

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point Unit 3

DATE 9-17-84

COMPLETED BY N.W. Grant

TELEPHONE (305) 552-3675

MONTH August 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	665
2	668
3	672
4	679
5	671
6	663
7	660
8	657
9	661
10	664
11	665
12	664
13	662
14	662
15	663
16	664

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	666
18	662
19	666
20	666
21	667
22	345
23	177
24	655
25	662
26	662
27	401
28	667
29	594
30	435
31	661

## 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.

B410120157 840831  
PDR ADOCK 05000250  
R PDR

(9/77)

IE24  
1/1

# OPERATING DATA REPORT

DOCKET NO. 50-250  
 DATE 9-17-84  
 COMPLETED BY N.W. Grant  
 TELEPHONE (305) 552-3675

## OPERATING STATUS

1. Unit Name: Turkey Point Unit #3
2. Reporting Period: August 1984
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 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	744	5,855	102,920.6
12. Number Of Hours Reactor Was Critical	729.6	4,893.3	71,199.5
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	725.5	4,783.8	70,705.8
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	1,535,986	10,249,479	145,738,071
17. Gross Electrical Energy Generated (MWH)	487,535	3,294,300	46,504,865
18. Net Electrical Energy Generated (MWH)	462,803	3,120,444	44,033,441
19. Unit Service Factor	97.5	81.7	68.7
20. Unit Availability Factor	97.5	81.7	68.8
21. Unit Capacity Factor (Using MDC Net)	93.4	80.0	66.0
22. Unit Capacity Factor (Using DER Net)	89.8	76.9	61.8
23. Unit Forced Outage Rate	2.5	14.2	6.0
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

REPORT MONTH August 1984

DOCKET NO. 50-250

UNIT NAME Turkey Point Unit #3

DATE 9-17-84

COMPLETED BY N.W. Grant

TELEPHONE (305) 552-3675

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
15	840822	F	0.0	A	5		RB	CONROD	A shutdown bank control rod dropped due to a blown fuse which caused a turbine runback.
16	840822	F	18.6	A	1	250-84-23	RB	CONROD	The unit was shutdown to repair a loose cable which caused control rod fuse to blow. The unit was returned to power operation.
17	840827	F	0.0	A	5		HB	PIPEXX	A cracked weld on a steam generator feed pump drain line required a power reduction to repair.
18	840829	F	0.0	A	5		HB	PIPEXX	A further power reduction was required to repair above drain line.

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<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 Licensor  
Event Report (LER) File (NUREG-  
0161)

<sup>5</sup>  
Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-250</u>
UNIT	<u>Turkey Point Unit #3</u>
DATE	<u>September 17, 1984</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH August 1984

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

Inspection 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 9-17-84  
 COMPLETED BY N.W. Grant  
 TELEPHONE (305) 552-3675

MONTH August 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	666
2	663
3	667
4	672
5	663
6	658
7	266
8	---
9	---
10	---
11	---
12	295
13	652
14	626
15	658
16	659

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	657
18	651
19	655
20	659
21	659
22	660
23	658
24	652
25	650
26	647
27	649
28	655
29	664
30	659
31	659

## 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 9-17-84  
 COMPLETED BY N.W. Grant  
 TELEPHONE (305)552-3675

## OPERATING STATUS

1. Unit Name: Turkey Point Unit #4
2. Reporting Period: August 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	744	5,855	96,652
12. Number Of Hours Reactor Was Critical	630	3,148.2	67,786.8
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	625.5	2,977.7	65,445.8
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	1,357,861	6,544,891	138,291,632
17. Gross Electrical Energy Generated (MWH)	429,075	2,021,830	43,943,132
18. Net Electrical Energy Generated (MWH)	405,672	1,902,597	41,606,656
19. Unit Service Factor	84.1	50.9	67.7
20. Unit Availability Factor	84.1	50.9	67.7
21. Unit Capacity Factor (Using MDC Net)	81.9	48.8	66.4
22. Unit Capacity Factor (Using DER Net)	78.7	46.9	62.1
23. Unit Forced Outage Rate	15.9	22.1	5.4
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

REPORT MONTH August 1984

DOCKET NO. 50-251  
 UNIT NAME Turkey Point Unit #4  
 DATE 9-17-84  
 COMPLETED BY N.W. Grant  
 TELEPHONE (305) 552-3675

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
19	840807	F	118.5	G	3	251-84-017	EB	RELAYX	Reactor trip caused by the loss of power to a feed pump and condensate pump due to an incorrect switching order which caused loss of a transformer. Power was restored and the unit returned to full power operation following verification of the moderator temperature coefficient.

<sup>1</sup>  
 F- Forced  
 S- Scheduled

<sup>2</sup>  
 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)

<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 Unit #4
DATE	September 17, 1984
COMPLETED BY	N.W. Grant
TELEPHONE	(305) 552-3675

REPORT MONTH August 1984

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

Inspections and requirements of IE Bulletin 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 9-17-84  
 COMPLETED BY N.W. Grant  
 TELEPHONE (305) 552-3675

MONTH August 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>854</u>
2	<u>856</u>
3	<u>856</u>
4	<u>859</u>
5	<u>859</u>
6	<u>859</u>
7	<u>858</u>
8	<u>848</u>
9	<u>852</u>
10	<u>854</u>
11	<u>854</u>
12	<u>852</u>
13	<u>851</u>
14	<u>851</u>
15	<u>850</u>
16	<u>845</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>845</u>
18	<u>846</u>
19	<u>854</u>
20	<u>854</u>
21	<u>855</u>
22	<u>852</u>
23	<u>273</u>
24	<u>687</u>
25	<u>847</u>
26	<u>845</u>
27	<u>843</u>
28	<u>843</u>
29	<u>844</u>
30	<u>844</u>
31	<u>42</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 9-17-84  
 COMPLETED BY N.W. Grant  
 TELEPHONE (305) 552-3675

## OPERATING STATUS

1. Unit Name: St. Lucie Unit #1
2. Reporting Period: August 1984
3. Licensed Thermal Power (MWt): 2,700
4. Nameplate Rating (Gross MWe): 893
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 operated at essentially full 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	744	5,855	67,463
12. Number Of Hours Reactor Was Critical	732.0	2,665.8	47,131.9
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	708.6	2,446.4	46,022.6
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWh)	1,882,130	6,299,266	114,967,204
17. Gross Electrical Energy Generated (MWh)	628,390	2,097,870	37,471,745
18. Net Electrical Energy Generated (MWh)	595,864	1,966,726	35,300,999
19. Unit Service Factor	95.2	41.8	68.2
20. Unit Availability Factor	95.2	41.8	68.3
21. Unit Capacity Factor (Using MDC Net)	97.4	40.9	66.1
22. Unit Capacity Factor (Using DER Net)	96.5	40.5	64.5
23. Unit Forced Outage Rate	4.8	5.1	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: \_\_\_\_\_

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

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1984

DOCKET NO. 50-335  
 UNIT NAME St. Lucie Unit #1  
 DATE 9-17-84  
 COMPLETED BY N.W. Grant  
 TELEPHONE (305)552-3675

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
08	840823	F	15.0	A	1	LER#335-84-007	IA	RELAYX	Reactor tripped during logic matrix surveillance due to logic matrix cabinet DC failure. The unit returned to power operation.
09	840823	F	.8	A	9		HA	INSTRU	The turbine tripped (without reactor trip due to low power level) due to anti-motoring differential switch malfunction. The Unit was returned to operation.
10	840831	F	19.6	H	1		HF	ZZZZZZ	Excessive number of jellyfish in intake canal prevented plant operation at power.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 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.	50-335
UNIT	St. Lucie Unit 1
DATE	September 17, 1984
COMPLETED BY	N.W. Grant
TELEPHONE	(305) 552-3675

REPORT MONTH August 1984

Unit #1 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.

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.

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389  
UNIT St. Lucie Unit 2  
DATE 9-17-84  
COMPLETED BY N.W. Grant  
TELEPHONE (305)552-3675

MONTH August 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>807</u>
2	<u>811</u>
3	<u>814</u>
4	<u>815</u>
5	<u>806</u>
6	<u>816</u>
7	<u>814</u>
8	<u>811</u>
9	<u>809</u>
10	<u>812</u>
11	<u>811</u>
12	<u>810</u>
13	<u>809</u>
14	<u>807</u>
15	<u>809</u>
16	<u>805</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>803</u>
18	<u>804</u>
19	<u>811</u>
20	<u>812</u>
21	<u>812</u>
22	<u>810</u>
23	<u>809</u>
24	<u>807</u>
25	<u>807</u>
26	<u>805</u>
27	<u>803</u>
28	<u>803</u>
29	<u>801</u>
30	<u>456</u>
31	<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. 50-389  
 DATE 9-17-84  
 COMPLETED BY N.W. Grant  
 TELEPHONE (305) 552-3675

## OPERATING STATUS

1. Unit Name: St. Lucie Unit #2
2. Reporting Period: August 1984
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 operated at essentially full power except as indicated in the "Unit Shutdowns and Power Reduction" 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	5,855	9,360
12. Number Of Hours Reactor Was Critical	710.6	5,803	9,030
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	709.9	5,666.5	8,796.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,817,081	14,381,775	22,039,719
17. Gross Electrical Energy Generated (MWH)	606,190	4,813,700	7,350,920
18. Net Electrical Energy Generated (MWH)	573,260	4,554,289	6,951,875
19. Unit Service Factor	95.4	96.8	94.0
20. Unit Availability Factor	95.4	96.8	94.0
21. Unit Capacity Factor (Using MDC Net)	98.0	99.0	94.5
22. Unit Capacity Factor (Using DER Net)	95.8	96.7	92.4
23. Unit Forced Outage Rate	3.6	2.6	5.6

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

Refueling, October 1984, 5 weeks

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 1984

DOCKET NO. 50-389  
 UNIT NAME St. Lucie Unit #2  
 DATE 9-17-85  
 COMPLETED BY N. W. Grant  
 TELEPHONE (305) 552-3675

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
06	840830	F	8.9	A	3	389-84-05	IB	RELAYX	A failed relay in the auxiliary feedwater actuation system resulted in a reactor trip. Return to power operation was delayed due to following events.
07	840830	<i>original being corrected</i> S	7.8	B	4		HF	FILTER	It was decided to extend the above outage to repair travelling screens which were damaged by excessive jellyfish. Return to power operation was delayed due to following event.
08	840831	F	17.4	H	4		HF	ZZZZZZ	Excessive jellyfish in intake canal prevented plant operation.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<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.	50-389
UNIT	St. Lucie Unit #2
DATE	September 17, 1984
COMPLETED BY	N.W. Grant
TELEPHONE	(305) 552-3675

REPORT MONTH August 1984

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

Inspections and Requirements of IE Bulletins and NUREG-0747 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.



September 18, 1984  
PNS-LI-84-329

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

Dear Sir:

Attached are the August 1984 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,

A handwritten signature in dark ink, appearing to read "J. Williams, Jr.", with a stylized flourish at the end.

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

JWW/NWG/js

Attachment

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

IE24  
1/