

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

January 27, 1983

WBRD-50-390/82-19
WBRD-50-391/82-18

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 LIMITORQUE MOTOR
OPERATORS DURING VALVE CLOSURE - WBRD-50-390/82-19, WBRD-50-391/82-18 -
FIFTH INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on January 26, 1982 in accordance with 10 CFR 50.55(e) as NCR 3793R1. Interim reports were submitted on February 25, April 22, July 21, and October 21, 1982. We expect to submit our next report by June 22, 1983. We consider 10 CFR Part 21 applicable to this deficiency.

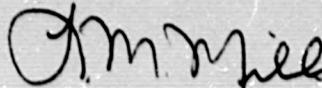
Westinghouse and Limatorque are continuing to investigate the problem. Limatorque has not yet determined which particular set of motor operators with the cast iron housing (by serial number) are deficient. Westinghouse still believes that the failures may be associated with misuse since there is evidence of manual overtightening of the motor operators.

TVA has investigated this NCR for applicability to the NSSS at other TVA plants and has found it to be applicable only to Watts Bar. All affected valves at Watts Bar are safety-related. TVA will continue to work with Westinghouse and Limatorque to resolve this problem. Enclosed is a list of valves applicable to this NCR. TVA will provide more information in our next report.

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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ENCLOSURE

POTENTIAL AFFECTED VALVES IN NSSS

<u>Valve I.D.</u>	<u>W Location No.</u>	<u>Drawing No.</u>	<u>Motor Operator Type</u>
3-GM72FB	1,2-8104	1167E78	SB-00
3-GM78FN	1,2-8105 1,2-8106	115E009	SB-00
3-GM88FNH	1,2-8000A 1,2-8000B	115E010	SB-00
4-GM72FB	1,2-0112B 1,2-0112C * 1,2-8100 1,2-8807A 1,2-8807B 1,2-8924 *	115E001	SB-00
4-GM72FBH	1,2-8112	115E002	SB-00
4-GM77FH	1,2-8821A 1,2-8821B	115E620	SB-00
4-GM78FN	1,2-8801A 1,2-8801B 1,2-8802A 1,2-8802B 1,2-8803A 1,2-8803B 1,2-8835	115E011	SBD-00
6-GM72FB	1,2-8934A 1,2-8934B	115E003	SB-00
8-GM72FB	1,2-0112D 1,2-0112E 1,2-8806	115E004 115E004 115E280	SB-00
8-GM74FE	1,2-8716A 1,2-8716B 1,2-9026A 1,2-9026B * 1,2-8804A 1,2-8804B	1167E82 115E005	SB-00 SB-00

* The valves at these locations have failed.