

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

APR 29 1988

WBRD-50-390/86-64
WBRD-50-391/87-23

10 CFR 50.55(e)

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of the Application of)
Tennessee Valley Authority)

Docket Nos. 50-390
50-391

WATTS BAR NUCLEAR PLANT (WBN) UNITS 1 AND 2 - FAILED MOTOR PINION KEYS AND
MOTOR SHAFT IN LIMITORQUE OPERATOR - WBRD-50-390/86-64 AND WBRD-50-391/87-23 -
EXTENSION OF REPORT SCHEDULE

The subject deficiency was initially reported to NRC Region II Inspector Morris Branch on October 9, 1986, in accordance with 10 CFR 50.55(e) as Nonconformance Report (NCR) W-477-P for unit 1. Our first and second interim reports were submitted on November 12, 1986 and March 16, 1987, respectively. The NCR was subsequently superseded by Condition Adverse to Quality Report (CAQR) WBP 870995, and CAQR WBP 870996 was initiated for unit 2. Our third interim report was submitted on November 12, 1987.

Our last report indicated that TVA was shipping the most recently tested motor to the Limitorque Corporation for their analysis and investigation. This has been accomplished. Limitorque has performed a 2000 cycle test by loading the valve operator against a hydraulic cylinder. This test did not produce the same results experienced at WBN. TVA engineering has determined that the test configuration did not adequately represent field conditions and is pursuing a more representative test with limitorque. We expect to submit our next report on or about September 30, 1988. We consider 10 CFR 21 applicable to this deficiency.

If there are any questions, please telephone C. J. Riedl at (615) 365-8524.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

M. A. Riedl
R. Gridley, Director
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U.S. Nuclear Regulatory Commission

APR 29 1988

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