



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

JAN 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) - DECEMBER 2002 MONTHLY OPERATING REPORT

Enclosed is the December 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
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
Region II
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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR PLANT (WBN)

MONTHLY OPERATING REPORT

DECEMBER 2002

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

OPERATING DATA REPORT

Docket No. 50-390
 Unit Name: WBN Unit 1
 Date: January 3, 2003
 Completed By: D. K. Flournoy
 Telephone: (423) 365-3803
 Reporting Period: December 2002

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>744</u>	<u>8066.6</u>	<u>53165.5</u>
4. Hours Generator On-Line	<u>744</u>	<u>7999.6</u>	<u>52900.2</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>863464</u>	<u>9079353</u>	<u>58466068</u>

UNIT SHUTDOWNS

DOCKET NO: 50-390
UNIT NAME: WBN-1
DATE: January 3, 2003
COMPLETED BY: D. K. Flournoy
TELEPHONE: (423) 365-3803

REPORT PERIOD: December 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
	12-13-2002	S	0	B	5	N/A	SD	Cond	A power reduction to 50% reactor power was initiated at 06:05 on December 13, 2002, for the repair (plugging) of a condenser tube. The unit was returned to 100% power at 17:00 on December 14, 2002.

¹F: Forced
S: Scheduled

²Reason:
 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)

³Method
 1-Manual
 2-Manual Trip/Scram
 3-Automatic Trip/Scram
 4-Continuation Outage
 5-Other (Explain)

⁴Instructions for Preparation of
 Data Entry sheets for Licensee
 Event Report (LER)
 (NUREG - 1022)

Summary: As indicated above, a power reduction to 50% reactor power was initiated on December 13, 2002. The unit was returned to 100% power on December 14, 2002, and operated at or near 100% power for the remainder of the month. There were no challenges to the pressurizer power operated relief valves or pressurizer safety valves during the month.