



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

William J. Museler
Site Vice President
Watts Bar Nuclear Plant

JUN 18 1993

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 No. 50-390

WATTS BAR NUCLEAR PLANT (WBN) UNIT 1 - RESPONSE TO REQUEST FOR ADDITIONAL
INFORMATION ON THE DRAFT TECHNICAL SPECIFICATIONS (TAC M76742)

By letter dated March 15, 1993, the staff asked for additional information on the disposition of eight Safety Evaluation Report (SER) issues relative to the proposed WBN Technical Specifications. TVA responded to five of the eight questions by letter dated April 20, 1993 and to two questions by letter dated May 28, 1993. The response to the final remaining question is provided in the enclosure.

If you have any questions, please telephone Tom Porter at (615) 365-3854.

Very truly yours,

William J. Museler

Enclosure
cc: See page 2

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cc (Enclosure):

NRC Resident Inspector
Watts Bar Nuclear Plant
P.O. Box 700
Spring City, Tennessee 37381

Mr. P. S. Tam, Senior Project Manager
U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852

U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

ENCLOSURE

NRC Question 4:

SER Section 5.2.5 describes the various items used to detect identified and unidentified reactor coolant system leakage. For unidentified leakage the staff states that if leakage is alarmed and confirmed in a flow path with no indicators, the TS will require that a water inventory material balance be initiated within 1 hour to determine the extent of the leakage. Provide the appropriate Conditions, Required Actions, and Completion Times in LCO 3.4.13, "RCS Operational Leakage."

RESPONSE

TVA has reviewed the referenced SER section and believes the identified issue is concerned with unidentified intersystem leakage. TVA has not identified the potential leakage paths that the SER refers to when it discusses leakage into flow paths that are alarmed but not indicated, nor does the SER explain why actions are required for Watts Bar beyond those already in the Standard Technical Specifications. FSAR Section 5.2.7.4 describes the methods employed to identify intersystem leakage. The FSAR states that means are available to monitor and alarm intersystem leakage from the RCS pressure boundary to the Emergency Core Cooling Systems. The specific methods are described in this FSAR section. The Standard Technical Specifications for Westinghouse Plants, NUREG-1431, requires a water inventory balance every 72 hours to confirm compliance with RCS Operational Leakage limits. The Technical Specifications also require that leakage be reduced to within limits in 4 hours when RCS LEAKAGE is determined not within limits. As is the case with all Technical Specification requirements, the applicable Conditions and Required Actions are entered whenever a limit is known not to be met as required by LCO 3.0.2. The proposed Watts Bar Technical Specifications are consistent with the requirements in NUREG-1431 and no additional changes are considered necessary.

TVA believes the SER does not accurately describe the intersystem leakage detection methods discussed in the FSAR. Statements are made in the SER that leakage across check valves is detected by pressure indicators and is alarmed in the control room. The wording of the SER implies that this is true on an individual valve basis which is incorrect. TVA believes the SER should be amended to clarify the system description consistent with the FSAR and to remove the additional inventory balance requirements beyond those in the Standard Technical Specifications.