



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

APR 14 2003

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

Gentlemen:

In the Matter of) Docket No. 50-390
Tennessee Valley Authority)

WATTS BAR NUCLEAR PLANT (WBN) - MARCH 2003 MONTHLY OPERATING
REPORT

Enclosed is the March 2003 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

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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
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ENCLOSURE

**TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR PLANT (WBN)**

MONTHLY OPERATING REPORT

MARCH 2003

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

OPERATING DATA REPORT

Docket No. 50-390
 Unit Name: WBN Unit 1
 Date: April 8, 2003
 Completed By: P. P. Salkeld
 Telephone: (423) 365-3635
 Reporting Period: March 2003

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

	<u>Month</u>	<u>Year-to-Date</u>	<u>Cumulative</u>
3. Number of Hours Reactor was Critical	<u>620</u>	<u>2036</u>	<u>55202</u>
4. Hours Generator On-Line	<u>603</u>	<u>2019</u>	<u>54919</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>682375</u>	<u>2345178</u>	<u>60811247</u>

UNIT SHUTDOWNS

DOCKET NO: 50-390
UNIT NAME: WBN-1
DATE: April 8, 2003
COMPLETED BY: P. P. Salkeld
TELEPHONE: (423) 365-3635

REPORT PERIOD: March 2003

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.	03/10/03	F	141.41 hours	A	3	LER No. 2003-001	EL	FD	The unit operated at or near full power until 0012 on March 10, 2003, when the plant tripped due to fault in a potential device on C phase of the main transformer. The unit was returned to service at 2137 on March 15, 2003. The unit operated at or near full power for the remainder of the month.

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 for the month until March 10 at 0012 when a reactor trip occurred. The unit was returned to service on March 15, at 2137 hours where it remained for the remainder of the month. There were no challenges to the pressurizer power operated relief valves or pressurizer safety valves during the month.