

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

June 12, 1985

WBRD-50-390/84-29
WBRD-50-391/84-26

U.S. Nuclear Regulatory Commission
Region II
Attn: Dr. J. Nelson Grace, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

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Dear Dr. Grace:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - INCREASED ENVIRONMENTAL TEMPERATURES IN THE MAIN STEAM VALVE ROOMS - WBRD-50-390/84-29, WBRD-50-391/84-26 - FIFTH INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector P. E. Fredrickson on May 22, 1984 in accordance with 10 CFR 50.55(e) as NCR WBN NEB 8403. Interim reports were submitted on July 21, August 17, and October 2, 1984 and March 7, 1985. Below is our fifth interim report. We expect to submit our next report on or about August 15, 1985. We consider 10 CFR Part 21 applicable to this deficiency.

Interim Progress

As indicated in the third interim report dated October 2, 1984, TVA's evaluations of the postulated main steamline break (MSLB) in the valve vault was to have been completed and a report issued by June 14, 1985. This date was predicated upon data being provided by a Westinghouse Owners Group (WOG) program starting August 5, 1984. The implementation of the program was delayed by a WOG determination that the issue was not generic to all Westinghouse plants and that it would be more appropriately addressed by an Owners subgroup comprised of utilities with plants potentially affected by the MSLB superheat issues. The program scope and schedule proposed by the subgroup was presented to the NRC in a January 25, 1985 meeting in Bethesda, Maryland. The completion date of the subgroup effort did not support Watts Bar Nuclear Plant (WBN) licensing; therefore, TVA contracted with Westinghouse for a WBN plant-specific MSLB analysis. TVA has only recently received the plant specific analysis from W. This information is currently being evaluated to determine the environmental profiles resulting from the postulated MSLB in the main steam valve rooms. A comprehensive evaluation of the effects of the increased environmental temperature upon the plant's capability to achieve controlled hot standby will then be performed. TVA expects this evaluation to be complete and reported to the NRC on or by August 15, 1985.

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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



J. W. Hufham, Manager
Licensing and Regulations

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

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