

OPERATING DATA REPORT

Corrected Copy

DOCKET NO. 50-335
 DATE FEB 14 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie Unit 1
2. Reporting Period: May 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes
 Unit 1 operated essentially at full power except for a steam generator inspection outage. See Unit shutdown report.

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

| | This Month | Yr.-to-Date | Cumulative |
|---|------------|-------------|------------|
| 11. Hours In Reporting Period | 744 | 3623 | 47711 |
| 12. Number Of Hours Reactor Was Critical | 301.4 | 3180.4 | 38009.8 |
| 13. Reactor Reserve Shutdown Hours | 0 | 0 | 205.3 |
| 14. Hours Generator On-Line | 297.2 | 3176.2 | 37171.1 |
| 15. Unit Reserve Shutdown Hours | 0 | 0 | 39.3 |
| 16. Gross Thermal Energy Generated (MWH) | 768 617 | 8 413 176 | 91 737 095 |
| 17. Gross Electrical Energy Generated (MWH) | 252 920 | 2 759 300 | 29 817 415 |
| 18. Net Electrical Energy Generated (MWH) | 236 099 | 2 614 307 | 28 093 854 |
| 19. Unit Service Factor | 39.9 | 87.7 | 77.9 |
| 20. Unit Availability Factor | 39.9 | 87.7 | 78.0 |
| 21. Unit Capacity Factor (Using MDC Net) | 38.8 | 91.0 | 75.7 |
| 22. Unit Capacity Factor (Using DER Net) | 38.2 | 88.7 | 73.3 |
| 23. Unit Forced Outage Rate | 0 | 0 | 5.1 |

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 | _____ | _____ |

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OPERATING DATA REPORT
Corrected Copy

DOCKET NO. 50-335
DATE FEB 14 1983
COMPLETED BY P. Pace
TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie Unit 1
2. Reporting Period: June 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A

Notes

Unit 1 operated at essentially full power except for the outage listed in the unit shutdowns report.

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 | 720 | 4343 | 48431 |
| 12. Number Of Hours Reactor Was Critical | 720 | 3900.4 | 38729.8 |
| 13. Reactor Reserve Shutdown Hours | -0- | -0- | 205.3 |
| 14. Hours Generator On-Line | 714.8 | 3891 | 37885.9 |
| 15. Unit Reserve Shutdown Hours | -0- | -0- | 39.3 |
| 16. Gross Thermal Energy Generated (MWH) | 1897597 | 10310773 | 93634692 |
| 17. Gross Electrical Energy Generated (MWH) | 625250 | 3384550 | 30442665 |
| 18. Net Electrical Energy Generated (MWH) | 593528 | 3207835 | 28687382 |
| 19. Unit Service Factor | 99.3 | 89.6 | 78.2 |
| 20. Unit Availability Factor | 99.3 | 89.6 | 78.3 |
| 21. Unit Capacity Factor (Using MDC Net) | 100.9 | 92.7 | 76.1 |
| 22. Unit Capacity Factor (Using DER Net) | 99.3 | 90.5 | 73.7 |
| 23. Unit Forced Outage Rate | .7 | .1 | 5.0 |
| 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

OPERATING DATA REPORT

Corrected Copy

DOCKET NO. 50-335
 DATE FEB 14 1983
 COMPLETED BY P.L. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie Unit 1
2. Reporting Period: July 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
NA

Notes
 Unit 1 operated at essentially full power

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: NA

| | This Month | Yr.-to-Date | Cumulative |
|---|----------------|-----------------|-----------------|
| 11. Hours In Reporting Period | <u>744</u> | <u>5087</u> | <u>49175</u> |
| 12. Number Of Hours Reactor Was Critical | <u>744</u> | <u>4644.4</u> | <u>39473.8</u> |
| 13. Reactor Reserve Shutdown Hours | <u>-0-</u> | <u>-0-</u> | <u>205.3</u> |
| 14. Hours Generator On-Line | <u>744</u> | <u>4635</u> | <u>38629.9</u> |
| 15. Unit Reserve Shutdown Hours | <u>-0-</u> | <u>-0-</u> | <u>39.3</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>1990892</u> | <u>12301665</u> | <u>95625584</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>654760</u> | <u>4039310</u> | <u>31097425</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>621878</u> | <u>3829713</u> | <u>29309260</u> |
| 19. Unit Service Factor | <u>100</u> | <u>91.1</u> | <u>78.6</u> |
| 20. Unit Availability Factor | <u>100</u> | <u>91.1</u> | <u>78.6</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>102.3</u> | <u>94.1</u> | <u>76.5</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>100.7</u> | <u>92.0</u> | <u>74.2</u> |
| 23. Unit Forced Outage Rate | <u>-0-</u> | <u>.1</u> | <u>4.9</u> |

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 | <u> </u> | <u> </u> |
| INITIAL ELECTRICITY | <u> </u> | <u> </u> |
| COMMERCIAL OPERATION | <u> </u> | <u> </u> |

OPERATING DATA REPORT
Corrected Copy

DOCKET NO. 50-335
DATE FEB 14 1983
COMPLETED BY P. L. Pace
TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie 1
 2. Reporting Period: August, 1982
 3. Licensed Thermal Power (MWt): 2700
 4. Nameplate Rating (Gross MWe): 890
 5. Design Electrical Rating (Net MWe): 830
 6. Maximum Dependable Capacity (Gross MWe): 862
 7. Maximum Dependable Capacity (Net MWe): 817
 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 1 operated at essentially full power except for a brief outage on 8/16/82. See "Unit Shutdowns and Power Reductions" Report for details.

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 | 5831 | 49,919 |
| 12. Number Of Hours Reactor Was Critical | 738.9 | 5383.3 | 40,212.7 |
| 13. Reactor Reserve Shutdown Hours | 0 | 0 | 205.3 |
| 14. Hours Generator On-Line | 737.8 | 5372.8 | 39,367.7 |
| 15. Unit Reserve Shutdown Hours | 0 | 0 | 39.3 |
| 16. Gross Thermal Energy Generated (MWH) | 1,965,785* | 14,267,450 | 97,591,369 |
| 17. Gross Electrical Energy Generated (MWH) | 644,230 | 4,683,540 | 31,741,655 |
| 18. Net Electrical Energy Generated (MWH) | 611,329 | 4,441,042 | 29,920,589 |
| 19. Unit Service Factor | 99.2 | 92.1 | 78.9 |
| 20. Unit Availability Factor | 99.2 | 92.1 | 78.9 |
| 21. Unit Capacity Factor (Using MDC Net) | 100.6 | 95.0 | 76.9 |
| 22. Unit Capacity Factor (Using DER Net) | 99.0 | 92.9 | 74.5 |
| 23. Unit Forced Outage Rate | .8 | .2 | 4.9 |

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 | _____ | _____ |

*368 MWH (thermal) used for St. Lucie Unit 2 testing.

OPERATING DATA REPORT

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 DATE FEB 14 1983
 COMPLETED BY P. Pace
 TELEPHONE (305)552-3654

OPERATING STATUS

1. Unit Name: St. Lucie 1
2. Reporting Period: September 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit 1 operated at essentially full power except for two brief outages (See "Unit Shutdowns and Power Reductions" report).

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 | 720 | 6,551 | 50,639 |
| 12. Number Of Hours Reactor Was Critical | 711.3 | 6,094.6 | 40,924 |
| 13. Reactor Reserve Shutdown Hours | 0 | 0 | 205.3 |
| 14. Hours Generator On-Line | 707.0 | 6,079.8 | 40,074.7 |
| 15. Unit Reserve Shutdown Hours | 0 | 0 | 39.3 |
| 16. Gross Thermal Energy Generated (MWH) | 1,872,813 | 16,140,263 | 99,464,182 |
| 17. Gross Electrical Energy Generated (MWH) | 611,240 | 5,294,780 | 32,352,895 |
| 18. Net Electrical Energy Generated (MWH) | 579,625 | 5,020,667 | 30,500,214 |
| 19. Unit Service Factor | 98.2 | 92.8 | 79.1 |
| 20. Unit Availability Factor | 98.2 | 92.8 | 79.2 |
| 21. Unit Capacity Factor (Using MDC Net) | 98.5 | 95.4 | 77.2 |
| 22. Unit Capacity Factor (Using DER Net) | 97.0 | 93.4 | 74.9 |
| 23. Unit Forced Outage Rate | 1.8 | .4 | 4.8 |

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 |
|-------|----------|----------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

OPERATING DATA REPORT

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DOCKET NO. 50-335
 DATE FEB 14 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie Unit 1
2. Reporting Period: October 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 1 operated at essentially full power except for a brief outage. See the "Unit Shutdowns and Power Reductions" report for details.

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 | 745 | 7,296 | 51,384 |
| 12. Number Of Hours Reactor Was Critical | 735.4 | 6,830 | 41,659.4 |
| 13. Reactor Reserve Shutdown Hours | 0 | 0 | 205.3 |
| 14. Hours Generator On-Line | 718.2 | 6,798 | 40,792.9 |
| 15. Unit Reserve Shutdown Hours | 0 | 0 | 39.3 |
| 16. Gross Thermal Energy Generated (MWH) | 1,897,947 | 18,038,210 | 101,362,129 |
| 17. Gross Electrical Energy Generated (MWH) | 621,300 | 5,916,080 | 32,974,195 |
| 18. Net Electrical Energy Generated (MWH) | 588,718 | 5,609,385 | 31,088,932 |
| 19. Unit Service Factor | 96.4 | 93.2 | 79.4 |
| 20. Unit Availability Factor | 96.4 | 93.2 | 79.5 |
| 21. Unit Capacity Factor (Using MDC Net) | 96.7 | 95.5 | 77.4 |
| 22. Unit Capacity Factor (Using DER Net) | 95.2 | 93.6 | 75.2 |
| 23. Unit Forced Outage Rate | 3.6 | .7 | 4.8 |

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 | _____ | _____ |

OPERATING DATA REPORT

Corrected Copy

DOCKET NO. 50-335
 DATE FEB 14 1983
 COMPLETED BY P. Pace
 TELEPHONE _____

OPERATING STATUS

1. Unit Name: St. Lucie 1
2. Reporting Period: November 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit 1 operated at essentially full power except for brief outages. See "Unit Shutdowns and Power Reductions" Report.

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 | 720 | 8,016 | 52,104 |
| 12. Number Of Hours Reactor Was Critical | 698.2 | 7,528.2 | 42,357.6 |
| 13. Reactor Reserve Shutdown Hours | 0 | 0 | 205.3 |
| 14. Hours Generator On-Line | 691.8 | 7,489.8 | 41,484.7 |
| 15. Unit Reserve Shutdown Hours | 0 | 0 | 39.3 |
| 16. Gross Thermal Energy Generated (MWH) | 1,816,532* | 19,854,742 | 103,178,661 |
| 17. Gross Electrical Energy Generated (MWH) | 596,550 | 6,512,630 | 33,570,745 |
| 18. Net Electrical Energy Generated (MWH) | 565,107 | 6,174,492 | 31,654,039 |
| 19. Unit Service Factor | 96.1 | 93.4 | 79.6 |
| 20. Unit Availability Factor | 96.1 | 93.4 | 79.7 |
| 21. Unit Capacity Factor (Using MDC Net) | 96.1 | 95.6 | 77.7 |
| 22. Unit Capacity Factor (Using DER Net) | 94.6 | 93.6 | 75.4 |
| 23. Unit Forced Outage Rate | 3.9 | 1.1 | 4.8 |

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling, March 1982, 2 months

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 | _____ | _____ |

3630x10⁶ BTU diverted to St. Lucie Unit 2 for testing.

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 DATE FEB 14 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie 1
2. Reporting Period: December 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 1 operated at essentially full power except for a brief outage as described in the "Unit Shutdowns and Power Reductions" Report

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 | 8 760 | 52 848 |
| 12. Number Of Hours Reactor Was Critical | 741.6 | 8 269.8 | 43 099.2 |
| 13. Reactor Reserve Shutdown Hours | 0 | 0 | 205.3 |
| 14. Hours Generator On-Line | 740.6 | 8,230.4 | 42 225.3 |
| 15. Unit Reserve Shutdown Hours | 0 | 0 | 39.3 |
| 16. Gross Thermal Energy Generated (MWH) | 1 956 855 | 21 811 597 | 105 135 516 |
| 17. Gross Electrical Energy Generated (MWH) | 642 850 | 7 155 480 | 34 213 595 |
| 18. Net Electrical Energy Generated (MWH) | 610 152 | 6 784 644 | 32 264 191 |
| 19. Unit Service Factor | 99.5 | 94.0 | 79.9 |
| 20. Unit Availability Factor | 99.5 | 94.0 | 80.0 |
| 21. Unit Capacity Factor (Using MDC Net) | 100.4 | 95.9 | 78.0 |
| 22. Unit Capacity Factor (Using DER Net) | 98.8 | 94.1 | 75.8 |
| 23. Unit Forced Outage Rate | 0.5 | 1.0 | 4.7 |

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
 Refueling, March 1983, 2 months.

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 | _____ | _____ |