

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

February 26, 1985

Director of Nuclear Reactor Regulation
Attention: Ms. E. Adensam, Chief
Licensing Branch No. 4
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Ms. Adensam:

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

By letters dated September 14, 1981, June 11, 1982, and October 4, 1984, TVA provided its initial and revised responses, respectively, to NUREG-0737 item III.D.1.1 "Integrity of Systems Outside Containment for the Watts Bar Nuclear Plant.

By the referenced letter of June 11, 1982, TVA committed to submit the initial test results of the leak reduction program for the systems listed below:

Liquid Systems - Safety Injection System (SIS), Containment Spray System (CSS)
Residual Heat Removal (RHR), Chemical and Volume Control System
(CVCS), and Reactor Coolant Sampling System (RC Sample)

Gaseous - Waste Gas System

By letter dated July 20, 1984, TVA submitted the results of the gross leakage test performed for the Waste Gas System. As a result of subsequent TVA/NRC conference calls held to discuss the test results, TVA, by the previously referenced letter of October 4, 1984 submitted a revised response to NUREG-0737 item III.D.1.1 which deleted the Waste Gas System from the test program. (A detailed justification supporting the exclusion of the Waste Gas System was provided as Attachment 1 of the submittal).

As previously mentioned, TVA committed to provide the initial leak test results for the identified liquid systems. Enclosed are the test results.

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A PDR

Director of Nuclear Reactor Regulation

February 26, 1985

If you have any questions concerning this matter, please get in touch with Dave Ellis at FTS 858-2681.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

J. A. Damer
J. A. Damer
Nuclear Engineer

Sworn to and subscribed before me
this 26th day of Feb. 1985.

Bryant M. Lowery
Notary Public

My Commission Expires 4/8/86

Enclosure

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

WBNP
TI-31.7.0
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Revision 0

EXTERNAL LEAK RATES

DATA SHEET 1

DATE 2/10/85

UNIT 1

<u>TI NO.</u>	<u>SYSTEM</u>	<u>DATE OF TEST</u>	<u>SYSTEM EXTERNAL LEAK RATE</u>	
31.7.1	CSS	<u>5/14/84</u>	<u>0</u>	GPM
31.7.2	SIS	<u>5/14/84</u>	<u>0</u>	GPM
31.7.3	RHR	<u>6/8/84</u>	<u>0</u>	GPM
31.7.4	CVCS	<u>2/10/85</u>	<u>0</u>	GPM
31.7.5	RC Sample	<u>9/5/84</u>	<u>0</u>	GRM
TOTAL A.B. EXTERNAL LEAKAGE			<u>0</u>	GPM

Data Verified By:

Adam Linginfelter
Mechanical Engineer

Remarks and Comments: