



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

JUN 15 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) - MAY 2004 MONTHLY OPERATING  
REPORT

Provided in the enclosure is the Monthly Operating Report for  
May 2004 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 - May 2004

cc: See page 2

IE24

U.S. Nuclear Regulatory Commission  
Page 2

JUN 15 2004

cc (Enclosure):

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

Ms. M. H. Chernoff, Project Manager  
U.S. Nuclear Regulatory Commission  
MS 08G9  
One White Flint North  
11555 Rockville Pike  
Rockville, Maryland 20852-2738

Mr. M. M. Comar, 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

MAY 2004

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

## OPERATING DATA REPORT

Docket No. 50-390  
 Unit Name: WBN Unit 1  
 Date: June 3, 2004  
 Completed By: P. P. Salkeld  
 Telephone: (423) 365-3635  
 Reporting Period: May 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>744</u>	<u>3,611</u>	<u>64,375</u>
4. Hours Generator On-Line	<u>744</u>	<u>3,605</u>	<u>64,057</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>844,985</u>	<u>4,139,116</u>	<u>71,154,800</u>

## UNIT SHUTDOWNS

**DOCKET NO:** 50-390  
**UNIT NAME:** WBN-1  
**DATE:** June 3, 2004  
**COMPLETED BY:** P. P. Salkeld  
**TELEPHONE:** (423) 365-3635

**REPORT PERIOD:** May 2004

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
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The unit operated at or near 100 percent power for the entire month of May 2004.

<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 unit operated at or near 100 percent power for the entire month of May 2004.