



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

OCT 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) - SEPTEMBER 2003 MONTHLY
OPERATING REPORT

Enclosed is the September 2003 Monthly Operating Report as required by WBN Technical Specification Section 5.9.4. There are no regulatory commitments in this submittal and should there be questions regarding this letter, please telephone 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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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR PLANT (WBN)

MONTHLY OPERATING REPORT

SEPTEMBER 2003

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, 2003
 Completed By: P. P. Salkeld
 Telephone: (423) 365-3635
 Reporting Period: September 2003

1. Design Electrical Rating (MWe-Net): 1155
 2. Maximum Dependable Capacity (MWe-Net): 1121*

	<u>Month</u>	<u>Year-to-Date</u>	<u>Cumulative</u>
3. Number of Hours Reactor was Critical	<u>162</u>	<u>5845.5</u>	<u>59011</u>
4. Hours Generator On-Line	<u>162</u>	<u>5818.2</u>	<u>58718</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>145510</u>	<u>6590477</u>	<u>65056545</u>

*Adjusted based on seasonal conditions experienced during Cycle 5.

UNIT SHUTDOWNS

DOCKET NO: 50-390
UNIT NAME: WBN-1
DATE: October 3, 2003
COMPLETED BY: P. P. Salkeld
TELEPHONE: (423) 365-3635

REPORT PERIOD: September 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	09-07-03	F	192	A	1	N/A	AB	P	WBN Unit 1 operated until approximately 17:57 (EDT) on September 7, 2003 when it was manually shutdown due to leakage above the plant criteria from a reactor coolant pump (RCP) seal. WBN Unit 1 was scheduled to begin a refueling outage in September 2003. The shutdown on September 7 th resulted in the refueling outage beginning ahead of schedule. The RCP seals are scheduled for repair during the outage.
2	09-15-03	S	364	C	4	N/A	N/A	N/A	

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: The shutdown of WBN Unit 1 on September 7, 2003, resulted in the Cycle 5 refueling outage beginning ahead of schedule. The refueling outage continued for the remainder of the month. The current target for returning the unit to service is mid-October. There were no challenges to the pressurizer power operated relief valves or pressurizer safety valves during the month.