



Entergy

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Waterford 3

W3F1-97-0226

A4.05

PR

September 11, 1997

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 August, 1997. This report is submitted per Section 6.9.1.6 of the Waterford 3 Technical Specifications for Facility Operating License No. NPF-38.

Should you have any questions regarding the above, please contact me at (504) 739-6242 or Tim Gaudet at (504) 739-6666.

Very truly yours,

E.C. Ewing
Director
Nuclear Safety & Regulatory Affairs

ECE/PRS/ssf
Attachment



cc: E.W. Merschhoff (NRC Region IV), C.P. Patel (NRC-NRR),
J. Smith, N.S. Reynolds, B. Lewis (Utility Data Institute, Inc.),
J.T. Wheelock (INPO Records Center), NRC Resident Inspectors
Office

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NRC MONTHLY OPERATING REPORT
SUMMARY OF OPERATIONS
WATERFORD 3
for August, 1997

The month began with the unit operating at the 68% power plateau for physics testing following the Refueling Outage. Ramp up to full power was completed early on the 2nd. The unit operated at an average reactor power level of 99.3% and experienced no shutdowns or significant power reductions during the period.

**PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3
for August, 1997**

There were no pressurizer safety valve failures or challenges experienced during the month.

OPERATING DATA REPORT

DOCKET NUMBER : 50-382
 UNIT NAME : WATERFORD 3
 DATE OF REPORT : September 4, 1997
 COMPLETED BY : D. S. Freeman
 TELEPHONE : (504) 739-6575

OPERATING STATUS

1. Reporting Period	: <u>August, 1997</u>
Gross Hours in Reporting Period	: <u>744</u>
2. Currently Authorized Power Level (MWt)	: <u>3,390</u>
Maximum Dependable Capacity (Net MWe)	: <u>1,075</u>
Design Electrical Rating (Net MWe)	: <u>1,104</u>
3. Power Level to which Restricted (if any) (Net MWe)	: <u>N/A</u>
4. Reason for Restriction (if any)	: <u>N/A</u>

	<u>THIS MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor was Critical	<u>744.0</u>	<u>3,309.6</u>	<u>87,613.7</u>
6. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Hours Generator was On-line	<u>744.0</u>	<u>3,232.4</u>	<u>86,556.7</u>
8. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
9. Gross Thermal Energy Generated (MWH)	<u>2,505,653</u>	<u>10,806,965</u>	<u>287,064,330</u>
10. Gross Electrical Energy Generated (MWH)	<u>842,130</u>	<u>3,665,060</u>	<u>95,851,340</u>
11. Net Electrical Energy Generated (MWH)	<u>804,533</u>	<u>3,490,287</u>	<u>91,422,948</u>
12. Reactor Service Factor	<u>100.0</u>	<u>56.8</u>	<u>83.7</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>56.8</u>	<u>83.7</u>
14. Unit Service Factor	<u>100.0</u>	<u>55.4</u>	<u>82.7</u>
15. Unit Availability Factor	<u>100.0</u>	<u>55.4</u>	<u>82.7</u>
16. Unit Capacity Factor (using MDC)	<u>100.6</u>	<u>55.7</u>	<u>81.3</u>
17. Unit Capacity Factor (using DER)	<u>97.9</u>	<u>54.2</u>	<u>79.1</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>3.6</u>

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OPERATING STATUS (Cont.)

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

NONE

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

N/A

21. Unit is in Commercial Operation.

	<u>THIS MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
22. Hours in Reporting Period	<u>744</u>	<u>5,831</u>	<u>104,640</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>0.0</u>	<u>3,218.9</u>
24. Nameplate Rating (Gross MWe) :	<u>1,200</u>		
Max. Dependable Capacity (Gross MWe) :	<u>1,120</u>		

25. If changes occur in capacity ratings (Items 2 and 24) since the last report, give the reasons :

N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NUMBER : 50-382
UNIT NAME : WATERFORD 3
DATE OF REPORT : September 4, 1997
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TELEPHONE : (504) 739-6575

Reporting Period : August, 1997

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	892	16	1,091
2	1,084	17	1,091
3	1,078	18	1,090
4	1,081	19	1,090
5	1,086	20	1,085
6	1,087	21	1,085
7	1,088	22	1,087
8	1,089	23	1,093
9	1,089	24	1,095
10	1,090	25	1,097
11	1,089	26	1,096
12	1,080	27	1,095
13	1,083	28	1,053
14	1,091	29	1,093
15	1,086	30	1,095
		31	1,094

INSTRUCTIONS :

On this form, 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

DOCKET NUMBER : 50-382
 UNIT NAME : WATERFORD 3
 DATE OF REPORT : September 4, 1997
 COMPLETED BY : D. S. Freeman
 TELEPHONE : (504) 739-6575

REPORTING PERIOD : August, 1997

<u>Number</u>	<u>Date</u> (yyymmdd)	<u>* Type</u>	<u>Duration</u> (Hours)	<u>** Reason</u>	<u>*** Shutdown Method</u>	<u>Cause, Comments and Corrective Actions</u>
NONE						

TYPE

F - Forced
 S - Scheduled

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)

METHOD

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