



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

NOV 14 2003

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

Gentlemen:

In the Matter of                     )  
Tennessee Valley Authority        )

Docket No.50-390

WATTS BAR NUCLEAR PLANT (WBN) - OCTOBER 2003 MONTHLY OPERATING  
REPORT

Enclosed is the October 2003 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,

Wan

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

Enclosure  
cc: See page 2

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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  
MS 08G9  
One White Flint North  
11555 Rockville Pike  
Rockville, Maryland 20852-2738

U.S. Nuclear Regulatory Commission  
Region II  
Sam Nunn Atlanta Federal Center  
61 Forsyth St., SW, Suite 23T85  
Atlanta, Georgia 30303

ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
WATTS BAR NUCLEAR PLANT (WBN)

MONTHLY OPERATING REPORT

OCTOBER 2003

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

## OPERATING DATA REPORT

Docket No.	<u>50-390</u>
Unit Name:	<u>WBN Unit 1</u>
Date:	<u>November 5, 2003</u>
Completed By:	<u>P. P. Salkeld</u>
Telephone:	<u>(423) 365-3635</u>
Reporting Period:	<u>October 2003</u>

1. Design Electrical Rating (MWe-Net):	<u>1155</u>
2. Maximum Dependable Capacity (MWe-Net):	<u>1121*</u>

	<u>Month</u>	<u>Year-to-Date</u>	<u>Cumulative</u>
3. Number of Hours Reactor was Critical	<u>269.8</u>	<u>6115.3</u>	<u>59281</u>
4. Hours Generator On-Line	<u>269.8</u>	<u>6088</u>	<u>58988</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>251039</u>	<u>6841516</u>	<u>65307584</u>

\*Adjusted based on seasonal conditions experienced during Cycle 5.

# UNIT SHUTDOWNS

**DOCKET NO:** 50-390  
**UNIT NAME:** WBN-1  
**DATE:** November 5, 2003  
**COMPLETED BY:** P. P. Salkeld  
**TELEPHONE:** (423) 365-3635

**REPORT PERIOD:** October 2003

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>4</sup>	Cause and Corrective Action to Prevent Recurrence
1	10-01-03	S	475.2	C	4	N/A	N/A	N/A	The WBN Unit 1 Cycle 5 refueling outage continued until October 20, 2003, when the unit was connected to the grid at 19:13 EDT. The unit reached 100 percent power at 01:15 EDT on October 25, 2003.

<sup>1</sup> F: Forced  
S: Scheduled

<sup>2</sup> 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)

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

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

**Summary:** The WBN Cycle 5 refueling outage continued until October 20, 2003, with the unit returning to 100 percent power on October 25, 2003. There were no challenges to the pressurizer power operated relief valves or pressurizer safety valves during the month.