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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

USNRC REGION II
ATLANTA, GEORGIA

February 11, 1982
FEB 16 A 8:54

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 - FAILURE OF SAFETY-RELATED WESTINGHOUSE GATE VALVES - NCR WBN NEB 8013 - SIXTH INTERIM REPORT

The subject condition was initially reported to NRC-OIE Inspector R. W. Wright on October 31, 1980 in accordance with 10 CFR 50.55(e). Interim reports were submitted on December 1, 1980 and March 23, June 3, September 1, and November 18, 1981. We expect to provide our next report by April 15, 1982. TVA considers 10 CFR 21 applicable to this nonconformance.

TVA is making field modifications per Westinghouse's instructions. For some valves, the modification involves adjusting the torque switch settings. Other valves required motor operator gear ratio changes and rewiring from torque switch closure control to limit switch closure control. After completion of these modifications on three of the valves, they were tested. During the course of testing these valves, a housing on each Limitorque motor operator ruptured. This condition has been reported as NCR 3793R per 10 CFR 50.55(e). TVA is investigating this condition to determine if the housing failures are a consequence of the modifications performed on the Westinghouse valves.

If you have any questions, please get in touch with L. H. Shell at FTS 858-2688.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

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

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