



LOUISIANA
POWER & LIGHT

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W3P89-1575

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September 15, 1989

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 August, 1989. 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
Manager
Nuclear Safety & Regulatory Affairs

PFB/LWL/OPP/pi
Enclosure

cc: E.D. Martin, NRC Region IV
NRC Resident Inspectors Office
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"AN EQUAL OPPORTUNITY EMPLOYER"

NRC MONTHLY OPERATING REPORT

SUMMARY OF OPERATIONS

WATERFORD 3

AUGUST 1989

The unit operated at an average reactor power of 89.2% and experienced one (1) shutdown during the period.

PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3

During the month of August 1989, there were no pressurizer safety valve failures or challenges.

OPERATING DATA REPORT

UNIT NAME: WATERFORD 3
 CITY/STATE: KILLONA/LA
 DATE: September 1989

OPERATING STATUS

1. Docket: 50-382
2. Reporting Period: AUGUST 1989
3. Utility Contact: PATRICK CENTOLANZI
 Phone Number: (504) 464-3360
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>744.0</u>	<u>5831.0</u>	<u>34512.0</u>
13. Number Of Hours Reactor Was Critical	<u>683.8</u>	<u>5660.9</u>	<u>28390.0</u>
14. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
15. Hours Generator On-Line	<u>674.5</u>	<u>5641.8</u>	<u>27929.0</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>2,249,799</u>	<u>18,815,241</u>	<u>90,838,837</u>
18. Gross Electrical Energy Generated (MWH)	<u>746,760</u>	<u>6,347,760</u>	<u>30,617,710</u>
19. Net Electrical Energy Generated (MWH)	<u>709,456</u>	<u>6,072,140</u>	<u>29,132,994</u>
20. Unit Service Factor	<u>90.7</u>	<u>96.8</u>	<u>80.9</u>
21. Unit Availability Factor	<u>90.7</u>	<u>96.8</u>	<u>80.9</u>
22. Unit Capacity Factor (Using MDC Net)	<u>88.7</u>	<u>96.9</u>	<u>78.5</u>
23. Unit Capacity Factor (Using DER Net)	<u>86.4</u>	<u>94.3</u>	<u>76.5</u>
24. Unit Forced Outage Rate	<u>9.3</u>	<u>3.2</u>	<u>5.8</u>
25. Unit Forced Outage Hours	<u>69.5</u>	<u>189.3</u>	<u>1716.0</u>

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

Refueling Outage #3, 9/22/89, 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 SEPTEMBER 1989

COMPLETED BY PATRICK CENTOLANZI

TELEPHONE 504-464-3360

MONTH AUGUST 1989

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	<u>1080</u>
2	<u>1072</u>
3	<u>1074</u>
4	<u>1075</u>
5	<u>1074</u>
6	<u>1072</u>
7	<u>1067</u>
8	<u>1074</u>
9	<u>1070</u>
10	<u>1070</u>
11	<u>1072</u>
12	<u>1071</u>
13	<u>1073</u>
14	<u>1074</u>
15	<u>1074</u>
16	<u>1074</u>

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

17	<u>1068</u>
18	<u>1071</u>
19	<u>571</u>
20	<u>-46</u>
21	<u>-47</u>
22	<u>239</u>
23	<u>1049</u>
24	<u>1070</u>
25	<u>1070</u>
26	<u>1068</u>
27	<u>1069</u>
28	<u>1071</u>
29	<u>1068</u>
30	<u>1066</u>
31	<u>1061</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 AUGUST 1989

DOCKET NO
UNIT NAME
DATE
COMPLETED BY
TELEPHONE

50-382
WATERFORD 3
SEPTEMBER 1989
PATRICK CENTOLANZI
504-464-3360

No.	Date	Type ¹	Duration (HOURS)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
89-05	890819	F	69.5	A	3	89-017	AA	DRIV	During CEA testing at reduced power, CEA 18 failed to respond to outward movement signals. Due to the rod position deviation, Tech Specs required a power reduc- tion which initiated a Xenon/Iodine transient which was difficult to control resulting in an Axial Shape Index (ASI) trip.

1	2	3
F: Forced	Reason:	Method
S: Scheduled	A-Equipment Failure (Explain)	1-Manual
	B-Maintenance or Test	2-Manual Scram.
	C-Refueling	3-Automatic Scram.
	D-Regulatory Restriction	4-Continuation
	E-Operator Training & License Examination	5-Load Reduction
	F-Administrative	9-Other
	G-Operational Error (Explain)	
	H-Other (Explain)	
		4 IEEE Std. 805-1984
		5 IEEE Std. 803A-1983