



August 15, 1983
PNS-LI-83-551

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

Dear Sir:

Attached are the July, 1983, Operating Status Reports and Operating Summary Reports for Turkey Point Units Nos. 3 and 4 and St. Lucie Units Nos. 1 and 2.

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. W. Williams, Jr.", followed by a large, stylized flourish or initial "R".

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

JWW/NWG/mpc

Attachment

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

50-25P

8309080172 830815
PDR ADOCK 05000250
R PDR

IE24
11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
UNIT Turkey Point Unit #3
DATE 8/15/83
COMPLETED BY N. W. Grant
TELEPHONE (305) 552-3675

MONTH July, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>667</u>
2	<u>670</u>
3	<u>669</u>
4	<u>671</u>
5	<u>670</u>
6	<u>667</u>
7	<u>669</u>
8	<u>672</u>
9	<u>675</u>
10	<u>674</u>
11	<u>673</u>
12	<u>673</u>
13	<u>676</u>
14	<u>676</u>
15	<u>674</u>
16	<u>671</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>671</u>
18	<u>665</u>
19	<u>663</u>
20	<u>666</u>
21	<u>668</u>
22	<u>665</u>
23	<u>664</u>
24	<u>660</u>
25	<u>656</u>
26	<u>655</u>
27	<u>655</u>
28	<u>662</u>
29	<u>662</u>
30	<u>613</u>
31	<u>486</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. 50-250
DATE 8/15/83
COMPLETED BY N. W. Grant
TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point Unit 3
2. Reporting Period: July, 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 except for a power reduction as discussed in the Unit Shutdown 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	5,087	93,392.6
12. Number Of Hours Reactor Was Critical	744.0	5,039.7	65,840
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	744.0	4,955.0	64,460.1
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	1,627,091	10,866,725	132,284,637
17. Gross Electrical Energy Generated (MWH)	516,160	3,535,925	42,197,915
18. Net Electrical Energy Generated (MWH)	491,484	3,370,028	39,957,580
19. Unit Service Factor	100.0	97.4	69.0
20. Unit Availability Factor	100.0	97.4	69.2
21. Unit Capacity Factor (Using MDC Net)	99.2	101.5	66.2
22. Unit Capacity Factor (Using DER Net)	95.3	95.6	61.7
23. Unit Forced Outage Rate	0	2.1	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 July, 1983

DOCKET NO. 50-250
 UNIT NAME Turkey Point #3
 DATE 8/15/83
 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
8	830730	F	0.0	A	5		HA	HTEXCH	Power was reduced for repairs to the turbine cooling water heat exchanger. The unit then returned to full power.

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.	<u>50-250</u>
UNIT	<u>Turkey Point 3</u>
DATE	<u>August 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH July, 1983

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

Major safety related maintenance activities included:

An area radiation monitor detector was replaced.

A leak on a charging system valve weld was repaired.

The B charging pump was overhauled and all valves replaced.

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 8/15/83
COMPLETED BY N. W. Grant
TELEPHONE (305) 552-3675

MONTH July, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>665</u>
2	<u>665</u>
3	<u>667</u>
4	<u>668</u>
5	<u>379</u>
6	<u>664</u>
7	<u>667</u>
8	<u>675</u>
9	<u>677</u>
10	<u>677</u>
11	<u>671</u>
12	<u>674</u>
13	<u>677</u>
14	<u>667</u>
15	<u>653</u>
16	<u>652</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>652</u>
18	<u>655</u>
19	<u>662</u>
20	<u>666</u>
21	<u>665</u>
22	<u>664</u>
23	<u>666</u>
24	<u>653</u>
25	<u>658</u>
26	<u>657</u>
27	<u>660</u>
28	<u>667</u>
29	<u>667</u>
30	<u>667</u>
31	<u>668</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 8/15/83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point 4
2. Reporting Period: July, 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	5,087	87,120
12. Number Of Hours Reactor Was Critical	740.0	1,847.3	61,702.6
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	736.9	1,670.1	59,566.1
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	1,610,351	3,495,131	125,413,375
17. Gross Electrical Energy Generated (MWH)	512,880	1,103,380	39,878,892
18. Net Electrical Energy Generated (MWH)	488,067	1,042,038	37,767,211
19. Unit Service Factor	99.0	32.8	68.4
20. Unit Availability Factor	99.0	32.8	68.4
21. Unit Capacity Factor (Using MDC Net)	98.5	31.4	67.1
22. Unit Capacity Factor (Using DER Net)	94.7	29.6	62.6
23. Unit Forced Outage Rate	1.0	7.6	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

REPORT MONTH July, 1983

DOCKET NO. 50-251
 UNIT NAME Turkey Point #4
 DATE 8/15/83
 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
12	830705	F	7.1	A	1	250-83-10	SF	ACCUMU	Unit removed from service as required by Technical Specifications due to low pressure in accumulator. Unit then returned to service.

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. 50-251
UNIT Turkey Point 4
DATE August 15, 1983
COMPLETED BY P. L. Pace
TELEPHONE (305) 552-3654

REPORT MONTH July, 1983

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

Other major safety related maintenance activities included:

A boric acid heat tracing circuit was repaired.

An accumulator nitrogen vent valve was replaced.

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. 50-335

UNIT St. Lucie Unit #1

DATE 8/15/83

COMPLETED BY N. W. Grant

TELEPHONE (305) 552-3675

MONTH July, 1983

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 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 8/15/83
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit 1
2. Reporting Period: July, 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 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	5,087	57,935
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)	-3,204	1,086,469	33,350,660
19. Unit Service Factor	0	26.6	75.2
20. Unit Availability Factor	0	26.6	75.3
21. Unit Capacity Factor (Using MDC Net)	0	26.1	73.2
22. Unit Capacity Factor (Using DER Net)	0	25.7	71.2
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: October, 1983

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

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1983

DOCKET NO. 50-335
 UNIT NAME St. Lucie #1
 DATE 8/15/83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Unit Stop(s)	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	720	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
 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>August 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH July, 1983

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

Major safety related maintenance included:

A containment spray valve was repaired.

A boric acid heat tracing circuit was repaired.

The power supply to an area radiation monitor was repaired.

Inspections and requirements of IE Bulleting 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 8/15/83

COMPLETED BY N. W. Grant

TELEPHONE (305) 552-3675

MONTH July, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	---
2	---
3	---
4	---
5	---
6	---
7	---
8	---
9	---
10	---
11	---
12	---
13	84
14	265
15	362
16	366

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	365
18	364
19	378
20	595
21	645
22	644
23	651
24	638
25	63
26	---
27	---
28	---
29	391
30	394
31	709

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 8/15/83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit 2
2. Reporting Period: July, 1983
3. Licensed Thermal Power (MWT): 2,560
4. Nameplate Rating (Gross MWe): 850
5. Design Electrical Rating (Net MWe): Approximately 802
6. Maximum Dependable Capacity (Gross MWe): to be determined
7. Maximum Dependable Capacity (Net MWe): to be determined
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 2 continued power ascension testing.

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	1463	1463
12. Number Of Hours Reactor Was Critical	393.7 393.7	905	905
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	361.1	469.2	469.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	545,984	621,790	621,790
17. Gross Electrical Energy Generated (MWH)	181,880	198,730	198,730
18. Net Electrical Energy Generated (MWH)	161,494	166,066	166,066
19. Unit Service Factor	48.5		
20. Unit Availability Factor	48.5		
21. Unit Capacity Factor (Using MDC Net)	NA		
22. Unit Capacity Factor (Using DER Net)	NA		
23. Unit Forced Outage Rate	9.5		
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
5/27/83	6/2/83
6/83	6/13/83
Late July, 1983	8/8/83

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1983

DOCKET NO. 50-389
 UNIT NAME St. Lucie #2
 DATE 8/15/83
 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
12	830622	S	298.9	B	4		HC	HTEXCH	Unit removed from service to clean condensate pump strainers. Outage extended to repair reactor coolant pump seal injection.
13	830725	S	28.0	B	3		XX	XXXXXX	Conducted unit trip for power ascension testing. Unit remained off line for other testing and maintenance.
14	830726	F	3.7	A	3		HA	TURBIN	Unit tripped on high steam generator level. Unit returned to service.
15	830726	F	34.1	A	3		EG	INSTRU	Unit trip due to loss of a power panel. Outage extended for repair of condenser tube.
16	830728	S	18.3	B	2		XX	XXXXXX	Unit tripped for power ascension test.

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

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 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>August 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH July 1983

Unit 2 conducted power ascension testing during the month.

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

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.