

TENNESSEE VALLEY AUTHORITY

REGIONAL OFFICE  
CHATTANOOGA, TENNESSEE 37401  
ATLANTA, GEORGIA

400 Chestnut Street Tower II

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January 23, 1981

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 INSPECTION REPORT RII:  
390/80-19 AND 391/80-13 - ADDITIONAL REVISION TO THE RESPONSE TO  
DEFICIENCY 390/80-19-01

The subject inspection report dated August 20, 1980, cited TVA with two infractions and two deficiencies. Our report on these items was provided on September 11, 1980, and at the NRC's request a revised response to deficiency 390/80-19-01 was provided on October 23, 1980.

Our previous response to this deficiency stated that an inspection checklist would be added to a Watts Bar field instruction. In lieu of this, in order to increase the emphasis, a checklist of acceptance criteria is being added to the Nondestructive Examination Quality Control Procedure as stated in the attached revised response. This revision also changes the date for completion of the action to prevent recurrence.

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, 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

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ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2  
NRC INSPECTION REPORT 390/80-19 AND 391/80-13  
REVISED RESPONSE TO DEFICIENCY 390/80-19-01  
REVISION NO. 2

As required by Criterion VI of Appendix B to 10 CFR and implemented by PSAR paragraph 17, 1A.6, "Measures shall be established. . . these measures shall assure that documents, including changes are distributed to and used at the location where the prescribed activity is performed."

Contrary to the above, on July 2, 1980, the following was noted:

1. Watts Bar site has not documented requirements for procedures controlling activities affecting quality to be at the location where that activity is being accomplished.
2. An NDE examiner was observed performing liquid penetrant inspection in unit 1 containment building on 14 ASME Class 2 welds. When questioned, he did not know the acceptance criteria for rounded indications.
3. The above inspector did not have a liquid penetrant procedure on the job.

This is a deficiency and applies to License No. CPPR-91 only.

Corrective Action Taken

The NDE examiner has been reinstructed in the proper acceptance criteria for liquid penetrant inspections.

Action Taken to Prevent Recurrence

Copies of all procedures pertaining to NDE examinations have been given to all Welding Engineering Unit employees who perform NDE examinations. These employees have been instructed to know the information in the procedure or to have the procedure present when performing an inspection.

To assist NDE examination employees, checklists of acceptance criteria are being prepared and will be included as attachments to our Nondestructive Examination Quality Control Procedure. Copies of these checklists will be given to all NDE employees. When the checklists are issued, NDE employees will be required to either know the information in the procedure or have a copy of the procedure or the appropriate checklist present when performing an examination.

Date of Full Compliance

We are in compliance now. We anticipate having the checklists added to our procedures and issued to inspectors by January 31, 1981.