TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401

APR 18 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 - NRC INSPECTION REPORT 50-390/78-7 AND 50-391/78-6 - RESPONSE TO DEFICIENCY - FAILURE TO FOLLOW PROCEDURES

The subject letter dated March 27, 1978, cited TVA with one deficiency. Enclosed is TVA's 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

ENCLOSURE

WATTS BAR NUCLEAR PLANT
NRC INSPECTION REPORT 50-390/78-7, 50-391/78-6

FINAL REPORT

Deficiency — Failure to Follow Quality Control Procedures

390/78-07-01
391/78-06-01

10 CFR 50, Appendix B, Criterion V as implemented by Watts Bar FSAR Section 17.1A.5, states in part that "Activities affecting quality shall be prescribed by documented instructions, procedure or drawings ... and shall be accomplished in accordance with these instructions, procedures or drawings."

Paragraph 6 of WBNP-QCP-4.5 requires the responsible engineer to check stored mechanical equipment for visible deterioration and adequate protection from the environment. Equipment Storage and Maintenance Record Sheet (Attachment A to QCP-4.5) for the reactor coolant pump internals specifies that they are to be inspected for evidence of moisture and rust. QCP-4.5 also rquires when deficiencies are noted, the inspecting engineer to initiate any necessary corrective action and verify correction of the condition.

Contrary to the above, although records indicate that inspections were performed monthly as required, steel capscrews on all eight of the stored reactor coolant pump internals were extensively rusted. The capscrews appear to have been in the condition for a long time. Therefore, the inspecting engineer(s) apparently did not initiate the necessary corrective action for this condition.

Corrective Steps Which Have Been Taken and the Results Achieved

The following steps have been taken to correct this rusting condition:

1. The rust has been removed from the cap screws and a rust inhibitor applied to prevent further rusting.

2. The Equipment Storage and Maintenance Record Sheets for the RC pump internals have been revised to clarify the specific inspection requirements.

3. We have reviewed our Equipment Storage and Maintenance Record Sheets to ensure that we are more specific in our inspection requirements.

4. WBNP-QCP-4.5 has been revised to emphasize that the responsible engineer is to consider external rusting in his inspections and take corrective action if required.

Response

Corrective Steps Which Will Be Taken to Avoid Further Noncompliance

All corrective steps have been completed.

Date of Full Compliance

Full compliance was achieved on March 4, 1978.