

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

September 22, 1982

WBRD-50-390/82-88  
WBRD-50-391/82-84

82 SEP 24 11:09

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:

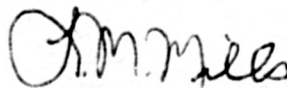
WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - CONTROL OF CIVIL ENGINEERING  
SUPPORT BRANCH ANALYSIS CALCULATIONS - WBRD-50-390/82-88, WBRD-50-391/82-84  
- FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector D. Quick on August 23, 1982 in accordance with 10 CFR 50.55(e) as NCR WBN CEB 8222. Enclosed is our first interim report. We expect to submit our next report on or about February 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

8209300288 820922  
PDR ADOCK 05000390  
S PDR

An Equal Opportunity Employer

OFFICIAL COPY

IE 27

ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2  
CONTROL OF CIVIL ENGINEERING SUPPORT BRANCH ANALYSIS CALCULATIONS  
NCR WBN CEB 8222  
WBRD-50-390/82-88, WBRD-50-391/82-84  
10 CFR 50.55(e)  
FIRST INTERIM REPORT

Description of Deficiency

Certain safety-related piping analysis calculations have not been documented according to the requirements of TVA's Division of Engineering Design Engineering Procedure 3.03 (i.e., EN DES-EP 3.03 requires that design calculations be prepared, checked, placed in a volume, and sent to document storage.)

Also, 10 CFR 50 Appendix B Criterion III requires verification or checking the adequacy of design. Since these calculations (approximately 30 in all) have not been properly documented, they are now unretrievable for verification or determination whether the appropriate checking has been performed.

Interim Progress

TVA's Civil Engineering Support Branch (CEB) is reviewing the calculation packages of problems for which it is responsible to ensure that they are properly documented to meet the requirement of EN DES-EP 3.03.