



ENTERGY

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Waterford 3

W3F1-91-0057
A4.05
QA

April 15, 1991

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 March, 1991. 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,

RFB/TJG/ssf
Attachment

cc: Messrs. R.D. Martin, NRC Region IV
D.L. Wigginton, NRC-NRR
E.L. Blake
R.B. McGehee
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NRC MONTHLY OPERATING REPORT
SUMMARY OF OPERATIONS
WATERFORD 3
MARCH 1991

The unit operated at an average reactor power of 47.43% and commenced Refuel Outage 4 during the period.

PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3

During the month of March 1991, there were no pressurizer safety valve failures or challenges.

OPERATING DATA REPORT

UNIT NAME: WATERFORD 3

CITY/STATE: KILLONA/LA

DATE: APRIL 1991

OPERATING STATUS

1. Docket: 50-382

2. Reporting Period: MARCH, 1991

3. Utility Contact: PATRICK CENTOLANZI

Phone Number: (504) 739-6683

4. Licensed Thermal Power (Mwt): 3390

5. Nameplate Rating (Gross Mwe): 1200

6. Design Electrical Rating (Net MWe): 1104

7. Maximum Dependable Capacity (Gross MWe): 1120

8. Maximum Dependable Capacity (Net MWe): 1075

9. If Changes Occur in Capacity Ratings (Items Number 4 Through 8) Since Last Report, Give Reasons: _____

10. Power Level To Which Restricted, if Any (Net MWe): NONE

11. Reasons For Restrictions, If Any: N/A

Notes

	This Month	Yr.-to-Date	Cumulative
12. Hours In Reporting Period	<u>744</u>	<u>2,160</u>	<u>48,361</u>
13. Number Of Hours Reactor Was Critical	<u>359.5</u>	<u>1,775.5</u>	<u>39,868.2</u>
14. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
15. Hours Generator On-Line	<u>359.5</u>	<u>1,775.5</u>	<u>39,283.5</u>
16. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>

OPERATING DATA REPORT
(Continued)

	This Month	Yr.-to-Date	Cumulative
17. Gross Thermal Energy Generated (MWH)	<u>1,196,293</u>	<u>5,923,154</u>	<u>128,551,947</u>
18. Gross Electrical Energy Generated (MWH)	<u>393,490</u>	<u>1,956,140</u>	<u>43,200,810</u>
19. Net Electrical Energy Generated (MWH)	<u>372,630</u>	<u>1,871,487</u>	<u>41,146,004</u>
20. Unit Service Factor	<u>48.3</u>	<u>82.2</u>	<u>81.2</u>
21. Unit Availability Factor	<u>48.3</u>	<u>82.2</u>	<u>81.2</u>
22. Unit Capacity Factor (Using MDC Net)	<u>46.6</u>	<u>80.6</u>	<u>79.1</u>
23. Unit Capacity Factor (Using DER Net)	<u>45.4</u>	<u>78.5</u>	<u>77.1</u>
24. Unit Forced Outage Rate	<u>-0-</u>	<u>-0-</u>	<u>4.5</u>
25. Unit Forced Outage Hours	<u>-0-</u>	<u>-0-</u>	<u>1,859.5</u>

26. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

27. If Shut Down At End of Report Period, Estimated Date Of Startup: 05/12/91

28. Units In Test Status (Prior to Commercial Operation):

	<u>Forecast</u>	<u>Achieved</u>
INITIAL CRITICALITY	<u> </u>	<u>3/4/85</u>
INITIAL ELECTRICITY	<u> </u>	<u>3/18/85</u>
COMMERCIAL OPERATION	<u> </u>	<u>9/24/85</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-382

UNIT WATERFORD 3

DATE APRIL, 1991

COMPLETED BY PATRICK CENTOLANZI

TELEPHONE 504-739-6683

MONTH MARCH, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1071</u>	17	<u>(19)</u>
2	<u>1071</u>	18	<u>(10)</u>
3	<u>1070</u>	19	<u>(10)</u>
4	<u>1069</u>	20	<u>(10)</u>
5	<u>1069</u>	21	<u>(10)</u>
6	<u>1069</u>	22	<u>(10)</u>
7	<u>1068</u>	23	<u>(10)</u>
8	<u>1067</u>	24	<u>(10)</u>
9	<u>1064</u>	25	<u>(10)</u>
10	<u>1042</u>	26	<u>(10)</u>
11	<u>1026</u>	27	<u>(10)</u>
12	<u>1027</u>	28	<u>(10)</u>
13	<u>1022</u>	29	<u>(10)</u>
14	<u>1013</u>	30	<u>(10)</u>
15	<u>967</u>	31	<u>(9)</u>
16	<u>(33)</u>		

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
REPORT FOR MARCH 1991

DOCKET NO	50-382
UNIT NAME	WATERFORD 3
DATE	APRIL, 1991
COMPLETED BY	PATRICK CENTOLANZI
TELEPHONE	504-739-6683

<u>No.</u>	<u>Date</u>	<u>Type</u> ¹	<u>Duration</u> (HOURS)	<u>REASON</u> ²	<u>Method of</u> <u>Shutting</u> <u>Down Reactor</u> ³	<u>Licensee</u> <u>Event</u> <u>Report #</u>	<u>System</u> <u>Code</u> ⁴	<u>Component</u> <u>Code</u> ⁵	<u>Cause & Corrective</u> <u>Action to</u> <u>Prevent Recurrence</u>
91-01	910315	S	384.5	C	1	N/A	ZZ	ZZZZZ	Unit removed from service to begin Refuel Outage 4.

1
F: Forced
S: Scheduled

2
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training &
License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

3
Method
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Continuation
5-Load Reduction
9-Other

4
IEEE Std. 805-1984
5
IEEE Std. 803A-1983