

U.S. Nuclear Regulatory Commission

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SEP 11 2000

cc (Enclosures):

NRC Resident Inspector
Watts Bar Nuclear Plant
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Region II
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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR PLANT (WBN)

MONTHLY OPERATING REPORT

AUGUST 2000

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

**OPERATIONAL SUMMARY
AUGUST 2000**

I. WATTS BAR UNIT 1 OPERATIONAL SUMMARY

Watts Bar Nuclear Plant Unit 1 began August 2000 at full power. The unit began a power coastdown on August 3, 2000, in preparation for the Unit 1 Cycle 3 (U1C3) outage.

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 August 2000.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-390 UNIT NO. ONE DATE: September 1, 2000

COMPLETED BY: D. K. Flourney TELEPHONE: (423) 365-3803

MONTH: August 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>1,110.7</u>	17.	<u>983.3</u>
2.	<u>1,110.8</u>	18.	<u>981.1</u>
3.	<u>1,111.1</u>	19.	<u>981.8</u>
4.	<u>1,101.7</u>	20.	<u>976.3</u>
5.	<u>1,079.2</u>	21.	<u>969.2</u>
6.	<u>1,065.0</u>	22.	<u>965.6</u>
7.	<u>1,059.5</u>	23.	<u>955.4</u>
8.	<u>1,052.5</u>	24.	<u>949.6</u>
9.	<u>1,041.9</u>	25.	<u>939.1</u>
10.	<u>1,040.0</u>	26.	<u>923.5</u>
11.	<u>1,035.5</u>	27.	<u>908.2</u>
12.	<u>1,034.4</u>	28.	<u>901.5</u>
13.	<u>1,029.9</u>	29.	<u>899.4</u>
14.	<u>1,021.4</u>	30.	<u>898.9</u>
15.	<u>1,011.6</u>	31.	<u>892.6</u>
16.	<u>1,008.3</u>		

OPERATING DATA REPORT

Docket No. **50-390**
 Date: **September 1, 2000**
 Completed By: **D. K. Flourney**
 Telephone: **(423) 365-3803**

- | | |
|---|---------------------------|
| 1. Unit Name: | <u>WBN Unit 1</u> |
| 2. Reporting Period: | <u>August 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	744.0	5855.0	37392.0
12. Number of Hours Reactor was Critical	744.0	5855.0	34348.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	5855.0	34210.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWh)	2279989	19704839	112495911
17. Gross Electric Energy Generated (MWh)	784951	6873350	39109946
18. Net Electrical Energy Generated (MWh)	744938	6572624	37256372
19. Unit Service Factor	100.0	100.0	91.5
20. Unit Availability Factor	100.0	100.0	91.5
21. Unit Capacity Factor (Using MDC Net)	89.6	100.4	89.1
22. Unit Capacity Factor (Using DER Net)	87.0	97.5	86.6
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: AUGUST 2000**

DOCKET NO: 50-390
 UNIT NAME: WBN-1
 DATE: September 1, 2000
 COMPLETED BY: D. K. Flournoy
 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
									No significant power reductions or shutdowns occurred during this reporting period.

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)