



**ENTERGY**

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**R. F. Burski**

Director  
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Waterford 3

W3F1-94-0097

A4.05

PR

**July 14, 1994**

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Subject: Waterford 3 SES  
Docket No. 50-382  
License No. NPF-38  
Monthly Operating Report

Gentlemen:

Attached is the subject monthly report which covers the operating statistics for the month of June, 1994. This report is submitted per Section 6.9.1.6 of the Waterford 3 Technical Specifications for Facility Operating License No. NPF-38.

Very truly yours,

R.F. Burski  
Director  
Nuclear Safety

RFB/ssf  
Attachment

cc: L.J. Callan, (NRC Region IV)  
R.B. McGehee  
N.S. Reynolds  
F. Yost (Utility Data Institute, Inc.)  
J.T. Wheelock (INPO Records Center)  
NRC Resident Inspectors Office (WADM526)

*JE24.1*

NRC MONTHLY OPERATING REPORT

SUMMARY OF OPERATIONS

WATERFORD 3

JUNE 1994

The unit operated at an average reactor power of 94.5% and experienced one significant power reduction during the period.

PRESSURIZER SAFETY VALVE

FAILURES AND CHALLENGES

WATERFORD 3

During the month of June 1994, there were no pressurizer safety valve failures or challenges.

# OPERATING DATA REPORT

DOCKET NUMBER: 50-382  
UNIT NAME: WATERFORD 3  
DATE OF REPORT: JULY, 1994  
COMPLETED BY: T.S. BECKER  
TELEPHONE: 504-739-6683

## OPERATING STATUS

1. Reporting Period: June, 1994  
Gross Hours in Reporting Period: 720
2. Currently Authorized Power Level (MWt): 3390  
Maximum Dependable Capacity (Net MWe): 1075  
Design Electrical Rating (Net MWe): 1104
3. Power Level to which Restricted (if any) (Net MWe): N/A
4. Reasons for Restriction (if any): N/A  
\_\_\_\_\_  
\_\_\_\_\_

	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of Hours Reactor was Critical	<u>720.0</u>	<u>3,205.8</u>	<u>64,305.8</u>
6. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
7. Hours Generator was On-line	<u>708.8</u>	<u>3,139.1</u>	<u>63,427.3</u>
8. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
9. Gross Thermal Energy Generated (MWH)	<u>2,306,353</u>	<u>10,364,289</u>	<u>209,392,766</u>
10. Gross Electrical Energy Generated (MWH)	<u>753,140</u>	<u>3,393,490</u>	<u>69,814,270</u>
11. Net Electrical Energy Generated (MWH)	<u>717,446</u>	<u>3,226,038</u>	<u>66,536,483</u>
12. Reactor Service Factor	<u>100.0</u>	<u>73.8</u>	<u>83.7</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>73.8</u>	<u>83.7</u>
14. Unit Service Factor	<u>98.4</u>	<u>72.3</u>	<u>82.5</u>
15. Unit Availability Factor	<u>98.4</u>	<u>72.3</u>	<u>82.5</u>
16. Unit Capacity Factor (using MDC)	<u>92.7</u>	<u>69.1</u>	<u>80.5</u>
17. Unit Capacity Factor (Using DER)	<u>90.3</u>	<u>67.3</u>	<u>78.4</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>0.6</u>	<u>3.4</u>

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## OPERATING DATA REPORT (Con't)

19. Shutdowns Scheduled over next 6 Months (type, date and duration of each):

N/A

20. If Shutdown at end of report period, estimated date of startup:

21. Unit in Commercial Operation

	THIS MONTH	YR TO DATE	CUMULATIVE
22. Hours in Reporting Period	<u>720.0</u>	<u>4,343.0</u>	<u>76,848.0</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>20.3</u>	<u>2,199.0</u>

24. Nameplate Rating (Gross MWe): 1200

25. If Changes Occur in Capacity Ratings (Items Number 2 and 24) Since Last Report,  
Give Reasons: N/A

# AVERAGE DAILY UNIT POWER LEVEL

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COMPLETED BY: T.S. BECKER  
TELEPHONE: 504-739-6683

MONTH JUNE, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-NET)
1	1076
2	1075
3	1075
4	1074
5	1073
6	1072
7	1070
8	1069
9	1069
10	1067
11	1068
12	463
13	293
14	541
15	830
16	1065

DAY	AVERAGE DAILY POWER LEVEL (MWe-NET)
17	1067
18	1068
19	1068
20	1066
21	1065
22	1063
23	1065
24	1065
25	1066
26	1064
27	1064
28	1064
29	1064
30	1064
31	N/A

## INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT FOR JUNE, 1994

<u>Number</u>	<u>Date</u>	Type F = Forced S = Scheduled	Duration (Hours)	<u>Reason (1)</u>	Method of Shutting Down the Reactor or Reducing Power (2)	<u>Cause, Comments and Corrective Actions</u>
94-03	940612	F	0.0	H	5	A Reactor Power Cutback was initiated due to a Turbine trip. The Turbine tripped on an invalid 2 out of 3 logic for MSR A2 High Level. The cause of the invalid High Level alarm was a failure to replace insulation on the sensing line for the MSR level switches. The reduced insulation in association with large amounts of rain caused the water level to rise in the float chamber which caused the level switches to actuate. The sensing lines for the MSR level switches have been insulated.

## (1) 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)

## (2) METHOD

1 = Manual  
2 = Manual Scram  
3 = Automatic Scram  
4 = Continuation from Previous Period  
5 = Power Reduction  
6 = Other (explain)