TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

NRC REGION II
ATLANTA, GEORGIA
82 MAY 27 A 8:1

May 24, 1982

WBRD-50-390/81-36
WBRD-50-391/81-35

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 - ANCHOR BOLTS INSTALLED NOT IN ACCORDANCE WITH SPACING SPECIFICATIONS - WBRD-50-390/81-36, WBRD-50-391/81-35 - EIGHTH INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on March 31, 1981 in accordance with 10 CFR 50.55(e) as NCR SWP 8106. Interim reports were submitted on April 30, May 21, June 4, September 16, and December 2, 1981 and January 29 and April 13, 1982. Enclosed is our eighth interim report. We expect to provide additional information by July 28, 1982.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure
cc: Mr. Richard C. DeYoung, 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
ANCHOR BOLTS INSTALLED NOT IN ACCORDANCE WITH SPACING SPECIFICATION
NCR WBN SWP 8106
WBRD-50-390/81-36, WBRD-50-391/81-35
10 CFR 50.55(e)
EIGHTH INTERIM REPORT

Description of Deficiency

TVA drawing 47A050-17 was issued for construction allowing pipe supports located in various safety-related systems throughout the plant to be installed erroneously. The spacing of expansion shell anchor bolts located on adjacent base plates may be less than the minimum specified in Construction Specification G-32. These design changes were not appropriately coordinated within TVA and may not be adequate.

Interim Progress

TVA has completed a design review of typical base plates that have self-drilling expansion shell (SSD) anchors on the base plate that are less than required by G-32. The design review also considered the effect of adjacent support base plates installed in accordance with the reduced minimum anchor spacing drawing 47A050-17. The results of this review are being evaluated.

The design review of the engineered supports used in conjunction with the reduced minimun spacing drawing 47A050-17 is in progress.