



Tennessee Valley Authority, Post Office Box 2000, Spring City, Tennessee 37381

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JUN 22 1993

CDR-50-390/92-09
CDR-50-391/92-09

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 - USE OF NONCONSERVATIVE MASS
AND ENERGY RELEASE DATA FOR MAIN STEAM LINE BREAK ANALYSIS -
CDR 50-390/92-09 AND CDR 50-391/92-09 - REVISED FINAL REPORT

The purpose of this letter is to notify NRC that TVA is revising the completion date for a previous commitment. In a letter dated October 13, 1992, TVA submitted a final report to NRC on the subject deficiency. In that submittal, TVA committed to revise design documentation utilizing appropriate mass/energy blowdowns for the pressure profile transient of the Main Steam Valve Vaults. This action was to include revision of the current calculation, as well as generating any new calculations and implementing any modifications that may be required. A completion date of June 30, 1993, was specified for Unit 1.

The following Unit 1 actions have been completed to date:

1. System Description N3-1-4002, "Main Steam System," Revision 4, has been issued.
2. The following calculations have been revised/generated:
 - WBNAPS2-122, Revision 0, "MSLB Mass and Energy Releases to the Main Steam Valve Vaults."
 - TI-556, Revision 1, "South Main Steam Valve Room Transient Pressure Analysis."

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- WGC-1-1317, Revision 1, "Evaluation of South Steam Valve Room (SSVR) Walls."
- WCG-1-1571, Revision 0, "Reduce Openings at North Valve Room (NVR) and South Valve Room (SVR) Main Steam Penetrations."

3. The following Design Change Notices (DCNs) have been issued:

- DCN M-23449 provides for installation of flued head anchor sleeves to limit the mass and energy entering the valve vault following a MSLB at the flued head anchor.
- DCN F-24974 provides revisions to DCN M-23449.

In order to better coincide with plant completion activities, the implementation date for the required Unit 1 modifications is being changed from June 30, 1993, to prior to System 604, "Auxiliary Building - Miscellaneous Steel Access Platforms, Miscellaneous Stairs and Support System," turnover to the Operations Staff. This action will be tracked to completion under the corrective action plan for Significant Corrective Action Report (SCAR) WBSA 920051.

For Unit 2, TVA stated that similar actions would be developed after a Unit 2 completion schedule was established. Actions similar to those taken on Unit 1 will be developed and implemented for Unit 2, as necessary, prior to fuel load.

If there are any questions, please telephone P. L. Pace at (615) 365-1824.

Very truly yours,



William J. Museler

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