

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

July 20, 1982 A 8:12
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WBRD-50-390/82-71

WBRD-50-391/82-66

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 - REVIEW AND UPDATING OF PIPING
DRAWINGS - WBRD-50-390/82-71, WBRD-50-391/82-66 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-DIE Inspector
R. V. Crlenjak on June 21, 1982 in accordance with 10 CFR 50.55(e) as NCR
WBN QAB 8204. Enclosed is our first interim report. We expect to submit
our next report by November 12, 1982.

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, DC 20555

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ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 REVIEW AND UPDATING OF PIPING DRAWINGS

NCR WBN QAB 8204

WBRD-50-390/82-71, WBRD-50-391/82-66

10 CFR 50.55(e)

FIRST INTERIM REPORT

Description of Deficiency

TVA has failed to develop a procedurally controlled system to ensure that all piping defined in the Watts Bar Design Criteria WB-DC-40-31.3, "Assignment of Responsibility for Analysis, Support, and Fabrication of Piping Systems" (last revision 7-16-76), and presented on colored drawings that establish boundaries are routinely reviewed and updated for revisions. These procedural controls are necessary to ensure that all category I piping systems have been analyzed before appropriate schedule commitments (i.e., fuel loading, etc.). As a result, there may be piping segments which have not been analyzed nor their dependent pipe support designs released to Construction. At present, although no situations are known to exist wherein the required analyses have not been performed, there is no mechanism to assure that all necessary pipe supports are in place before plant operation (e.g., those pipe supports which were never designed because their predecessor analyses had never been performed).

Interim Progress

TVA is in the process of evaluating this item. A means of developing a procedurally controlled system for these drawings is being studied.