

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point Unit 3

DATE 9-15-83

COMPLETED BY N. W. Grant

TELEPHONE (305) 552-3675

MONTH August 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>665</u>	17	<u>665</u>
2	<u>669</u>	18	<u>663</u>
3	<u>662</u>	19	<u>665</u>
4	<u>663</u>	20	<u>660</u>
5	<u>666</u>	21	<u>659</u>
6	<u>666</u>	22	<u>662</u>
7	<u>667</u>	23	<u>661</u>
8	<u>664</u>	24	<u>604</u>
9	<u>665</u>	25	<u>579</u>
10	<u>667</u>	26	<u>661</u>
11	<u>662</u>	27	<u>661</u>
12	<u>661</u>	28	<u>658</u>
13	<u>667</u>	29	<u>661</u>
14	<u>663</u>	30	<u>662</u>
15	<u>663</u>	31	<u>660</u>
16	<u>664</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.

(9/77)

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R PDR

IE24

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE 9-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point 3
2. Reporting Period: August 1983
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): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit #3 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	5,831	94,136.6
12. Number Of Hours Reactor Was Critical	744.0	5,783.7	65,584.0
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	744.0	5,699.0	65,204.1
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	1,631,788	12,498,513	133,916,425
17. Gross Electrical Energy Generated (MWH)	514,740	4,050,665	42,712,655
18. Net Electrical Energy Generated (MWH)	489,983	3,860,011	40,447,563
19. Unit Service Factor	100	97.7	69.3
20. Unit Availability Factor	100	97.7	69.4
21. Unit Capacity Factor (Using MDC Net)	98.9	101.2	66.5
22. Unit Capacity Factor (Using DER Net)	95.0	95.5	62.0
23. Unit Forced Outage Rate	0	1.8	5.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling, October 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):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1983

DOCKET NO. 50-250
 UNIT NAME Turkey Point 3
 DATE 9-15-83
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

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
									No unit shutdowns or significant power reductions.

¹
 F: Forced
 S: Scheduled

(9/77)

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

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 September 15, 1983
COMPLETED BY P. L. Pace
TELEPHONE (305) 552-3654

REPORT MONTH August 1983

Unit 3 operated at essentially full power for the entire month.

Major safety related maintenance activities included:

A primary sample valve was replaced.

A boric acid transfer pump was repaired.

The charging pumps were overhauled.

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 Unit 4

DATE 9-15-83

COMPLETED BY N. W. Grant

TELEPHONE (305) 552-3675

MONTH August 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>662</u>	17	<u>---</u>
2	<u>665</u>	18	<u>---</u>
3	<u>82</u>	19	<u>---</u>
4	<u>657</u>	20	<u>---</u>
5	<u>668</u>	21	<u>105</u>
6	<u>494</u>	22	<u>584</u>
7	<u>---</u>	23	<u>666</u>
8	<u>---</u>	24	<u>669</u>
9	<u>---</u>	25	<u>668</u>
10	<u>---</u>	26	<u>670</u>
11	<u>---</u>	27	<u>670</u>
12	<u>---</u>	28	<u>597</u>
13	<u>---</u>	29	<u>668</u>
14	<u>---</u>	30	<u>669</u>
15	<u>---</u>	31	<u>667</u>
16	<u>---</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. 50-251
DATE 9-15-83
COMPLETED BY N. W. Grant
TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point #4
2. Reporting Period: August 1983
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): 700
7. Maximum Dependable Capacity (Net MWe): 666
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 as noted 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	5,831	87,864
12. Number Of Hours Reactor Was Critical	389.7	2,237	62,092.3
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	373.7	2,043.8	59,939.8
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	786,125	4,281,256	126,199,500
17. Gross Electrical Energy Generated (MWH)	249,769	1,353,149	40,128,661
18. Net Electrical Energy Generated (MWH)	232,928	1,274,966	38,000,139
19. Unit Service Factor	50.2	35.1	68.2
20. Unit Availability Factor	50.2	35.1	68.3
21. Unit Capacity Factor (Using MDC Net)	47.0	33.4	66.9
22. Unit Capacity Factor (Using DER Net)	45.2	31.6	62.4
23. Unit Forced Outage Rate	6.1	7.4	4.0
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

DOCKET NO. 50-251
 UNIT NAME Turkey Point 4
 DATE 9-15-83
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

REPORT MONTH August 1983

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
	830803	F	19.0	A	3		CH	PUMPXX	Unit tripped following a trip of a condensate pump. The pump was repaired and the unit returned to service.
	830806	F	0	A	5		RB	CONROD	Power reduced due to a dropped rod.
	830806	S	346.3	B	1		XX	XXXXXX	Unit removed from service for repairs of primary and secondary systems.
	830821	F	4.0	H	2		HA	TURBIN	Unit manually tripped following spurious loss of load indication
	830828	F	1.1	A	3		EB	ELECON	Unit tripped as a result of an inverter malfunction. Unit returned to service.

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

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>50-251</u>
UNIT	<u>Turkey Point 4</u>
DATE	<u>September 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH August 1983

Unit 4 operated at power except as noted in the Unit Shutdowns Report.

Other major safety related maintenance activities included:

A DC static inverter was replaced.

A control rod that had dropped was recovered.

An incore detector was replaced.

Two charging pumps were overhauled.

A motor operated pressurizer control valve was overhauled.

A process radiation monitor and an area radiation monitor were repaired.

A rod position indication indicator was replaced.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
 UNIT St. Lucie Unit 1
 DATE 9-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

MONTH August 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	---	17	---
2	---	18	---
3	---	19	---
4	---	20	---
5	---	21	---
6	---	22	---
7	---	23	---
8	---	24	---
9	---	25	---
10	---	26	---
11	---	27	---
12	---	28	---
13	---	29	---
14	---	30	---
15	---	31	---
16	---		

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 9-15-83
COMPLETED BY N. W. Grant
TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #1
2. Reporting Period: August 1983
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): 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 remained out of service for 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	5,831	58,679
12. Number Of Hours Reactor Was Critical	0	1,366.9	44,466.1
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	0	1,350.9	43,576.2
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	0	3,352,422	108,667,938
17. Gross Electrical Energy Generated (MWH)	0	1,160,280	35,373,875
18. Net Electrical Energy Generated (MWH)	-3,764	1,082,705	33,346,896
19. Unit Service Factor	0	23.2	74.2
20. Unit Availability Factor	0	23.2	74.3
21. Unit Capacity Factor (Using MDC Net)	0	22.7	72.3
22. Unit Capacity Factor (Using DER Net)	0	22.4	70.3
23. Unit Forced Outage Rate	0	1.1	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: November 19, 1983

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND FOWER REDUCTIONS

REPORT MONTH August 1983

DOCKET NO. 50-335
 UNIT NAME St. Lucie #1
 DATE 9-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

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
3	830226	S	744	C	4		RC	FUELXX	Unit 1 remaining out of service for refueling and scheduled maintenance.

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

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

⁵ Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit 1</u>
DATE	<u>September 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH August 1983

St. Lucie Unit 1 remained out of service for a refueling and maintenance outage.

Major safety related maintenance included:

A 120-140VDC battery was replaced.

An area radiation monitor power supply was replaced.

A volume control tank valve was repaired.

A containment spray control valve indication was repaired.

Inspections and requirements of IE Bulletin 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.

See correspondence between FPL and NRC for information concerning the thermal shield.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389

UNIT St. Lucie Unit 2

DATE 9-15-83

COMPLETED BY N. W. Grant

TELEPHONE (305)552-3675

MONTH August 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>777</u>
2	<u>802</u>
3	<u>740</u>
4	<u>10</u>
5	<u>777</u>
6	<u>808</u>
7	<u>811</u>
8	<u>805</u>
9	<u>804</u>
10	<u>808</u>
11	<u>809</u>
12	<u>814</u>
13	<u>814</u>
14	<u>815</u>
15	<u>808</u>
16	<u>810</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>811</u>
18	<u>811</u>
19	<u>810</u>
20	<u>810</u>
21	<u>811</u>
22	<u>804</u>
23	<u>808</u>
24	<u>806</u>
25	<u>809</u>
26	<u>812</u>
27	<u>808</u>
28	<u>808</u>
29	<u>805</u>
30	<u>813</u>
31	<u>815</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1983

DOCKET NO. 50-389
 UNIT NAME St. Lucie 2
 DATE 9-15-83
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

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
NA*	830803	F	11.1	A	1		CB	PUMPXX	Unit removed from service to investigate and repair oil leakage from a reactor coolant pump.
NA*	830804	F	8.9	H	1		ID	INSTRU	Unit removed from service while returning to power due to axial shape index limits.
*unit not commercial until 8-8-83									

¹
 F: Forced
 S: Scheduled

(9/77)

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

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SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-389</u>
UNIT	<u>St. Lucie Unit 2</u>
DATE	<u>September 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH August 1983

Unit 2 declared commercial August 8, 1983.

See the Unit Shutdowns and Power Reductions report for details on unit outages.

Major safety related maintenance included:

A reactor incore instrumentation amplifier was replaced.

An area radiation monitor was repaired.

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 PORV or safety valves during the report month.

OPERATING DATA REPORT

DOCKET NO. 50-389
 DATE 9-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #2
2. Reporting Period: August 1983
3. Licensed Thermal Power (MWt): 2,560
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 commenced commercial operation on August 8, 1983.

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	<u>744</u>	<u>576</u>	<u>576</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>576</u>	<u>576</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>724.0</u>	<u>576.0</u>	<u>576.0</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,837,085</u>	<u>1,473,160</u>	<u>1,473,160</u>
17. Gross Electrical Energy Generated (MWH)	<u>612,590</u>	<u>491,990</u>	<u>491,990</u>
18. Net Electrical Energy Generated (MWH)	<u>579,657</u>	<u>466,280</u>	<u>466,280</u>
19. Unit Service Factor	<u>97.3</u>	<u>100.0</u>	<u>100.0</u>
20. Unit Availability Factor	<u>97.3</u>	<u>100.0</u>	<u>100.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.1</u>	<u>103.0</u>	<u>103.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.9</u>	<u>100.7</u>	<u>100.7</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>0</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>5-27-83</u>	<u>6-2-83</u>
INITIAL ELECTRICITY	<u>6 -83</u>	<u>6-13-83</u>
COMMERCIAL OPERATION	<u>Late July 1983</u>	<u>8-8-83</u>

*These columns contain data from date of commercial operation only.



September 15, 1983
PNS-LI-83-611

Director, Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Attached are the August 1983 Operating Status Reports and Operating Summary Reports for Turkey Point Units No. 3 and 4 and St. Lucie Units No. 1 and 2.

Very truly yours,

for J. W. Williams, Jr.
J. W. Williams, Jr.
Vice President
Nuclear Energy

JWW/NWG/js

Attachment

cc: J. P. O'Reilly, Region II

IE24
1/1