

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point
Unit 3
 DATE 10/15/84
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

MONTH September 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	657
2	658
3	658
4	661
5	660
6	659
7	664
8	667
9	666
10	662
11	660
12	658
13	663
14	655
15	655
16	659

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	656
18	664
19	668
20	675
21	677
22	672
23	673
24	674
25	679
26	682
27	686
28	686
29	681
30	673
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.

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OPERATING DATA REPORT

DOCKET NO 50-250
 DATE 10/15/84
 COMPLETED BY N. W. Grant
 TELEPHONE (305)552-3675

OPERATING STATUS

1. Unit Name: Turkey Point Unit 3
2. Reporting Period: September 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 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	720	6,575	103,640.6
12. Number Of Hours Reactor Was Critical	720	5,613.3	71,919.5
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	720	5,503.8	71,425.8
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	1,562,568	11,812,047	147,300,639
17. Gross Electrical Energy Generated (MWH)	504,485	3,798,785	47,009,350
18. Net Electrical Energy Generated (MWH)	480,213	3,600,657	44,513,654
19. Unit Service Factor	100.0	83.7	68.9
20. Unit Availability Factor	100.0	83.7	69.0
21. Unit Capacity Factor (Using MDC Net)	100.1	82.2	66.3
22. Unit Capacity Factor (Using DER Net)	96.2	79.0	62.0
23. Unit Forced Outage Rate	0	12.6	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):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250
UNIT NAME Turkey Point Unit 3
DATE 10/15/84
COMPLETED BY N. W. Grant
TELEPHONE (305) 552-3675

REPORT MONTH September 1984

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
									Unit 3 had no "Shutdowns or Power Reductions".

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. 50-250
UNIT Turkey Point Unit 3
DATE October 15, 1984
COMPLETED BY N. W. Grant
TELEPHONE (305) 552-3675

REPORT MONTH September 1984

Unit 3 operated at essentially full power.

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 10/15/84
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

MONTH September 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	663
2	663
3	665
4	667
5	668
6	666
7	670
8	675
9	674
10	669
11	666
12	669
13	672
14	665
15	668
16	668

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	668
18	670
19	676
20	497
21	265
22	322
23	391
24	672
25	680
26	681
27	683
28	541
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.

OPERATING DATA REPORT

DOCKET NO. 50-251
DATE 10/15/84
COMPLETED BY N. W. Grant
TELEPHONE (305)552-3675

OPERATING STATUS

1. Unit Name: Turkey Point Unit 4
2. Reporting Period: September 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 4 operated at full power except as indicated in the "Unit Shutdowns & 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	720	6,575	97,372
12. Number Of Hours Reactor Was Critical	658.5	3,806.7	68,445.3
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	655.3	3,633.0	66,101.1
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	1,369,268	7,914,159	139,660,900
17. Gross Electrical Energy Generated (MWH)	440,655	2,462,485	44,383,787
18. Net Electrical Energy Generated (MWH)	417,936	2,320,533	42,024,592
19. Unit Service Factor	91.0	55.3	67.9
20. Unit Availability Factor	91.0	55.3	67.9
21. Unit Capacity Factor (Using MDC Net)	87.2	53.0	66.6
22. Unit Capacity Factor (Using DER Net)	83.8	50.9	62.3
23. Unit Forced Outage Rate	1.9	19.1	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):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251
UNIT NAME Turkey Point Unit #4
DATE 10-15-84
COMPLETED BY N.W. Grant
TELEPHONE (305) 552-3675

REPORT MONTH September, 1984

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
20	840920	F	12.9	A	3	251-84-21	EB	GENERA	Reactor trip as a result of steam flow-feed flow mismatch and low steam generator level following a turbine runback. The runback resulted from a blown fuse in an inverter, which gave a dropped rod signal. The fuse was replaced and the unit returned to power, although full power operation was delayed due to secondary chemistry conditions and MTC verification.
21	840928	S	51.8	B	1		CB	VALVEX	Unit 4 removed from power operation to repair leakage to the pressurizer relief tank.

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>October 15, 1984</u>
COMPLETED BY	<u>N. W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH September 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 10/15/84
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

MONTH September 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	---
2	---
3	77
4	---
5	---
6	---
7	98
8	562
9	762
10	848
11	850
12	844
13	805
14	249
15	707
16	796

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	794
18	796
19	841
20	845
21	846
22	847
23	847
24	846
25	844
26	844
27	848
28	850
29	848
30	835
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. 50-335
DATE 10/15/84
COMPLETED BY N. W. Grant
TELEPHONE (305)552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit 1
2. Reporting Period: September 1984
3. Licensed Thermal Power (MWt): 2700
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 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	720	6,575	68,183
12. Number Of Hours Reactor Was Critical	711.7	3,377.5	47,843.6
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	555.9	3,002.3	46,578.5
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	1,415,580	7,714,846	116,382,784
17. Gross Electrical Energy Generated (MWH)	465,310	2,563,180	37,937,055
18. Net Electrical Energy Generated (MWH)	436,781	2,403,507	35,737,780
19. Unit Service Factor	77.2	45.7	68.3
20. Unit Availability Factor	77.2	45.7	68.4
21. Unit Capacity Factor (Using MDC Net)	73.8	44.5	66.2
22. Unit Capacity Factor (Using DER Net)	73.1	44.0	64.6
23. Unit Forced Outage Rate	22.8	9.0	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: _____

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-335
UNIT NAME St. Lucie Unit #1
DATE 10-15-84
COMPLETED BY N.W. Grant
TELEPHONE (305) 552-3675

REPORT MONTH September, 1984

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
10	840831	F	54.8	H	4		HF	ZZZZZZ	Excessive jellyfish in intake canal prevented plant operation at power. Turbine generator vibrations required reduced power when the unit was returned to operation.
11	840903	F	96.1	H	4		HF	ZZZZZZ	The unit was removed from power operation to balance the turbine and then kept shutdown due to excessive jellyfish in intake.
12	840914	F	13.0	H	H		HF	ZZZZZZ	Excessive jellyfish in intake canal prevented plant operation at power. The unit returned to operation at reduced power initially to repair travelling screens.

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

REPORT MONTH September 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 10/15/84
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

MONTH September 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	---
2	---
3	---
4	---
5	---
6	---
7	---
8	---
9	92
10	680
11	722
12	685
13	685
14	601
15	664
16	707

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	780
18	743
19	707
20	796
21	799
22	800
23	800
24	768
25	775
26	804
27	804
28	804
29	801
30	801
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 10/15/84
COMPLETED BY N.W. GRANT
TELEPHONE (305)552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit 2
2. Reporting Period: September 1984
3. Licensed Thermal Power (MWt): 2560
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 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	720	6,575	10,080
12. Number Of Hours Reactor Was Critical	577.9	6,380.9	9,607.9
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	513.2	6,179.7	9,310.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,242,195	15,623,970	23,281,914
17. Gross Electrical Energy Generated (MWH)	402,980	5,216,680	7,759,900
18. Net Electrical Energy Generated (MWH)	375,570	4,929,859	7,327,445
19. Unit Service Factor	71.3	94.0	92.4
20. Unit Availability Factor	71.3	94.0	92.4
21. Unit Capacity Factor (Using MDC Net)	66.4	95.4	92.5
22. Unit Capacity Factor (Using DER Net)	64.9	93.3	90.4
23. Unit Forced Outage Rate	19.2	4.2	6.5

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

Refueling, October 13, 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

DOCKET NO. 50-389
UNIT NAME St. Lucie-Unit 2
DATE 10-15-84
COMPLETED BY N.W. Grant
TELEPHONE (305) 552-3675

REPORT MONTH September, 1984

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
08	840831	F	121.9	H	4		HF	ZZZZZZ	Excessive jellyfish in intake canal prevented plant operation
09	840906	S	84.9	B	4		HH	ZZZZZZ	The above outage was continued to perform maintenance on the secondary system. The unit returned to operation initially at reduced load due to secondary chemistry requirements and turbine controls.
10	840914	F	0.0	H	5		HF	ZZZZZZ	Power was reduced for about 3 hours due to excessive jellyfish in intake canal.

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

REPORT MONTH September 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-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.



October 15, 1984
PNS-LI-84-359

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

Dear Sir:

Attached are the September 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,

for *Woolby*
J. W. Williams, Jr.
Group Vice President
Nuclear Energy

JWW/NWG/js

Attachment

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

IE24
1/1