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

10 CFR 50.4

NOV 09 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) - OCTOBER 2001 MONTHLY OPERATING  
REPORT

Enclosed is the October 2001 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, Licensing and Industry Affairs

Enclosure  
cc: See page 2

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U.S. Nuclear Regulatory Commission

Page 2

NOV 09 2001

cc (Enclosure):

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

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U.S. Nuclear Regulatory Commission  
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61 Forsyth St., SW, Suite 23T85  
Atlanta, Georgia 30303

ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
WATTS BAR NUCLEAR PLANT (WBN)

MONTHLY OPERATING REPORT

OCTOBER 2001

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

## OPERATING DATA REPORT

Docket No. 50-390  
 Unit Name: WBN Unit 1  
 Date: November 5, 2001  
 Completed By: D. K. Flournoy  
 Telephone: (423) 365-3803  
 Reporting Period: October 2001

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

|   | Month  | Year-to-Date | Cumulative |
|---|--------|--------------|------------|
| 3. Number of Hours<br>Reactor was Critical  | 745    | 7014.4       | 43663.0    |
| 4. Hours Generator<br>On-Line               | 745    | 6990.9       | 43470.2    |
| 5. Unit Reserve<br>Shutdown Hours           | 0.0    | 0.0          | 0.0        |
| 6. Net Electrical Energy Generated<br>(MWh) | 861068 | 7978157      | 47738298   |

**UNIT SHUTDOWNS**

**DOCKET NO:** 50-390  
**UNIT NAME:** WBN-1  
**DATE:** November 5, 2001  
**COMPLETED BY:** D. K. Flournoy  
**TELEPHONE:** (423) 365-3803

**REPORT PERIOD: JULY 2001**

| 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   |
|-----|------|------|------------------|---------------------|--|---------------------------|--------------------------|-----------------------------|---|
|     |      |      |                  |                     |  |                           |                          |                             | The unit operated at or near full power for the entire month of October 2001. No significant power reductions or shutdowns occurred during this reporting period. |

<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 100% power for the entire month of October 2001. No significant power reductions or shutdowns occurred during this reporting period. There were no challenges to the pressurizer power operated relief valves or pressurizer safety valves during the month of October 2001.