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

JUN 8 2000

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) - MAY 2000 MONTHLY OPERATING REPORT

The enclosure provides the May 2000 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, Licensing and Industry Affairs

Enclosure
cc: See Page 2

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NRR-063

IE24

JUN 8 2000

cc (Enclosure):
NRC Resident Inspector
Watts Bar Nuclear Plant
1260 Nuclear Plant Road
Spring City, Tennessee 37381

Mr. Robert E. Martin, Senior Project Manager
U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852

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

ENCLOSURE 1

TENNESSEE VALLEY AUTHORITY

WATTS BAR NUCLEAR PLANT (WBN)

MONTHLY OPERATING REPORT

MAY 2000

UNIT 1

DOCKET NUMBER 50-390

LICENSE NUMBER NPF-90

OPERATIONAL SUMMARY
MAY 2000

I. WATTS BAR UNIT 1 OPERATIONAL SUMMARY

Watts Bar Nuclear Plant Unit 1 began May 2000 at full power and operated at or near full power for the entire 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 May 2000.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-390 UNIT NO. ONE DATE: June 2, 2000

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

MONTH: May 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1,147.0	17.	1,136.0
2.	1,190.9	18.	1,129.7
3.	1,138.8	19.	1,128.5
4.	1,138.2	20.	1,132.5
5.	1,138.0	21.	1,134.6
6.	1,135.4	22.	1,136.3
7.	1,138.2	23.	1,132.1
8.	1,135.1	24.	1,125.6
9.	1,135.7	25.	1,128.7
10.	1,141.1	26.	1,132.7
11.	1,136.0	27.	1,125.6
12.	1,127.2	28.	1,132.7
13.	1,132.2	29.	1,139.0
14.	1,143.5	30.	1,137.0
15.	1,146.2	31.	1,131.1
16.	1,141.8		

OPERATING DATA REPORT

Docket No. 50-390
Date: June 2, 2000
Completed By: D. K. Flournoy
Telephone: (423) 365-3803

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

		This Month	Year-to-Date	Cumulative
11.	Hours in Reporting Period	744.0	3647.0	35184.0
12.	Number of Hours Reactor was Critical	744.0	3647.0	32140.4
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	744.0	3647.0	32002.0
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWh)	2536436	12434799	105225871
17.	Gross Electric Energy Generated (MWh)	882527	4374485	36611081
18.	Net Electrical Energy Generated (MWh)	844748	4192508	34876255
19.	Unit Service Factor	100.0	100.0	91.0
20.	Unit Availability Factor	100.0	100.0	91.0
21.	Unit Capacity Factor (Using MDC Net)	101.6	102.8	88.7
22.	Unit Capacity Factor (Using DER Net)	98.7	99.9	86.1
23.	Unit Forced Outage Rate	0.0	0.0	1.6

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: MAY 2000

DOCKET NO: **50-390**
UNIT NAME: **WBN-1**
DATE: **June 2, 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)**