

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

November 5, 1982

WBRT-50-390/82-106

WBRD-50-391/82-100

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:

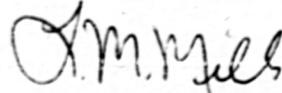
WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - DISCREPANCIES IN PIPE RUPTURE
HARDWARE - WBRD-50-390/82-106, WBRD-50-391/82-100 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
R. V. Crlenjak on October 6, 1982 in accordance with 10 CFR 50.55(e)
as NCR WBN CEB 8229. Enclosed is our first interim report. We expect to
submit our next report on or about January 25, 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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REGION II
ATLANTA, GA

ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2
DISCREPANCIES IN PIPE RUPTURE HARDWARE
NCR WEN CEB 8229
WBRD-50-390/82-106, WBRD-50-391/82-100
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Thermal analysis and provision for piping thermal movements shown on TVA drawing, 48W1352-4 R7 (main feedwater), section E4-E4 and note 3, appear excessive. These movements are not supported by actual measurements taken during operation in a similar situation at Sequoyah Nuclear Plant.

Corrective Action

The piping analysis is being redone, using TVA's most current computer program (TPIPE). If the presently predicted movement is determined to be too large, the restraint will be revised to accommodate the appropriate movement. More information will be provided in our next report.