



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

SEP 15 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) - AUGUST 2003 MONTHLY OPERATING
REPORT

Enclosed is the August 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

Ms. Margaret H. Chernoff, Project Manager
U.S. Nuclear Regulatory Commission
MS 08G9
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852-2738

U.S. Nuclear Regulatory Commission
Region II
Sam Nunn Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, Georgia 30303

ENCLOSURE

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

MONTHLY OPERATING REPORT

AUGUST 2003

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

OPERATING DATA REPORT

Docket No. 50-390
 Unit Name: WBN Unit 1
 Date: September 9, 2003
 Completed By: P. P. Salkeld
 Telephone: (423) 365-3635
 Reporting Period: August 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>720.5</u>	<u>5684</u>	<u>58849</u>
4. Hours Generator On-Line	<u>710.7</u>	<u>5656</u>	<u>58556</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>771811</u>	<u>6444967</u>	<u>64911035</u>

*Adjusted based on seasonal conditions experienced during Cycle 5.

UNIT SHUTDOWNS

DOCKET NO: 50-390
UNIT NAME: WBN-1
DATE: September 9, 2003
COMPLETED BY: P. P. Salkeld
TELEPHONE: (423) 365-3635

REPORT PERIOD: August 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	08-25-03	F	33.3	H	3	2003-003	EL	RLY	WBN Unit 1 automatically shutdown at 09:45 (EDT) due to a generator/turbine trip. The trip resulted from the inadvertent actuation of the Main Bank "C phase" Sudden Pressure Relays. The relays were actuated by a worker bumping into the cabinet that houses the relays in the switchyard. The unit was returned to service on August 26, 2003 at approximately 19:04 (EDT). The corrective actions associated with the unit trip will be addressed in LER 2003-003.

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 until August 25, 2003. The unit automatically shutdown on August 25th and was returned to service on August 26th. There were no challenges to the pressurizer power operated relief valves or pressurizer safety valves during the month.