

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

SEP 27
September 26, 1983

WBRD-50-390/82-04
WBRD-50-391/82-04

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - FOAM SEALS IN MECHANICAL PIPE
SLEEVES - WBRD-50-390/82-04, WBRD-50-391/82-04 - SEVENTH INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on December 4, 1981 in accordance with 10 CFR 50.55(e) as NCR WBN CEB 8118. Interim reports were submitted on January 8, and March 1, 1982. Our final report on this item was submitted on April 14, 1982. As discussed with Inspector Crlenjak on June 4 and Inspector D. Quick on August 12, 1982, TVA's final report contained information which, in subsequent investigations by TVA, was found to be inaccurate. Additional interim reports were submitted on August 18, 1982 and February 8, and June 21, 1983. We expect to submit our next report on or about December 30, 1983.

TVA is in the process of finalizing additional calculations to supplement the previous test data and to document the determination that the increases in pipe stresses and support loads due to the foam seals are insignificant.

A maximum pipe movement for each pipe/sleeve combination is being evaluated to ensure that the sealant will perform its intended design function.

The design standard being developed to provide requirements and procedures to sleeve designers is still under review.

Additional information will be forwarded in our next submittal.

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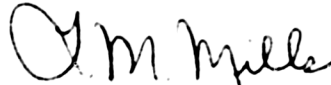
U.S. Nuclear Regulatory Commission

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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

cc: Mr. Richard C. DeYoung, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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