

U.S. Nuclear Regulatory Commission

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cc (Enclosure):

NRC Resident Inspector
Watts Bar Nuclear Plant
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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
SEPTEMBER 2000

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

**OPERATIONAL SUMMARY
SEPTEMBER 2000**

I. WATTS BAR UNIT 1 OPERATIONAL SUMMARY

Watts Bar Nuclear Plant Unit 1 began September 2000 in a power coastdown in preparation for the Unit 1 Cycle 3 (U1C3) outage. The unit was taken offline on September 10, 2000 at 0001 hours, and remained shutdown throughout the balance of the month.

II. CHALLENGES TO THE PRESSURIZER POWER OPERATED RELIEF VALVES OR PRESSURIZER SAFETY VALVES

There were no challenges to the pressurizer power operated relief valves or pressurizer safety valves during the month of September 2000.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-390 UNIT NO. ONE DATE: October 3, 2000

COMPLETED BY: Bobby R. Scoggins TELEPHONE: (423) 365-3803

MONTH: September 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	888.5	17.	0.0
2.	879.7	18.	0.0
3.	871.4	19.	0.0
4.	867.9	20.	0.0
5.	859.4	21.	0.0
6.	855.6	22.	0.0
7.	849.3	23.	0.0
8.	840.7	24.	0.0
9.	759.2	25.	0.0
10.	0.0	26.	0.0
11.	0.0	27.	0.0
12.	0.0	28.	0.0
13.	0.0	29.	0.0
14.	0.0	30.	0.0
15.	0.0		
16.	0.0		

OPERATING DATA REPORT

Docket No. 50-390
 Date: October 3, 2000
 Completed By: B. R. Scoggins
 Telephone: (423) 365-3803

- | | |
|---|-----------------------|
| 1. Unit Name: | <u>WBN Unit 1</u> |
| 2. Reporting Period: | <u>September 2000</u> |
| 3. Licensed Thermal Power (MWt): | <u>3411</u> |
| 4. Nameplate Rating (Gross Mwe): | <u>1269.8</u> |
| 5. Design Electrical Rating (Net Mwe): | <u>1150.9</u> |
| 6. Maximum Dependable Capacity (Gross MWe): | <u>1173</u> |
| 7. Maximum Dependable Capacity (Net MWe): | <u>1118</u> |
| 8. If changes Occur in Capacity Rating
(Item Numbers 3 through 7) Since Last Report, Give Reasons: | <u>N/A</u> |
| 9. Power Level To Which Restricted, If any (net MWe): | <u>N/A</u> |
| 10. Reasons for Restrictions, If any: | <u>N/A</u> |

	This Month	Year-to-Date	Cumulative
11. Hours in Reporting Period	720.0	6575.0	38112.0
12. Number of Hours Reactor was Critical	216.0	6071.0	34564.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	216.0	6071.0	34426.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWh)	570521	20275360	113066432
17. Gross Electric Energy Generated (MWh)	194953	7068303	39304899
18. Net Electrical Energy Generated (MWh)	178944	6751568	37435316
19. Unit Service Factor	30.0	92.3	90.3
20. Unit Availability Factor	30.0	92.3	90.3
21. Unit Capacity Factor (Using MDC Net)	22.2	91.8	87.9
22. Unit Capacity Factor (Using DER Net)	21.6	89.2	85.3
23. Unit Forced Outage Rate	0.0	0.0	1.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	See Note below.		
25. If Shutdown at End of Report Period, Estimate Date of Startup:	See Note below.		

Note: In accordance with Generic Letter 97-02, this information is currently not needed by NRC.

**UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH: SEPTEMBER 2000**

DOCKET NO: 50-390
 UNIT NAME: WBN-1
 DATE: October 3, 2000
 COMPLETED BY: B. R. Scoggins
 TELEPHONE: (423) 365-3803

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
44	9/10/00	S	504	C	1	N/A	N/A	N/A	Power reduction and unit shutdown for Unit 1 Cycle 3 Refueling Outage.

¹ F: Forced
S: Scheduled

² Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training and License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³ Method
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Continuation of Existing Outage
 5-Reduction
 9-Other

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