

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

June 4, 1981

81-445-000
Part 21

WBND-50-390/81-36

WBND-50-391/81-35

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 - ANCHOR BOLTS INSTALLED NOT IN
ACCORDANCE WITH SPACING SPECIFICATIONS - WBND-50-390/81-36, WBND-50-
391/81-35 - THIRD 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. TVA considers 10 CFR 21 applicable to this deficiency.
Interim reports were submitted on April 30 and May 21, 1981. Enclosed is
our third interim report. We expect to provide additional information by
September 16, 1981.

If you have any questions, please get in touch with D. L. Lambert at
PTS 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
ANCHOR BOLTS INSTALLED NOT IN ACCORDANCE WITH SPACING SPECIFICATION
WBRD-50-390/81-36, WBRD-50-391/81-35

10 CFR 50.55(e)

THIRD 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 is reviewing the design calculation used to derive the minimum spacings for drawing 47A050-17 for concrete strengths equal to or greater than 4,000 lb/in².