



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

MAY 13 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) - APRIL 2004 MONTHLY OPERATING
REPORT

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

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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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Sam Nunn Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR PLANT (WBN)

MONTHLY OPERATING REPORT

APRIL 2004

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

OPERATING DATA REPORT

Docket No. 50-390
 Unit Name: WBN Unit 1
 Date: May 6, 2004
 Completed By: P. P. Salkeld
 Telephone: (423) 365-3635
 Reporting Period: April 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>719</u>	<u>2,867</u>	<u>63,631</u>
4. Hours Generator On-Line	<u>719</u>	<u>2861</u>	<u>63,313</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>829,429</u>	<u>3,294,131</u>	<u>70,309,815</u>

UNIT SHUTDOWNS

DOCKET NO: 50-390
UNIT NAME: WBN-1
DATE: May 6, 2004
COMPLETED BY: P. P. Salkeld
TELEPHONE: (423) 365-3635

REPORT PERIOD: April 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
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 April 2004.

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 for the entire month of April 2004.