

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335  
 UNIT St. Lucie #1  
 DATE 6-15-84  
 COMPLETED BY N.W. Grant  
 TELEPHONE (305) 552-3675

MONTH May, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-
2	-
3	-
4	-
5	-
6	-
7	-
8	-
9	-
10	-
11	-
12	-
13	-
14	-
15	-
16	35

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	195
18	274
19	504
20	550
21	562
22	538
23	808
24	848
25	851
26	852
27	852
28	853
29	850
30	852
31	782

## 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.

(9/77)

8407020348 840615  
 PDR ADOCK 05000250  
 R PDR

# OPERATING DATA REPORT

DOCKET NO. 50-335  
 DATE 6-15-84  
 COMPLETED BY N.W. Grant  
 TELEPHONE (305) 552-3675

## OPERATING STATUS

1. Unit Name: St. Lucie Unit #1
2. Reporting Period: May 1984
3. Licensed Thermal Power (MWt): 2,700
4. Nameplate Rating (Gross MWe): 893
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 867
7. Maximum Dependable Capacity (Net MWe): 822
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

### Notes

Unit #1 returned to power following refueling and scheduled maintenance.

9. Power Level To Which Restricted, If Any (Net MWe): \_\_\_\_\_
10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	3,647	65,255
12. Number Of Hours Reactor Was Critical	426.2	479.8	44,945.9
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	368.5	368.5	43,944.7
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	798,009	800,034	109,467,972
17. Gross Electrical Energy Generated (MWH)	260,820	260,820	35,634,695
18. Net Electrical Energy Generated (MWH)	240,932	225,726	33,559,999
19. Unit Service Factor	49.5	10.1	67.3
20. Unit Availability Factor	49.5	10.1	67.4
21. Unit Capacity Factor (Using MDC Net)	39.4	7.5	65.1
22. Unit Capacity Factor (Using DER Net)	39.0	7.5	63.4
23. Unit Forced Outage Rate	4.3	4.3	4.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: \_\_\_\_\_
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May, 1984

DOCKET NO. 50-335  
 UNIT NAME St. Lucie Unit #1  
 DATE 6-15-84  
 COMPLETED BY N.W. Grant  
 TELEPHONE (305) 552-3675

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
03	830226	S	373.9	C	4		RC	FUELXX	Unit #1 returned to power following refueling and scheduled maintenance.
04	840517	S	1.6	B	9		HA	TURBIN	Turbine overspeed trip test.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)  
 4- CONTINUED  
 5- LOAD REDUCTION

<sup>4</sup>  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

<sup>5</sup>  
 Exhibit I - Same Source

# SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	50-335
UNIT	St. Lucie Unit 1
DATE	June 15, 1984
COMPLETED BY	N.W. Grant
TELEPHONE	(305) 552-3675

REPORT MONTH May, 1984

St. Lucie Unit 1 returned to power following a refueling and scheduled maintenance outage which included the repair work on the core support barrel and removal of the thermal shield.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.K.3.3, there were no challenges to PORV or safety valves during the report month.

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389  
UNIT St. Lucie #2  
DATE 6-15-84  
COMPLETED BY N.W. Grant  
TELEPHONE (305) 552-3675

MONTH May, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>808</u>
2	<u>810</u>
3	<u>809</u>
4	<u>804</u>
5	<u>786</u>
6	<u>757</u>
7	<u>777</u>
8	<u>808</u>
9	<u>812</u>
10	<u>812</u>
11	<u>812</u>
12	<u>811</u>
13	<u>810</u>
14	<u>808</u>
15	<u>810</u>
16	<u>809</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>809</u>
18	<u>812</u>
19	<u>812</u>
20	<u>812</u>
21	<u>812</u>
22	<u>812</u>
23	<u>813</u>
24	<u>811</u>
25	<u>812</u>
26	<u>811</u>
27	<u>812</u>
28	<u>811</u>
29	<u>811</u>
30	<u>813</u>
31	<u>794</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.

# OPERATING DATA REPORT

DOCKET NO 50-389  
DATE 6-15-84  
COMPLETED BY N.W. Grant  
TELEPHONE (305) 552-3675

## OPERATING STATUS

1. Unit Name: St. Lucie Unit #2
2. Reporting Period: May 1984
3. Licensed Thermal Power (MWt): 1,560
4. Nameplate Rating (Gross MWe): 850
5. Design Electrical Rating (Net MWe): 804
6. Maximum Dependable Capacity (Gross MWe): 832
7. Maximum Dependable Capacity (Net MWe): 786
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

### Notes

Unit #2 operated at essentially full power.

9. Power Level To Which Restricted, If Any (Net MWe): \_\_\_\_\_
10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	3,647	7,152
12. Number Of Hours Reactor Was Critical	744	3,628.4	6,855.4
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744	3,492.6	6,623
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,898,244	8,829,801	16,487,745
17. Gross Electrical Energy Generated (MWH)	633,400	2,961,680	5,504,900
18. Net Electrical Energy Generated (MWH)	599,952	2,801,006	5,198,592
19. Unit Service Factor	100.0	95.8	92.6
20. Unit Availability Factor	100.0	95.8	92.6
21. Unit Capacity Factor (Using MDC Net)	102.6	97.7	92.5
22. Unit Capacity Factor (Using DER Net)	100.3	95.5	90.4
23. Unit Forced Outage Rate	0	3.4	7.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: \_\_\_\_\_
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____



# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May, 1984

DOCKET NO. 50-389  
 UNIT NAME St. Lucie Unit #2  
 DATE 6-15-84  
 COMPLETED BY N.W. Grant  
 TELEPHONE (305) 552-3675

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
									Unit #2 had no shutdowns or significant power reductions.

<sup>1</sup>  
 F- Forced  
 S- Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)  
 4- CONTINUED  
 5- LOAD REDUCTION

<sup>4</sup>  
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 0161)

<sup>5</sup>  
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-389</u>
UNIT	<u>St. Lucie Unit #2</u>
DATE	<u>June 15, 1984</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH May, 1984

Unit 2 operated at essentially full power.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of Technical Specification 6.9.1.6 there were no challenges to PROV or safety valves during the report month.