



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

OCT 26 1995

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of the Application of) Docket Nos. 50-390
Tennessee Valley Authority)

WATTS BAR NUCLEAR PLANT (WBN) UNIT 1 - NUREG-0737, ITEM III.D.1.1 -
INTEGRITY OF SYSTEMS OUTSIDE CONTAINMENT LIKELY TO CONTAIN RADIOACTIVE
MATERIAL - INITIAL TEST RESULTS (TAC NO. M63646)

This letter provides the baseline leak test results from the leak reduction program for the systems identified in TVA's letter dated July 24, 1993, and Section 5.7.2.4 of the WBN draft Technical Specifications. This letter supersedes the initial leak test results provided in TVA's letters dated July 20, 1984, for the waste gas system and February 26, 1985, for the liquid systems.

Due to the length of time that has elapsed since the original test provided in the above referenced letters, and the modifications to the plant since the time of those submittals, TVA has re-baselined by testing the six systems listed in the Technical Specification Section 5.7.2.4. The results of that testing are provided below:

<u>System Tested</u>	<u>Test Completed</u>	<u>Leakage Results</u>
Residual Heat Removal (RHR)	07/25/95	See Below
Containment Spray (CSS)	09/21/95	No Leakage
Safety Injection (SI)	10/07/95	No Leakage
Chemical and Volume Control (CVCS)	08/10/95	No Leakage
Sampling	10/18/95	No Leakage
Waste Gas	10/10/95	3.88 scfh leakage

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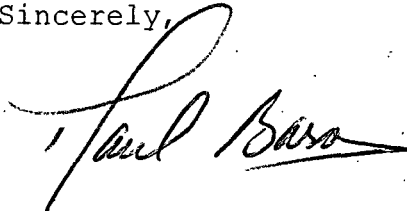
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Any leakage that occurred during the testing of the liquid systems (RHR, CSS, SI, CVCS, and Sampling) was immediately corrected and the area retested with the exception of one RHR valve. The subject valve had an existing work order to correct a packing leak. The work has been completed; however, post-maintenance testing cannot be completed until power ascension when pressure and temperature occurs. This test is being tracked by the plant for completion.

The waste gas system had leakage results of 3.88 standard cubic feet per hour (scfh). Please note that the 1984 results of the waste gas system as provided in the July 20, 1984 letter, was 15.5 scfh. TVA considers the "3.88 scfh" leakage test results to be acceptable.

If you should have any questions concerning this matter, please telephone John Vorees at (423) 365-8819.

Sincerely,



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Nuclear Assurance
and Licensing Manager (Acting)

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