



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,

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

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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

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 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	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.

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 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.