



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

FEB 12 2004

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

Gentlemen:

In the Matter of) Docket No.50-390
Tennessee Valley Authority)

WATTS BAR NUCLEAR PLANT (WBN) - JANUARY 2004 MONTHLY OPERATING
REPORT

The enclosure provides the January 2004 Monthly Operating
Report as required by WBN Technical Specification
Section 5.9.4.

There are no regulatory commitments in this submittal and
should there be questions regarding this letter, please
telephone me at (423) 365-1824.

Sincerely,

P. L. Pace
Manager, Site Licensing
and Industry Affairs

Enclosure
Monthly Operating Report - January 2004

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cc (Enclosure):

NRC Resident Inspector
Watts Bar Nuclear Plant
1260 Nuclear Plant Road
Spring City, Tennessee 37381

Ms. Margaret H. Chernoff, Project Manager
U.S. Nuclear Regulatory Commission
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U.S. Nuclear Regulatory Commission
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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR PLANT (WBN)

MONTHLY OPERATING REPORT

JANUARY 2004

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

OPERATING DATA REPORT

Docket No. 50-390
 Unit Name: WBN Unit 1
 Date: February 5, 2004
 Completed By: P. P. Salkeld
 Telephone: (423) 365-3635
 Reporting Period: January 2004

1. Design Electrical Rating (MWe-Net): 1155
 2. Maximum Dependable Capacity (MWe-Net): 1121

	<u>Month</u>	<u>Year-to-Date</u>	<u>Cumulative</u>
3. Number of Hours Reactor was Critical	<u>708</u>	<u>708</u>	<u>61,472</u>
4. Hours Generator On-Line	<u>702</u>	<u>702</u>	<u>61,154</u>
5. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
6. Net Electrical Energy Generated (MWh)	<u>790,787</u>	<u>790,787</u>	<u>67,806,471</u>

UNIT SHUTDOWNS

DOCKET NO: 50-390
UNIT NAME: WBN-1
DATE: February 5, 2004
COMPLETED BY: P. P. Salkeld
TELEPHONE: (423) 365-3635

REPORT PERIOD: January 2004

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code ⁴	Cause and Corrective Action to Prevent Recurrence
1	01/16/2004	F	42.00	B	3	2004-001	N/A	N/A	The unit operated at or near 100 percent power until January 16, 2004 at approximately 1138 hours when an automatic trip occurred. The trip resulted when individuals who were performing testing in the Reactor Trip System induced an invalid turbine trip signal while using a volt-ohmmeter. The unit was returned to service on January 18, 2004, with generator synchronization/ breaker closure at 0537 hours. The unit operated at or near 100 percent for the remainder of the month.

¹ F: Forced
S: Scheduled

² Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training / License Examination
 F-Administrative
 G-Operational Error (Explain)
 H- Other (Explain)

³ Method
 1-Manual
 2-Manual Trip/Scram
 3-Automatic Trip/Scram
 4-Continuation Outage
 5-Other (Explain)

⁴ Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) (NUREG - 1022)

Summary: The unit operated at or near 100 percent power until January 16, 2004 at approximately 1138 hours when an automatic trip occurred. The unit was returned to service on January 18, 2004, with generator synchronization/breaker closure at 0537 hours. The unit operated at or near 100 percent for the remainder of the month.