



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

10 CFR 50.4

OCT 15 2002

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) - SEPTEMBER 2002 MONTHLY
OPERATING REPORT

Enclosed is the September 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
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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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U.S. Nuclear Regulatory Commission
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U.S. Nuclear Regulatory Commission
Region II
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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR PLANT (WBN)

MONTHLY OPERATING REPORT

SEPTEMBER 2002

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

OPERATING DATA REPORT

Docket No. 50-390
 Unit Name: WBN Unit 1
 Date: October 3, 2002
 Completed By: D. K. Flournoy
 Telephone: (423) 365-3803
 Reporting Period: September 2002

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

	Month	Year-to-Date	Cumulative
3. Number of Hours Reactor was Critical	720	5857.64	50956.5
4. Hours Generator On-Line	720	5790.62	50691.2
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	811209	6521624	55908340

UNIT SHUTDOWNS

DOCKET NO: 50-390
UNIT NAME: WBN-1
DATE: October 3, 2002
COMPLETED BY: D. K. Flournoy
TELEPHONE: (423) 365-3803

REPORT PERIOD: September 2002

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

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: WBN Unit 1 operated at or near 100% power during September 2002. Although there was no power reduction, WBN did declare a Notice of Unusual Event on September 27, 2002, due to a Loss of Offsite Power caused by a fire at the Watts Bar Hydro Plant (LER 390/2002-005). There were no challenges to the pressurizer power operated relief valves or pressurizer safety valves during the month.