

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA TENNESSEE 37401
400 Chestnut Street Tower II

July 30, 1982

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - INSUFFICIENT DOCUMENTATION FOR
PROTECTIVE DEVICES - WBRD-50-390/81-27, WBRD-50-391/81-26 - FIFTH INTERIM
REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on March 13, 1981 in accordance with 10 CFR 50.55(e) as NCR 3001R R1. Interim reports were submitted on April 10, May 21, July 9, and August 6, 1981. We expect to provide additional information by November 5, 1982.

This nonconforming condition is being corrected by reworking and also repairing deficient protective devices (PD). The location of each device is being checked and deviations are being analyzed. Anchor bolts are being tested using QCP 1.14. Specific as-built conditions, which appear to be equivalent to the original design are being evaluated. New criteria for, and orientation of, welding personnel, inprocess inspection training of structural inspectors, and detailed descriptions of work in work packages are expected to correct future structural installation and documentation problems. To date, 90 PDs have been completed and documented. TVA has identified approximately 12 PDs which cannot be completed until the repair of the steam generator feedwater inlet nozzle. Also, approximately six PDs are under review. We will supply additional information in our next report.

If you have any questions, please get in touch with R. H. Shell at
PTS 858-2688.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

D S Kammer

for L. M. Mills, Manager
Nuclear Licensing

cc: Mr. Richard C. DeYoung, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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