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

FEB 1 3 1996

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) - JANUARY 1996 MONTHLY OPERATING REPORT

Enclosed is the January 1996 Monthly Operating Report as required by WBN Technical Specification 5.9.4.

If you have any questions concerning this matter, please call P. L. Pace at (615) 365-1824.

Sincerely,

D. V. Kehoe
Nuclear Assurance
and Licensing Manager

Enclosure
cc: See page 2

IE24
1/1

FEB 13 1996

cc (Enclosure):
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Atlanta, Georgia 30339-5957

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NRC Resident Inspector
Watts Bar Nuclear Plant
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Spring City, Tennessee 37381

Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323-2711

TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR PLANT

MONTHLY OPERATING REPORT
TO THE
NUCLEAR REGULATORY COMMISSION
JANUARY 1996

UNIT 1
DOCKET NUMBER 50-390
LICENSE NUMBER NPF-90

OPERATIONAL SUMMARY
JANUARY 1996

UNIT 1

At the beginning of January 1996, Watts Bar Nuclear Plant Unit 1 was in Mode 3. Initial criticality was achieved on January 18, 1996.

On Janúary 21, 1996, Mode 3 was re-established to perform required surveillances and testing. Unit 1 was returned to Mode 2 on January 23, 1996, and continued in this mode through the end of the month.

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

There were no challenges to this equipment during this reporting period.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-390 UNIT No. One DATE: 2/7/96

COMPLETED BY: Larry Parscale TELEPHONE: (423) 365-2335

MONTH: January 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	N/A	16	N/A
2	N/A	17	N/A
3	N/A	18	N/A
4	N/A	19	N/A
5	N/A	20	N/A
6	N/A	21	N/A
7	N/A	22	N/A
8	N/A	23	N/A
9	N/A	24	N/A
10	N/A	25	N/A
11	N/A	26	N/A
12	N/A	27	N/A
13	N/A	28	N/A
14	N/A	29	N/A
15	N/A	30	N/A

OPERATING DATA REPORT

DOCKET NO. 50-390
DATE 2/7/96
COMPLETED BY L. Parscale
TELEPHONE (423)365-2335

NOTES

OPERATING STATUS

1. Unit Name: Watts Bar Unit One
2. Reporting Period: January 1996
3. Licensed Thermal Power (MWt): 170
4. Nameplate Rating (Gross MWe): 1269.8
5. Design Electrical Rating (Net MWe): 1160
6. Maximum Dependable Capacity (Gross MWe): 1166
7. Maximum Dependable Capacity (Net MWe): 1125
8. If Changes Occur in Capacity Ratings (Item Numbers 3 through 7) Since Last Report, Give Reasons:
   N/A
9. Power Level To Which Restricted, If Any (Net MWe): 170
10. Reasons for Restrictions, If Any: Low power (5 percent) operating license received November 9, 1995. (Note: Full power license issued February 7, 1996, authorizing power initially to fifty percent.)

		This Month	Yr-to-Date	Cumulative
11.	Hours in Reporting Period	0	0	0
12.	Number of Hours Reactor Was Critical	0*	0*	0*
13.	Reactor Reserve Shutdown Hours	0	0	0
14.	Hours Generator On-Line	0	0	0
15.	Unit Reserve Shutdown Hours	0	0	0
16.	Gross Thermal Energy Generated (MWh)	15.427	15.427	15.427
	Values for Gross Thermal Energy Generated obtained by calculation using effective full power days.			
17.	Gross Electrical Energy Generated (MWh)	0	0	0
18.	Net Electrical Energy Generated (MWh)	0	0	0
19.	Unit Service Factor	N/A	N/A	N/A
20.	Unit Availability Factor	N/A	N/A	N/A
21.	Unit Capacity Factor (Using MDC Net)	N/A	N/A	N/A
22.	Unit Capacity Factor (Using DER Net)	N/A	N/A	N/A
23.	Unit Forced Outage Rate	N/A	N/A	N/A

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    None except those associated with the power ascension test program.

25. If Shut Down at End of Report Period, Estimated Date of Startup: _____

* During this reporting period, no electrical generation occurred. The reactor was critical 274.2 hours during this period.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: January

DOCKET NO: 50/390
UNIT NAME: WBN-1
DATE: 2/7/96
COMPLETED BY: L. Parscale
TELEPHONE: (423)365-2335

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report No.	System Code[4]	Component Code[5]	Cause and Corrective Action to Prevent Recurrence
N/A	951109	S	N/A	D	9	N/A	N/A	N/A	Initial Fuel Load and mode escalation commenced with receipt of low power license on November 9, 1995. WBN Unit 1 entered this reporting period in Mode 3. Initial criticality was achieved on January 18, 1996. The unit was returned to Mode 3 on January 21, 1996, for testing. Mode 2 was reestablished on January 23, 1996. The unit continued in this mode through the end of the month.

[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]Exhibit G - Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) File (NUREG - 1022)

[5]Exhibit 1-Same Source