



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

10 CFR 50.4

JUN 12 2002

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

Gentlemen:

In the Matter of
Tennessee Valley Authority

)
)

Docket Nos. 50-390

**WATTS BAR NUCLEAR PLANT (WBN) - MAY 2002 MONTHLY OPERATING
REPORT**

Enclosed is the May 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,

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

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

Enclosure
cc: See page 2

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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
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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR PLANT (WBN)

MONTHLY OPERATING REPORT

MAY 2002

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

OPERATING DATA REPORT

Docket No. 50-390
 Unit Name: WBN Unit 1
 Date: June 3, 2002
 Completed By: D. K. Flournoy
 Telephone: (423) 365-3803
 Reporting Period: May 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	621.8	2952.1	48051.0
4. Hours Generator On-Line	603.6	2892.9	47793.5
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	668949	3280052	52666768

UNIT SHUTDOWNS

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

REPORT PERIOD: May 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
2	05/03/2002	F	140	A	1	N/A	AB	V	WBN Unit 1 was manually shutdown on May 3, 2002 at 1620 EST. The shutdown was required for the replacement of a pressurizer spray bypass valve (1-BYV-68-555). Following the replacement of the valve, the unit was synchronized to the grid at 1242 EST on May 9, 2002.

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: Following the replacement of the valve, the unit was synchronized to the grid at 1242 EST on May 9, 2002. Once returned to service, the unit operated at or near 100% power for the balance of the month. There were no challenges to the pressurizer power operated relief valves or pressurizer safety valves during the month of May 2002.