

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point 3
 DATE 9-15-82
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

MONTH August, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0
2	0
3	0
4	0
5	0
6	0
7	229
8	671
9	668
10	578
11	8
12	668
13	672
14	671
15	666
16	670

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	675
18	678
19	682
20	681
21	676
22	670
23	668
24	669
25	673
26	670
27	670
28	672
29	669
30	671
31	675

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)

8211020221 820915
 PDR ADOCK 05000250
 R PDR

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE 9-15-82
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: Turkey Point 3
2. Reporting Period: August, 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:

Notes
 , Unit 3 returned to full power after an outage for repair of a reactor coolant pump.

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	85,376.6
12. Number Of Hours Reactor Was Critical	607.3	2994.9	58,755
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	562.2	2858.1	56,749.1
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	1,237,180	6,225,007	115,422,562
17. Gross Electrical Energy Generated (MWH)	393,895	2,004,295	36,697,920
18. Net Electrical Energy Generated (MWH)	373,145	1,894,350	34,716,016
19. Unit Service Factor	75.6	49.0	66.5
20. Unit Availability Factor	75.6	49.0	66.6
21. Unit Capacity Factor (Using MDC Net)	77.6	50.3	62.9
22. Unit Capacity Factor (Using DER Net)	72.4	46.9	58.6
23. Unit Forced Outage Rate	21.9	16.2	5.7

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

DOCKET NO. 50-250
 UNIT NAME Turkey Point 3
 DATE 9-15-82
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

REPORT MONTH August, 1982

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event # ⁴ Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
12	820721	F	157.8	A	4		CB	MOTORX	Reactor tripped due to loss of reactor coolant pump which tripped due to instantaneous overcurrent. The reactor coolant pump motor was replaced. (Continued from previous month.)
13	820810	S	24.1	A	1		CH	VALVEX	Unit 3 was removed from service to repair feed pump drain valve and to repair/adjust the turbine control valve. Unit 3 was then returned to full power.

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.	<u>50-250</u>
UNIT	<u>Turkey Point 3</u>
DATE	<u>9-15-82</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH August, 1982

Unit 3 returned to operation following repair of the 3A reactor coolant pump on August 7, 1982. There was a brief outage on August 10, 1982, to repair the 3A steam generator feed pump drain valve and to adjust the number 3 turbine control valve.

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. 50-251

UNIT Turkey Point 4

DATE 9-15-82

COMPLETED BY P. L. Pace

TELEPHONE (305) 552-3654

MONTH August, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	660
2	653
3	657
4	662
5	664
6	676
7	674
8	670
9	669
10	669
11	670
12	450
13	665
14	667
15	660
16	664

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	669
18	673
19	673
20	668
21	665
22	659
23	656
24	659
25	661
26	660
27	658
28	660
29	660
30	660
31	658

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 9-15-82
 COMPLETED BY P. L. Pace
 TELEPHONE (205) 552-3654

OPERATING STATUS

1. Unit Name: Turkey Point 4
2. Reporting Period: August, 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:

Notes Unit 4 operated at essentially full power except for a brief outage on 8/12/82.

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	79,104
12. Number Of Hours Reactor Was Critical	741.0	4974.7	58,953.8
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	738.2	4917.3	57,001.7
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	1,626,902	10,770,977	119,987,600
17. Gross Electrical Energy Generated (MWH)	513,880	3,445,925	38,167,992
18. Net Electrical Energy Generated (MWH)	488,854	3,272,032	36,160,810
19. Unit Service Factor	99.2	84.3	72.1
20. Unit Availability Factor	99.2	84.3	72.1
21. Unit Capacity Factor (Using MDC Net)	101.7	86.9	70.8
22. Unit Capacity Factor (Using DER Net)	94.8	81.0	66.0
23. Unit Forced Outage Rate	.8	12.4	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

DOCKET NO. 50-251
 UNIT NAME Turkey Point 4
 DATE 9-15-82
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

REPORT MONTH August, 1982

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event # ⁴ Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
14	820812	F	5.8	G	3		CH	VALVEX	Reactor tripped on high steam generator level due to damage to a feedwater regulator valve control cable. The cable was repaired and the unit was returned to service.

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. 50-251
UNIT Turkey Point 4
DATE 9-15-82
COMPLETED BY P. L. Pace
TELEPHONE (305) 552-3654

REPORT MONTH August, 1982

Unit 4 operated at essentially full power for the entire month except for a brief outage on August 12, 1982, due to construction damage to a feedwater regulating valve control cable.

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 1

DATE 9-15-82

COMPLETED BY P. L. Pace

TELEPHONE (305) 552-3654

MONTH August, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	838
2	801
3	830
4	833
5	832
6	837
7	837
8	833
9	834
10	834
11	833
12	833
13	831
14	834
15	833
16	482

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	826*
18	829*
19	832*
20	834*
21	835
22	834
23	835
24	834
25	838
26	841
27	840
28	838
29	836
30	835
31	833

*Indicates some steam used for St. Lucie Unit 2 testing.

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 9-15-82
 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	5354.8	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	91.8	78.9
20. Unit Availability Factor	99.2	91.8	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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-335
 UNIT NAME St. Lucie 1
 DATE 9-15-82
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

REPORT MONTH August, 1982

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
03	820816	F	6.2	H	2	335-82-37	EB	RELAYX	Unit was manually tripped following loss of power to 4.16 kV Bus. A load shedding relay in the vital/non-vital tie breaker had been jarred. The bus was re-energized and the unit returned to power.

¹
 F: Forced
 S: Scheduled

²
 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)

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

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⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit No. 1</u>
DATE	<u>9-15-82</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH August, 1982

Unit 1 operated at essentially full power for the entire month except for a brief outage on August 16, 1982. See the "Unit Shutdowns and Power Reductions" report for details.

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

Component cooling water system maintenance.

Testing of the 4.16 kV load shedding relay on the vital/non-vital bus tie breaker which caused a unit trip.

Maintenance of the "A" inverter.

Inspections and requirements of the 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.