



TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

October 25, 1982

WBRD-50-390/82-102

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USNRC REGION I  
ATLANTA, GEORGIA

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 UNIT 1 - USE OF INCORRECT ALLOWABLE LOADS FOR  
ANCHORS - WBRD-50-390/82-102 - FIRST 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. Enclosed is our first interim report. We expect to submit  
our next report on or about March 7, 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, 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)  
FIRST 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 shells and wedge bolts with normalized design loads from the CEB support load tables.

Corrective Action

TVA is reviewing the subject supports to resolve the deficiencies. Additional information will be forwarded in our next report.