



Entergy Operations

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W3P90-1516

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October 15, 1990

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:

Enclosed is the subject monthly report which covers the operating statistics for the month of September, 1990. This report is submitted per Section 6.9.1.6 of the Waterford 3 Technical Specifications for Facility Operating License No. NPF-38.

Please note that in the August 1990 submittal (Entergy Operations letter number W3P90-1502), the Licensee Event Report (LER) number referenced for the August 8, 1990 outage was incorrectly reported as LER-90-012. The correct number should be LER-90-003.

Very truly yours,

RFB/LWL/ssf

Enclosure

cc: Messrs. R.D. Martin, NRC Region IV
D.L. Wigginton, NRC-NRR
E.L. Blake
W.M. Stevenson
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J.T. Wheelock (INPO Records Center)
NRC Resident Inspectors Office

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NRC MONTHLY OPERATING REPORT
SUMMARY OF OPERATIONS
WATERFORD 3
SEPTEMBER 1990

The unit operated at an average reactor power of 96.9% and experienced one (1) forced shutdown during the period.

PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3

During the month of September 1990, there were no pressurizer safety valve failures or challenges.

OPERATING DATA REPORT

UNIT NAME: WATERFORD 3
 CITY/STATE: KILLONA/LA
 DATE: OCTOBER 1990

OPERATING STATUS

- 1. Docket: 50-382
- 2. Reporting Period: SEPTEMBER, 1990
- 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: _____

<u>Notes</u>

- 10. Power Level To Which Restricted, if Any (Net MWe): NONE
- 11. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
12. Hours In Reporting Period	<u>720.0</u>	<u>6,551.0</u>	<u>43,992.0</u>
13. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>6,143.5</u>	<u>36,105.2</u>
14. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
15. Hours Generator On-Line	<u>704.7</u>	<u>6,098.1</u>	<u>35,524.8</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>2,363,915</u>	<u>20,243,572</u>	<u>115,950,097</u>
18. Gross Electrical Energy Generated (MWH)	<u>781,160</u>	<u>6,781,400</u>	<u>39,021,600</u>
19. Net Electrical Energy Generated (MWH)	<u>745,116</u>	<u>6,476,324</u>	<u>37,146,612</u>
20. Unit Service Factor	<u>97.9</u>	<u>93.1</u>	<u>80.8</u>
21. Unit Availability Factor	<u>97.9</u>	<u>93.1</u>	<u>80.8</u>
22. Unit Capacity Factor (Using MDC Net)	<u>96.3</u>	<u>92.0</u>	<u>78.5</u>
23. Unit Capacity Factor (Using DER Net)	<u>93.7</u>	<u>89.5</u>	<u>76.5</u>
24. Unit Forced Outage Rate	<u>2.1</u>	<u>2.0</u>	<u>5.0</u>
25. Unit Forced Outage Hours	<u>15.3</u>	<u>124.1</u>	<u>1,859.5</u>

26. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Maintenance, 10/6/90, 9 Days; Refueling, 3/25/91, 60 Days

27. If Shut Down At End of Report Period, Estimated Date Of Startup: _____

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

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-382
 UNIT WATERFORD 3
 DATE OCTOBER 1990
 COMPLETED BY PATRICK CENTOLANZI
 TELEPHONE 504-739-6683

MONTH SEPTEMBER 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1061	17	1075
2	1067	18	1076
3	1067	19	1074
4	943	20	1075
5	342	21	1075
6	1063	22	1075
7	1064	23	1023
8	1069	24	891
9	1071	25	1071
10	1072	26	1066
11	1070	27	1076
12	1072	28	1075
13	1070	29	1072
14	1074	30	1068
15	1075	31	NA
16	1076		

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 SEPTEMBER 1990

DOCKET NO	50-382
UNIT NAME	WATERFORD 3
DATE	OCTOBER 1990
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>
90-07	900904	F	15.3	A	N/A	90-012	FK	SWGR	Distribution grid fault due to lightning strike caused loss of load and turbine trip. Reactor remained critical through outage.

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