

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

February 2, 1984

WBRD-50-390/83-62
WBRD-50-391/83-57

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 - LOADING ON DIESEL GENERATOR FOR LOCA AND
BLACKOUT CAUSING UNACCEPTABLE FREQUENCY TRANSIENT - WBRD-50-390/83-62,
WBRD-50-391/83-57 - THIRD INTERIM REPORT

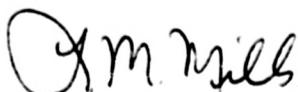
The subject deficiency was initially reported to NRC-OIE Inspector
Linda Watson on October 7, 1983 in accordance with 10 CFR 50.55(e) as
NCR WBN EER 8312. Interim reports were submitted on November 7 and December 22,
1983. We expect to submit our next report on or about March 9, 1984.

TVA has completed calculations for loading conditions involving all four diesel
generators and has given this data to Morris-Knudsen. Morris-Knudsen is now
performing the calculations required to determine if the diesel generator
frequency transients are within Regulatory Guide 1.9 limits.

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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