AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
UNIT Turkey Point Unit #3
DATE 1/15/85
COMPLETED BY N.W. Grant
TELEPHONE (305)552-3675

MONTH December, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	683	17	---
2	682	18	---
3	673	19	---
4	675	20	---
5	674	21	---
6	672	22	---
7	681	23	---
8	697	24	---
9	697	25	---
10	696	26	---
11	696	27	---
12	694	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.

(9/77)

IE24
1/1

OPERATING DATA REPORT

DOCKET NO 50-250
DATE 1/15/85
COMPLETED BY N. W. Grant
TELEPHONE (305)552-3675

OPERATING STATUS

1. Unit Name: Turkey Point Unit #3
2. Reporting Period: December, 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
See 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	8784	105849.6
12. Number Of Hours Reactor Was Critical	288.3	7366.6	73672.8
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	288.3	7257.1	73179.1
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	632365	15640919	151129511
17. Gross Electrical Energy Generated (MWH)	207160	5045130	48255695
18. Net Electrical Energy Generated (MWH)	193577	4784209	45697206
19. Unit Service Factor	38.8	82.6	69.1
20. Unit Availability Factor	38.8	82.6	69.3
21. Unit Capacity Factor (Using MDC Net)	39.1	81.8	66.6
22. Unit Capacity Factor (Using DER Net)	37.5	78.6	62.3
23. Unit Forced Outage Rate	61.3	14.7	6.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling March 30, 1985, 11 weeks

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		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250
UNIT NAME Turkey Point Unit #3
DATE 1/15/85
COMPLETED BY N. W. Grant
TELEPHONE (305) 552-3675

REPORT MONTH December, 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
19	84 12 13	F	455.7	A	3	250-84-33	HA	GENERA	A short to ground in the Unit #3 generator exciter caused a turbine trip which resulted in a reactor trip. The exciter was replaced.

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

(9/77)

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250

UNIT Turkey Point Unit #3

DATE January 15, 1985

COMPLETED BY N. W. Grant

TELEPHONE (305) 552-3675

REPORT MONTH December, 1984

See the Unit Shutdowns and Power Reductions Report.

Inspection and requirements of IE Bulletins and NUREG 0737 are continuing.

Florida Power & Light Company commitments for NUREG-0373 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 1/15/85
COMPLETED BY N. W. Grant
TELEPHONE (305)552-3675

MONTH December, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	---	17	688
2	---	18	687
3	---	19	689
4	385	20	688
5	676	21	686
6	677	22	685
7	684	23	685
8	693	24	686
9	692	25	684
10	693	26	683
11	693	27	684
12	693	28	685
13	687	29	686
14	685	30	685
15	688	31	684
16	687		

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)

OPERATING DATA REPORT

DOCKET NO 50-251
DATE 1/15/85
COMPLETED BY N. W. Grant
TELEPHONE (305)552-3675

OPERATING STATUS

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

See 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	8784	99581
12. Number Of Hours Reactor Was Critical	669.1	5079.8	69718.4
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	663.4	4772.1	67240.2
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	1449439	10383365	142130106
17. Gross Electrical Energy Generated (MWH)	476055	3271095	45192397
18. Net Electrical Energy Generated (MWH)	452898	3079222	42783281
19. Unit Service Factor	89.2	54.3	67.5
20. Unit Availability Factor	89.2	54.3	67.6
21. Unit Capacity Factor (Using MDC Net)	91.4	52.6	66.2
22. Unit Capacity Factor (Using DER Net)	87.8	50.6	62.0
23. Unit Forced Outage Rate	10.8	24.1	6.1

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: January 2, 1985 (actual)
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251
UNIT NAME Turkey Point Unit #4
DATE 1/15/85
COMPLETED BY N. W. Grant
TELEPHONE (305) 552-3675

REPORT MONTH December, 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
25	84 11 24	F	80.6	A	4	251-84-25	CB	CKTBKR	Reactor trip on low flow resulting from failed RCP breaker. Breaker repaired.

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

(9/77)

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-251

UNIT Turkey Point Unit #4

DATE January 15, 1985

COMPLETED BY N. W. Grant

TELEPHONE (305) 552-3675

REPORT MONTH December, 1984

Unit #4 operated at essentially full power except as noted on Unit Shutdown Report.

Inspection 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 1/15/85
COMPLETED BY N. W. Grant
TELEPHONE (305)552-3675

MONTH December, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	852	17	853
2	851	18	855
3	850	19	357
4	850	20	---
5	851	21	155
6	850	22	780
7	854	23	796
8	857	24	843
9	855	25	844
10	856	26	838
11	853	27	834
12	854	28	844
13	854	29	845
14	853	30	846
15	853	31	816
16	853		

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)

OPERATING DATA REPORT

DOCKET NO 50-335
DATE 1/15/85
COMPLETED BY N. W. Grant
TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #1
2. Reporting Period: December, 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 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	8784	70392
12. Number Of Hours Reactor Was Critical	712.7	5555.2	49021.3
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	690.0	5157.3	48733.5
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	1834566	13469598	122137536
17 Gross Electrical Energy Generated (MWH)	611080	4484780	39858655
18. Net Electrical Energy Generated (MWH)	578937	4228075	37562348
19. Unit Service Factor	92.7	58.7	69.2
20. Unit Availability Factor	92.7	58.7	69.3
21. Unit Capacity Factor (Using MDC Net)	94.7	58.6	67.3
22. Unit Capacity Factor (Using DER Net)	93.8	58.0	65.7
23. Unit Forced Outage Rate	7.3	6.4	4.8

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		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1984

DOCKET NO. 50-335
UNIT NAME St. Lucie Unit #1
DATE 1/15/85
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
13	84 12 19	F	54.0	A	1	335-84-12	EB	RELAYX	A reactor trip resulted from a failed closed diesel generator relay. The relay was repaired and the VMT returned to Power operation.

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

(9/77)

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-335

UNIT St. Lucie Unit #1

DATE January 15, 1985

COMPLETED BY N. W. Grant

TELEPHONE (305) 552-3675

REPORT MONTH December, 1984

Unit #1 operated at essentially full power.

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 1/15/85
COMPLETED BY N. W. Grant
TELEPHONE (305)552-3675

MONTH December, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	807	17	819
2	814	18	740
3	810	19	36
4	809	20	---
5	393	21	---
6	---	22	---
7	344	23	---
8	703	24	---
9	820	25	---
10	813	26	---
11	820	27	21
12	820	28	468
13	821	29	754
14	820	30	815
15	819	31	817
16	819		

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)

OPERATING DATA REPORT

DOCKET NO 50-389
DATE 1/15/85
COMPLETED BY N. W. Grant
TELEPHONE (305)552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #2
2. Reporting Period: December, 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 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	8784	12289
12. Number Of Hours Reactor Was Critical	518.5	7379.2	10606.2
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	497.8	7070.2	10200.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1194289	17700621	25358565
17. Gross Electrical Energy Generated (MWH)	400580	5906480	8449700
18. Net Electrical Energy Generated (MWH)	374033	5564826	7962412
19. Unit Service Factor	66.9	80.5	83.0
20. Unit Availability Factor	66.9	80.5	83.0
21. Unit Capacity Factor (Using MDC Net)	64.0	80.6	82.4
22. Unit Capacity Factor (Using DER Net)	62.5	78.8	80.6
23. Unit Forced Outage Rate	29.3	8.0	8.9

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		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December, 1984

DOCKET NO. 50-389
UNIT NAME St. Lucie Unit #2
DATE 1/15/85
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
16	84 12 05	S	40.1	A	1		CP	PUMPXX	The unit was shutdown for the scheduled repair of a reactor coolant pump oil leak. Following repairs full power operation was delayed in order to comply with MTC requirements.
17	84 12 18	F	7.2	A	3	389-84-15	EB	RELAYX	The trip of a steam generator feed pump resulted in a reactor trip on low steam generator level.
18	84 12 19	F	198.9	A	1	389-84-16	EB	RELAYX	A reactor trip resulted from a turbine trip caused by low condenser vacuum. Outage extended to repair RCP seals and safety injection valves.
19	84 12 27	S	0.0	B	5		ZZ	ZZZZZZ	Full power operation delayed for secondary chemistry and MTC compliance.

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

(9/77)

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389

UNIT St. Lucie Unit #2

DATE January 15, 1985

COMPLETED BY N. W. Grant

TELEPHONE (305) 552-3675

REPORT MONTH December, 1984

See 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.

FLORIDA POWER & LIGHT COMPANY

January 15, 1985
L-85-24

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

Dear Sir:

Attached are the December 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 C. Woody
J. W. Williams, Jr.
Group Vice President
Nuclear Energy

JWW/NWG/cc

Attachment

cc: J. P. O'Reilly, Region II
Harold F. Reis, Esquire
PNS-LI-85-23

IE24
1/1

PEOPLE . . . SERVING PEOPLE