance Will Be Achieved

We are now in full compliance.