



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

10 CFR 50.4

MAY 11 2001

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

Gentlemen:

In the Matter of ) Docket Nos. 50-390  
Tennessee Valley Authority )

WATTS BAR NUCLEAR PLANT (WBN) - APRIL 2001 MONTHLY OPERATING  
REPORT

Enclosed is the April 2001 Monthly Operating Report as required by WBN Technical Specification Section 5.9.4. This report adopts the format provided by Generic Letter 97-02, "Revised Contents of the Monthly Operating Report." If you have any questions concerning this matter, please call me at (423) 365-1824.

Sincerely,



P. L. Pace  
Manager, Licensing and Industry Affairs

Enclosure  
cc: See page 2

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Enclosure

cc (Enclosure):

NRC Resident Inspector  
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ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
WATTS BAR NUCLEAR PLANT (WBN)

MONTHLY OPERATING REPORT

APRIL 2001

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

OPERATIONAL SUMMARY  
April 2001

I. WATTS BAR UNIT 1 OPERATIONAL SUMMARY

Watts Bar Nuclear Plant Unit 1 began April 2001 at full power. The unit operated at or near full power for the month.

II. CHALLENGES TO THE PRESSURIZER POWER OPERATED RELIEF VALVES OR PRESSURIZER SAFETY VALVES

There were no challenges to the pressurizer power operated relief valves or pressurizer safety valves during the month of April 2001.

## OPERATING DATA REPORT

Docket No. 50-390  
 Unit Name: WBN Unit 1  
 Date: May 2, 2001  
 Completed By: D. K. Flournoy  
 Telephone: (423) 365-3803  
 Reporting Period: April 2001

- |    |  |             |
|----|--|-------------|
| 1. | Design Electrical Rating (MWe-Net):    | <u>1168</u> |
| 2. | Maximum Dependable Capacity (MWe-Net): | <u>1128</u> |

	<u>Month</u>	<u>Year-to-Date</u>	<u>Cumulative</u>
3. Number of Hours Reactor was Critical	<u>719.0</u>	<u>2,879</u>	<u>39,527.6</u>
4. Hours Generator On-Line	<u>719.0</u>	<u>2,879.0</u>	<u>39,358.3</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>831, 506</u>	<u>3,349,742</u>	<u>43,109,883</u>

## UNIT SHUTDOWNS

**DOCKET NO:** 50-390  
**UNIT NAME:** WBN-1  
**DATE:** May 2, 2001  
**COMPLETED BY:** D. K. Flournoy  
**TELEPHONE:** (423) 365-3803

**REPORT PERIOD: APRIL 2000**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down Reactor <sup>2</sup>	Cause and Corrective Action to Prevent Recurrence
						There were no outages or power reductions of greater than 20 percent in the average daily power level during April.

**<sup>1</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>2</sup> Method**

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