

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

October 18, 1982

WBRD-50-390/81-88

WBRD-50-391/81-82

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 - INSPECTION REQUIREMENTS FOR
PIPE INSULATION - WBRD-50-390/81-88, WBRD-50-391/81-82 - FOURTH INTERIM
REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
R. V. Crlenjak on October 9, 1981 in accordance with 10 CFR 50.55(e)
as NCR WBN SWP 8158. Interim reports were submitted on November 9, 1981
and February 17 and April 26, 1982. Enclosed is our fourth interim
report. We expect to submit our next report on or about April 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

DS Kammer

for 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 UNITS 1 AND 2
INSPECTION REQUIREMENTS FOR PIPE INSULATION
NCR WBN SWP 8158
WBRD-50-390/81-88, WBRD-50-391/81-82
10 CFR 50.55(e)
FOURTH INTERIM REPORT

Description of Deficiency

This deficiency concerns failures to include documented piping insulation inspections in the WBN quality control program. The failure to include piping insulation inspection could result in insulation which has been installed in a manner other than as specified by design not being detected.

Interim Progress

Revisions to Construction Specification N3G-881, "Identification of Structures, Systems, and Components Covered by the Watts Bar Quality Assurance Program," and N3C-912, "Support and Installations of Piping Systems in Category I Structures," have been written to provide the scope of inspection requirements and acceptance criteria for insulation installed at Watts Bar Nuclear Plant. A specification revision notice (SRN) for each specification has been sent to TVA's Division of Construction office at Watts Bar for final sign off. TVA is in the process of developing drawings which will reflect the QA requirements for the installation of insulation.