

TENNESSEE VALLEY AUTHORITY

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JUN 15 1987

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) - UPPER HEAD INJECTION (UHI) REMOVAL - STATUS OF FSAR CHAPTER 15

By letter to NRC dated April 8, 1987, TVA submitted proposed changes to the WBN Final Safety Analysis Report (FSAR) to reflect the removal of the UHI system. Revisions to FSAR Chapter 15 were not included in this package. A commitment was made to provide Chapter 15 to reflect UHI removal by June 15, 1987.

TVA is presently considering a plant modification to alter the direction of the flow in the baffle barrel region from opposite of core flow (downflow) to parallel to core flow (upflow). The modification is expected to prevent the apparent baffle jetting problems at plants similar to WBN (downflow). This modification, if implemented, would also require FSAR Chapter 15 to be revised for both text and accident analyses.

It is the intent of TVA to combine the UHI removal and upflow conversion into a single FSAR Chapter 15 submittal. This would preclude the necessity of TVA and the NRC expending resources to re-review material. TVA is expected to reach a decision on the upflow modification in July. Once the decision is made, TVA will notify NRC and a schedule for the FSAR Chapter 15 submittal will be provided.

If further discussion is required on this subject, please telephone R. J. McMahon, at (615) 365-8761.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

J. A. Doman
for R. L. Gridley, Director
Nuclear Safety and Licensing

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U.S. Nuclear Regulatory Commission

cc (Enclosure):

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