



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

10 CFR 50.4

MAY 1 1 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,

A handwritten signature in black ink, appearing to read "P. L. Pace".

P. L. Pace
Manager, Licensing and Industry Affairs

Enclosure
cc: See page 2

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Enclosure

cc (Enclosure):

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

Mr. L. Mark Padovan, Senior Project Manager
U.S. Nuclear Regulatory Commission
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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

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): 1168
 2. Maximum Dependable Capacity (MWe-Net): 1128

	<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 ¹	Method of Shutting Down Reactor ²	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.

¹ 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)

² Method

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