

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250  
 UNIT TurkeyPoint Unit 3  
 DATE AUG 16 1982  
 COMPLETED BY P.L. Pace  
 TELEPHONE (305) 552-3654

MONTH July 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	672
2	677
3	676
4	675
5	678
6	678
7	681
8	676
9	680
10	676
11	679
12	674
13	677
14	677
15	642
16	508

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	677
18	677
19	675
20	676
21	167
22	---
23	---
24	---
25	---
26	---
27	---
28	---
29	---
30	---
31	---

## INSTRUCTIONS

On this form, 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)

# OPERATING DATA REPORT

DOCKET NO. 50-250  
 DATE AUG 16 1982  
 COMPLETED BY P.L. Pace  
 TELEPHONE (305) 552-3654

## OPERATING STATUS

1. Unit Name: Turkey Point 3
2. Reporting Period: July 1982
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 680
7. Maximum Dependable Capacity (Net MWe): 646
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
 NA

### Notes

Unit 3 operated at essentially full power except for an outage which started on July 21, 1982 and continued through the report period.

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	744	5087	84632.6
12. Number Of Hours Reactor Was Critical	486.3	2387.6	58147.7
13. Reactor Reserve Shutdown Hours	-0-	-0-	844.4
14. Hours Generator On-Line	486.3	2295.9	56186.9
15. Unit Reserve Shutdown Hours	-0-	-0-	121.8
16. Gross Thermal Energy Generated (MWH)	1 067 596	4 987 827	114 185 382
17. Gross Electrical Energy Generated (MWH)	342905	1610400	36304025
18. Net Electrical Energy Generated (MWH)	325005	1521205	34342871
19. Unit Service Factor	65.4%	45.1%	66.4%
20. Unit Availability Factor	65.4%	45.1%	66.5%
21. Unit Capacity Factor (Using MDC Net)	67.6%	46.3%	62.8%
22. Unit Capacity Factor (Using DER Net)	63.0%	43.2%	58.6%
23. Unit Forced Outage Rate	34.6%	14.7%	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 July 1982

DOCKET NO. 50-250  
 UNIT NAME Turkey Point 3  
 DATE AUG 18 1982  
 COMPLETED BY P. Pace  
 TELEPHONE (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 # <sup>4</sup> Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
12	820721	F	257.7	A	3		CB	MOTORX	Reactor tripped due to loss of reactor coolant pump which tripped due to instantaneous overcurrent. The reactor coolant pump motor was replaced.

1  
 F: Forced  
 S: Scheduled

2  
 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)

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

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

5  
 Exhibit I - Same Source

### SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	50-250
UNIT	Turkey Point 3
DATE	AUG 16 1982
COMPLETED BY	P.L. Pace
TELEPHONE	(305) 552-3654

REPORT MONTH July 1982

Unit 3 operated at essentially full power until the unit tripped on July 21, 1982. The trip was caused by the loss of the "A" Reactor Coolant Pump (RCP) which tripped due to instantaneous overcurrent. The RCP motor was replaced and the unit was returned to operation in August.

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

A pressurizer Safety Valve was overhauled

A containment sump pump was replaced

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

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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251  
 UNIT Turkey Point Unit 4  
 DATE AUG 16 1982  
 COMPLETED BY P.L. Pace  
 TELEPHONE (305) 552-3654

MONTH July 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	653
2	660
3	658
4	657
5	656
6	659
7	324
8	---
9	---
10	---
11	---
12	---
13	---
14	---
15	---
16	---

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	---
18	---
19	---
20	---
21	---
22	---
23	---
24	---
25	---
26	23
27	621
28	664
29	668
30	663
31	657

## 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. 50-251  
 DATE AUG 16 1982  
 COMPLETED BY P.L. Pace  
 TELEPHONE (305) 552-3654

## OPERATING STATUS

Turkey Point Unit 4

1. Unit Name: \_\_\_\_\_
2. Reporting Period: July 1982
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 680
7. Maximum Dependable Capacity (Net MWe): 646
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: NA

Notes  
 Unit 4 operated at essentially full power except for an outage for steam generator inspection and maintenance.

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	744	5087	78360
12. Number Of Hours Reactor Was Critical	286.4	4233.7	58212.8
13. Reactor Reserve Shutdown Hours	-0-	-0-	166.6
14. Hours Generator On-Line	280.4	4179.1	56263.5
15. Unit Reserve Shutdown Hours	-0-	-0-	31.2
16. Gross Thermal Energy Generated (MWH)	611146	9144075	118360698
17. Gross Electrical Energy Generated (MWH)	191630	2932045	37654112
18. Net Electrical Energy Generated (MWH)	179236	2783178	35671956
19. Unit Service Factor	37.7%	82.2%	71.8%
20. Unit Availability Factor	37.7%	82.2%	71.8%
21. Unit Capacity Factor (Using MDC Net)	37.3%	84.7%	70.5%
22. Unit Capacity Factor (Using DER Net)	34.8%	78.9%	65.7%
23. Unit Forced Outage Rate	60.9%	14.2%	3.9%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Steam Generator Repair Project, mid October 1982, 9 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 | _____    | _____    |

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 1982

DOCKET NO. 50-251  
 UNIT NAME Turkey Point 4  
 DATE AUG 16 1982  
 COMPLETED BY P. Pace  
 TELEPHONE (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 # <sup>4</sup> Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
13	820707	F	463.6	F	1	251-82-10	CC	HTEXCH	Unit removed from service to investigate primary to secondary leakage. Foreign objects on secondary side found to be the cause. Most of the foreign objects were removed and preventive plugging was completed. The unit was returned to operation.

<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

# SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	50-251
UNIT	Turkey Point 4
DATE	AUG 18 1982
COMPLETED BY	P.L. Pace
TELEPHONE	(305) 552-3654

REPORT MONTH July 1982

Unit 4 operated at essentially full power except for an outage from July 7 to July 26. The unit was shutdown to investigate minor primary to secondary leakage in the "3" steam generator. The leak was associated with foreign objects at or near the tube sheet evaluation. A full report was provided to the NRC in FPL's letter L-82-336 dated August 9, 1982 and in Licensee Event Report 251-82-10 dated August 12, 1982.

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

A power operated relief valve motor was overhauled

A Boron Injection tank inlet motor operated valve (MOV) was overhauled

The "4B" High Pressure Safety Injection Pump was overhauled

The "4B" Boric Acid pump was overhauled

The Steam Generator manway gaskets were replaced.

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.



# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335  
 UNIT St. Lucie Unit 1  
 DATE AUG 16 1982  
 COMPLETED BY P.L. Pace  
 TELEPHONE (305) 552-3654

MONTH July 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>841</u>
2	<u>841</u>
3	<u>837</u>
4	<u>838</u>
5	<u>841</u>
6	<u>800</u>
7	<u>839</u>
8	<u>839</u>
9	<u>839</u>
10	<u>841</u>
11	<u>842</u>
12	<u>841</u>
13	<u>838</u>
14	<u>838</u>
15	<u>835</u>
16	<u>832</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>833</u>
18	<u>834</u>
19	<u>835</u>
20	<u>837</u>
21	<u>838</u>
22	<u>836</u>
23	<u>836</u>
24	<u>837</u>
25	<u>838</u>
26	<u>833</u>
27	<u>834</u>
28	<u>832</u>
29	<u>834</u>
30	<u>835</u>
31	<u>837</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. 50-335  
 DATE AUG 16 1982  
 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

Notes  
 Unit 1 operated at  
 essentially full power

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

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	744	5087	49175
12. Number Of Hours Reactor Was Critical	744	4644.4	39473.8
13. Reactor Reserve Shutdown Hours	-0-	-0-	205.3
14. Hours Generator On-Line	744	4617	38629.9
15. Unit Reserve Shutdown Hours	-0-	-0-	39.3
16. Gross Thermal Energy Generated (MWH)	1990892	12301665	95625584
17. Gross Electrical Energy Generated (MWH)	654760	4039310	31097425
18. Net Electrical Energy Generated (MWH)	621878	3829713	29309260
19. Unit Service Factor	100	90.8	78.6
20. Unit Availability Factor	100	90.8	78.6
21. Unit Capacity Factor (Using MDC Net)	102.3	94.1	76.5
22. Unit Capacity Factor (Using DER Net)	100.7	92.0	74.2
23. Unit Forced Outage Rate	-0-	.1	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

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 1982

DOCKET NO. 50-335  
 UNIT NAME St. Lucie Unit 1  
 DATE AUG 16 1982  
 COMPLETED BY P. L. Pace  
 TELEPHONE (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 # <sup>4</sup> Report #	System Code <sup>7</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
									No plant shutdowns or significant reductions in 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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit No. 1</u>
DATE	<u>AUG 16 1982</u>
COMPLETED BY	<u>P.L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH July 1982

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

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

Inspections and requirements of IE Bullentins 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.