

# OPERATING DATA REPORT

DOCKET NO. 50-335  
 DATE Feb 15, 1982  
 COMPLETED BY Paul Pace  
 TELEPHONE (305) 552-3654

## OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: January, 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 850\*
5. Design Electrical Rating (Net MWe): 802\*
6. Maximum Dependable Capacity (Gross MWe): 822\*
7. Maximum Dependable Capacity (Net MWe): 777\*

### Notes

St. Lucie Unit No 1 operated at essentially full power for the entire month.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

\* Items 4, 5, 6, 7 are in the process of being revised due to increased licensed thermal power.

9. Power Level To Which Restricted, If Any (Net MWe): None

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	744.0	44 832
12. Number Of Hours Reactor Was Critical	744.0	744.0	35 573.4
13. Reactor Reserve Shutdown Hours	-0-	-0-	205.3
14. Hours Generator On-Line	744.0	744.0	34 738.9
15. Unit Reserve Shutdown Hours	-0-	-0-	39.3
16. Gross Thermal Energy Generated (MWH)	1 946 002	1 946 002	85 269 921
17. Gross Electrical Energy Generated (MWH)	639 710	639 710	27 697 825
18. Net Electrical Energy Generated (MWH)	606 720	606 720	26 086 267
19. Unit Service Factor	100.0	100.0	77.5
20. Unit Availability Factor	100.0	100.0	77.6
21. Unit Capacity Factor (Using MDC Net)	105.0	105.0	74.9
22. Unit Capacity Factor (Using DER Net)	101.7	101.7	72.6
23. Unit Forced Outage Rate	-0-	-0-	5.5

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):

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1982DOCKET NO. 50-335UNIT NAME St. Lucie No. 1DATE Feb 15, 1982COMPLETED BY Paul PaceTELEPHONE (305) 552-3654

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
									No shutdowns or power reductions greater than 20% of average daily power level.

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

<sup>2</sup>  
Reason:  
A-Equipment Failure (Explain)  
B-Maintenance of 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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335  
 UNIT St. Lucie 1  
 DATE March 10, 1982  
 COMPLETED BY P. Pace  
 TELEPHONE (305) 552-3654

MONTH January 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	799
2	799
3	800
4	798
5	798
6	799
7	796
8	800
9	798
10	800
11	801
12	803
13	803
14	805
15	831
16	831

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	832
18	831
19	829
20	829
21	829
22	829
23	790
24	828
25	829
26	831
27	831
28	834
29	835
30	833
31	832

## 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.

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335  
 UNIT St. Lucie No. 1  
 DATE Feb 15, 1982  
 COMPLETED BY Paul Pace  
 TELEPHONE (305) 552-3654

MONTH January, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	843
2	843
3	844
4	842
5	842
6	843
7	840
8	840
9	842
10	845
11	846
12	848
13	847
14	849
15	875
16	875

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	876
18	875
19	876
20	873
21	873
22	874
23	834
24	873
25	874
26	875
27	876
28	879
29	879
30	878
31	877

## 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.

### SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit No. 1</u>
DATE	<u>February 15, 1982</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH January, 1982

Unit 1 operated at essentially full power for the entire month.

Major Safety-related maintenance activities performed during the month included:

Inspections and requirements of IE Bulletins and NUREG-0737 in progress.

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