



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

MAR 14 2002

10 CFR 50.4

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) - FEBRUARY 2002 MONTHLY  
OPERATING REPORT

Enclosed is the February 2002 Monthly Operating Report as  
required by WBN Technical Specification Section 5.9.4. If you  
have any questions concerning this matter, please call me at  
(423) 365-1824.

Sincerely,

P. L. Pace  
Manager, Site Licensing and Industry Affairs

Enclosure  
cc: See page 2

IE24

U.S. Nuclear Regulatory Commission

Page 2

MAR 14 2002

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  
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

FEBRUARY 2002

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

## OPERATING DATA REPORT

Docket No. 50-390  
 Unit Name: WBN Unit 1  
 Date: March 5, 2002  
 Completed By: D. K. Flournoy  
 Telephone: (423) 365-3803  
 Reporting Period: February 2002

- |   |             |
|---|-------------|
| 1. Design Electrical Rating (MWe-Net):    | <u>1155</u> |
| 2. Maximum Dependable Capacity (MWe-Net): | <u>1125</u> |

	<b>Month</b>	<b>Year-to-Date</b>	<b>Cumulative</b>
3. Number of Hours Reactor was Critical	574.0	1318.0	46417.0
4. Hours Generator On-Line	574.0	1318.0	46218.4
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	666737	1535391	50922106

## UNIT SHUTDOWNS

**DOCKET NO:** 50-390  
**UNIT NAME:** WBN-1  
**DATE:** March 5, 2002  
**COMPLETED BY:** D. K. Flournoy  
**TELEPHONE:** (423) 365-3803

**REPORT PERIOD: February 2002**

No.	Date	Type	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
1	02/24/2002	S	98	C	1/2	N/A	N/A	N/A	The unit operated at or near full power until February 24, 2002 when at 1700 hours, the operators began reducing power in preparation for the scheduled refueling outage. At 2200 hours, in accordance with shutdown procedures, the reactor was tripped at approximately 20% power. No significant power reductions or shutdowns occurred during this period until beginning plant shutdown.

<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:** Watts Bar Nuclear Plant Unit 1 operated at or near full power until February 24, 2002 when at 1700 hours, the operators began reducing power in preparation for the scheduled refueling outage. At 2200 hours, in accordance with shutdown procedures, the reactor was tripped at approximately 20% power. No significant power reductions or shutdowns occurred during this period until beginning the above plant shutdown. There were no challenges to the pressurizer power operated relief valves or pressurizer safety valves during the month of February 2002.