

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

March 4, 1983

NRC REGION II  
ATLANTA, GEORGIA

WBRD-50-390/82-102

83 MAR 7 AIO: 58

U.S. Nuclear Regulatory Commission  
Region II

Attn: Mr. James P. O'Reilly, Regional Administrator  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNIT 1 - USE OF INCORRECT ALLOWABLE LOADS FOR  
ANCHORS - WBRD-50-390/82-102 - SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector  
D. Quick on September 24, 1982 in accordance with 10 CFR 50.55(e) as NCR  
WBN SWP 8249. Our first interim report was submitted on October 25, 1982.  
Enclosed is our second interim report. We expect to submit our next report  
on or about June 27, 1983.

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*  
L. M. Mills, Manager  
Nuclear Licensing

Enclosure

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

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ENCLOSURE

WATTS BAR NUCLEAR PLANT UNIT 1  
USE OF INCORRECT ALLOWABLE LOADS FOR ANCHORS  
NCR WBN SWP 8249  
WBRD-50-390/82-102  
10 CFR 50.55(e)  
SECOND INTERIM REPORT

Description of Deficiency

During the support design for the Design Basis Accident (DBA) reanalysis under ECN 2104, a support designer used the Factored Load Design column, instead of the Service Load design column of Civil Design Standard DS-C6.1, as allowable loads on expansion shell anchors and wedge bolt anchors with normalized design loads from the CEB support load tables.

Interim Progress

TVA is continuing its review of all safety-related pipe supports to ensure that they perform adequately under accident conditions. Any deficiencies found will be corrected.