

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE 3-15-84

COMPLETED BY N.W. Grant

TELEPHONE (305) 552-3675

MONTH February, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	685
2	684
3	679
4	680
5	682
6	684
7	688
8	690
9	689
10	688
11	687
12	177
13	601
14	680
15	679
16	255

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	-
18	-
19	-
20	-
21	-
22	-
23	-
24	263
25	687
26	688
27	555
28	-
29	-
30	
31	

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)

8403300185 840315
PDR ADOCK 05000250
R PDR

OPERATING DATA REPORT

DOCKET NO. 50-250
DATE 3-15-84
COMPLETED BY N.W. Grant
TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name Turkey Point Unit #3
2. Reporting Period: February, 1984
3. Licensed Thermal Power (MWt): 2,200
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 power except as indicated 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	<u>696</u>	<u>1,440</u>	<u>98,505.6</u>
12. Number Of Hours Reactor Was Critical	<u>446.1</u>	<u>1,049.2</u>	<u>67,355.4</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>844.4</u>
14. Hours Generator On-Line	<u>432.5</u>	<u>976.7</u>	<u>66,898.6</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>121.8</u>
16. Gross Thermal Energy Generated (MWH)	<u>943,756</u>	<u>1,992,922</u>	<u>137,481,514</u>
17. Gross Electrical Energy Generated (MWH)	<u>306,200</u>	<u>640,265</u>	<u>43,850,830</u>
18. Net Electrical Energy Generated (MWH)	<u>287,728</u>	<u>600,816</u>	<u>41,513,833</u>
19. Unit Service Factor	<u>62.1</u>	<u>67.8</u>	<u>67.9</u>
20. Unit Availability Factor	<u>62.1</u>	<u>67.8</u>	<u>68.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>62.1</u>	<u>62.6</u>	<u>65.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>59.7</u>	<u>60.2</u>	<u>60.8</u>
23. Unit Forced Outage Rate	<u>37.9</u>	<u>22.9</u>	<u>5.7</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: March 3, 1984 (actual)
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1984

DOCKET NO. 50-250
 UNIT NAME Turkey Point Unit #3
 DATE 3-15-84
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

	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
08	840212	F	18.4	A	3	250-84-06	EB	RELAYX	Electrical relay malfunction caused loss of power supply to main feed pump which resulted in a reactor trip. Unit was returned to service.
09	840216	F	195.2	A	3	250-84-07	EB	RELAYX	While preparing to make repairs to a breaker, a relay was jarred which caused the loss of the power supplies to feed and condensate pumps. This resulted in a reactor trip. The unit remained out of service for a complete investigation.
10	840227	F	49.9	A	1		EB	RELAYX	The unit was removed from service to inspect, adjust and repair auxillary power air circuit breakers.

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 Unit #3
DATE	March 15, 1984
COMPLETED BY	N.W. Grant
TELEPHONE	(305) 552-3675

REPORT MONTH February, 1984

Unit #3 operated at essentially full power except as indicated in the "Unit Shutdowns and Power Reduction" Report.

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 3-15-84
COMPLETED BY N.W. Grant
TELEPHONE (305) 552-3675

MONTH February, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	686
2	688
3	684
4	681
5	683
6	685
7	689
8	689
9	690
10	685
11	685
12	264
13	88
14	674
15	675
16	251

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	-
18	-
19	-
20	-
21	-
22	-
23	-
24	598
25	685
26	684
27	532
28	-
29	-
30	
31	

INSTRUCTIONS

On this format, list the average daily unit power level in M We-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-251
 DATE 3-15-84
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point Unit #4
2. Reporting Period: February, 1984
3. Licensed Thermal Power (MWt): 2,200
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 power except as indicated 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	696	1,440	92,233
12. Number Of Hours Reactor Was Critical	472.0	1,201.1	65,839.7
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	434.3	1,157.9	63,626.0
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	931,821	2,522,918	134,269,659
17. Gross Electrical Energy Generated (MWH)	303,040	821,410	42,742,712
18. Net Electrical Energy Generated (MWH)	283,309	777,469	40,481,528
19. Unit Service Factor	62.4	80.4	69.0
20. Unit Availability Factor	62.4	80.4	69.0
21. Unit Capacity Factor (Using MDC Net)	61.1	81.1	67.8
22. Unit Capacity Factor (Using DER Net)	58.7	77.9	63.3
23. Unit Forced Outage Rate	37.6	19.6	4.7

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: April 30, 1984

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1984DOCKET NO. 50-251UNIT NAME Turkey Point Unit #4DATE 3-15-84COMPLETED BY N.W. GrantTELEPHONE (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
02	840212	F	8.4	A	1	251-84-01	EB	RELAYX	Electrical relay malfunction caused loss of power supply to main feed pump which resulted in a reactor trip. Unit was returned to service.
03	840212	F	19.4	A	3	251-84-02	EB	RELAYX	High steam flow signal and an actual steam generator low level resulted in a reactor trip. The malfunctioning transmitter was replaced. Unit was returned to service.
04	840216	F	182.7	A	3	251-84-03	EB	RELAYX	While preparing to make repairs to a breaker, a relay was jarred which caused the loss of the power supplies to feed and condensate pumps. This resulted in a reactor trip. The unit remained out of service for a complete investigation.
05	840227	F	51.2	A	1		EB	RELAYX	The unit was removed from service to inspect, adjust and repair auxillary power air circuit breakers.

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 Unit #4</u>
DATE	<u>March 15, 1984</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH February, 1984

Unit 4 operated at essentially full power except as indicated in the "Unit Shutdowns and Power Reductions" Report.

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

Florida Power & Light Company commitments to 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 3-15-84
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

MONTH February, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-
2	-
3	-
4	-
5	-
6	-
7	-
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	-
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.

OPERATING DATA REPORT

DOCKET NO. 50-335
 DATE 3-15-84
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #1
2. Reporting Period: February, 1984
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	696	1440	63,048
12. Number Of Hours Reactor Was Critical	0	0	44,466.1
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	0	0	43,576.2
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	0	0	108,667,938
17. Gross Electrical Energy Generated (MWH)	0	0	35,373,875
18. Net Electrical Energy Generated (MWH)	-2,759	-5,486	33,328,787
19. Unit Service Factor	0	0	69.1
20. Unit Availability Factor	0	0	69.2
21. Unit Capacity Factor (Using MDC Net)	0	0	67.0
22. Unit Capacity Factor (Using DER Net)	0	0	65.3
23. Unit Forced Outage Rate	0	0	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: Spring, 1984
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1984

DOCKET NO. 50-335
 UNIT NAME St. Lucie Unit #1
 DATE 3-15-84
 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	696.0	C	4		RC	FUELXX	Unit #1 remained out of service for refueling and scheduled maintenance.

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.	50-335
UNIT	St. Lucie Unit 1
DATE	March 15, 1984
COMPLETED BY	N.W. Grant
TELEPHONE	(305) 552-3675

REPORT MONTH February, 1984

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

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 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 3-15-84
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

MONTH February, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	819
2	816
3	818
4	818
5	817
6	809
7	766
8	819
9	352
10	516
11	816
12	817
13	819
14	818
15	789
16	815

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	815
18	816
19	815
20	814
21	814
22	813
23	816
24	816
25	817
26	817
27	817
28	817
29	818
30	
31	

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. 50-389
 DATE 3-15-84
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #2
2. Reporting Period: February, 1984
3. Licensed Thermal Power (MWt): 2,500
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 operated at essentially full power except as indicated in the "Unit Shutdown 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	696	1,440	4,945
12. Number Of Hours Reactor Was Critical	687.5	1,421.4	4,648.4
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	684.5	1,285.6	4,416.0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,721,996	3,197,631	10,855,575
17. Gross Electrical Energy Generated (MWH)	578,830	1,075,530	3,618,750
18. Net Electrical Energy Generated (MWH)	547,789	1,013,681	3,411,267
19. Unit Service Factor	98.3	89.3	89.3
20. Unit Availability Factor	98.3	89.3	89.3
21. Unit Capacity Factor (Using MDC Net)	100.1	89.6	87.8
22. Unit Capacity Factor (Using DER Net)	97.9	87.6	85.8
23. Unit Forced Outage Rate	1.7	8.8	10.2
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 February, 1984

DOCKET NO. 50-389
 UNIT NAME St. Lucie Unit #2
 DATE 3-15-84
 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
06	840209	F	11.5	A	3	389-84-04	HH	PUMPXX	Main feedwater pump tripped due to low suction pressure, resulting in reactor trip. A vent problem with the condensate pumps was the cause. The design is being changed to prevent recurrence.
07	840209	F	0.0	H	5		HH	ZZZZZ	High steam generator chloride level caused power reduction.

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>50-389</u>
UNIT	<u>St. Lucie Unit #2</u>
DATE	<u>March 15, 1984</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH February, 1984

Unit 2 operated at essentially full power except as indicated in the "Unit Shutdowns and Power Reductions" Report.

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.