

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250  
 UNIT Turkey Point 3  
 DATE July 15, 1986  
 COMPLETED BY N.W. Grant  
 TELEPHONE (305)552-3675

MONTH June, 1986

DAY AVERAGE DAILY POWER LEVEL  
 (MWe-Net)

6/ 1/86	691
6/ 2/86	688
6/ 3/86	688
6/ 4/86	688
6/ 5/86	687
6/ 6/86	685
6/ 7/86	679
6/ 8/86	685
6/ 9/86	688
6/10/86	683
6/11/86	676
6/12/86	619
6/13/86	349
6/14/86	678
6/15/86	681
6/16/86	685
6/17/86	688
6/18/86	690
6/19/86	685
6/20/86	684
6/21/86	685
6/22/86	684
6/23/86	675
6/24/86	678
6/25/86	676
6/26/86	674
6/27/86	328
6/28/86	222
6/29/86	678
6/30/86	682

8607220259 860630  
 PDR ADOCK 05000250  
 R PDR

IE24  
 1/1

# OPERATING DATA REPORT

DOCKET NO 50 - 250  
 DATE 7/15/86  
 COMPLETED BY N. W. GRANT  
 TELEPHONE 305/552/3675

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: JUNE 1986
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: \_\_\_\_\_
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) \_\_\_\_\_
10. REASONS FOR RESTRICTIONS, IF ANY: \_\_\_\_\_

## MONTHLY -YTD- CUMULATIVE

11. HOURS IN REPORT PERIOD:	720	4343	118952.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	699.0	3201.6	82279.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	696.5	3151.6	81558.5
15. UNIT RESERVE SHUTDOWN HOURS	0	0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH)	1497417	6803749	169009270
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	486460	2231740	54103285
18. NET ELECTRICAL ENERGY GENERATED (MWH)	462600	2112290	51221871
19. UNIT SERVICE FACTOR	96.7	72.6	68.6
20. UNIT AVAILABILITY FACTOR	96.7	72.6	68.7
21. CAPACITY FACTOR (USING MDC NET)	96.5	73.0	66.2
22. CAPACITY FACTOR (USING DER NET)	92.7	70.2	62.1
23. UNIT FORCED OUTAGE RATE	3.3	27.4	8.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: \_\_\_\_\_

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1986

DOCKET NO. 50-250  
 UNIT NAME Turkey Point Unit 3  
 DATE July 15, 1986  
 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	860613	F	0.0	A	5	250-86-26	HA	VALVEX	The Unit operated at reduced power due to the failure of the main turbine valve operator to close during the performance of the turbine valve test. The problem was corrected and the unit was returned to full power.
07	860627	F	23.5	B	3	Pending	IB	HTEXCH	While at full power, the unit tripped during the performance of a periodic surveillance, on steam generator level. Fuses were replaced for the emergency containment filter fan. The unit was then returned to service.

<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.	<u>50-250</u>
UNIT	<u>Turkey Point Unit 3</u>
DATE	<u>July 15, 1986</u>
COMPLETED BY	<u>N. W. Grant</u>
TELEPHONE	<u>305/552-3675</u>

REPORT MONTH June, 1986

See the "unit" shutdowns and power reductions" report.



# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251  
UNIT Turkey Point 4  
DATE July 15, 1986  
COMPLETED BY N.W. Grant  
TELEPHONE (305)552-3675

MONTH June, 1986

DAY      AVERAGE DAILY POWER LEVEL  
            (MWe-Net)

6/ 1/86	-1
6/ 2/86	-1
6/ 3/86	-1
6/ 4/86	-1
6/ 5/86	-1
6/ 6/86	-1
6/ 7/86	0
6/ 8/86	0
6/ 9/86	0
6/10/86	0
6/11/86	0
6/12/86	-1
6/13/86	-1
6/14/86	-1
6/15/86	-1
6/16/86	-1
6/17/86	-1
6/18/86	-1
6/19/86	-1
6/20/86	-1
6/21/86	-1
6/22/86	-1
6/23/86	-1
6/24/86	-1
6/25/86	-1
6/26/86	-1
6/27/86	-1
6/28/86	-1
6/29/86	-1
6/30/86	-1

# OPERATING DATA REPORT

DOCKET NO 50 - 251  
 DATE 7/15/86  
 COMPLETED BY N. W. GRANT  
 TELEPHONE 305/552/3675

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: JUNE 1986
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: \_\_\_\_\_
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) \_\_\_\_\_
10. REASONS FOR RESTRICTIONS, IF ANY: \_\_\_\_\_

MONTHLY -YTD- CUMULATIVE

11. HOURS IN REPORT PERIOD:	720	4343	112684.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	225.4	77860.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	0.0	225.1	75320.2
15. UNIT RESERVE SHUTDOWN HOURS	0	0	32.1
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	440167	159477896
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	139235	50781807
18. NET ELECTRICAL ENERGY GENERATED (MWH)	-1188	125027	48086235
19. UNIT SERVICE FACTOR	0.0	5.2	66.8
20. UNIT AVAILABILITY FACTOR	0.0	5.2	66.9
21. CAPACITY FACTOR (USING MDC NET)	0.0	4.3	65.6
22. CAPACITY FACTOR (USING DER NET)	0.0	4.2	61.6
23. UNIT FORCED OUTAGE RATE	0	0	6.4
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 8/4/86

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1986

DOCKET NO. 50-251  
 UNIT NAME Turkey Point Unit 4  
 DATE July 15, 1986  
 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
02	860110	S	720.0	C	4		RC	FUELXX	Unit #4 remained shutdown for refueling and scheduled maintenance.

<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.	<u>50-251</u>
UNIT	<u>Turkey Point Unit #4</u>
DATE	<u>July 15, 1986</u>
COMPLETED BY	<u>N. W. Grant</u>
TELEPHONE	<u>305/552-3675</u>

REPORT MONTH June, 1986

Unit #4 remained out of service for refueling and scheduled maintenance.



# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335  
UNIT St. Lucie Unit 1  
DATE July 15, 1986  
COMPLETED BY W.W. Grant  
TELEPHONE (305)552-3675

MONTH June, 1986

## DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

6/ 1/86	853
6/ 2/86	851
6/ 3/86	850
6/ 4/86	847
6/ 5/86	845
6/ 6/86	785
6/ 7/86	-20
6/ 8/86	-9
6/ 9/86	-4
6/10/86	-4
6/11/86	-3
6/12/86	-3
6/13/86	-3
6/14/86	-3
6/15/86	-4
6/16/86	-7
6/17/86	-14
6/18/86	-16
6/19/86	-26
6/20/86	637
6/21/86	847
6/22/86	854
6/23/86	853
6/24/86	856
6/25/86	858
6/26/86	857
6/27/86	853
6/28/86	851
6/29/86	854
6/30/86	856

# OPERATING DATA REPORT

DOCKET NO 50 - 335  
 DATE 7/15/86  
 COMPLETED BY N. W. GRANT  
 TELEPHONE 305/552/3675

## OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: JUNE 1986
3. LICENSED THERMAL POWER (MWT): 2700
4. NAMEPLATE RATING (GROSS MWE): 850
5. DESIGN ELECTRICAL RATING (NET MWE): 830
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 872
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 827
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: \_\_\_\_\_
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) \_\_\_\_\_
10. REASONS FOR RESTRICTIONS, IF ANY: \_\_\_\_\_

## MONTHLY -YTD- CUMULATIVE

11. HOURS IN REPORT PERIOD:	720	4343	83495.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	413.5	4023.3	60179.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE	406.9	3991.8	59793.9
15. UNIT RESERVE SHUTDOWN HOURS	0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1081761	10695146	151587413
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	359090	3585010	49641515
18. NET ELECTRICAL ENERGY GENERATED (MWH)	337894	3404324	46838116
19. UNIT SERVICE FACTOR	56.5	91.9	71.6
20. UNIT AVAILABILITY FACTOR	56.5	91.9	71.7
21. CAPACITY FACTOR (USING MDC NET)	56.7	94.8	70.3
22. CAPACITY FACTOR (USING DER NET)	56.5	94.4	68.8
23. UNIT FORCED OUTAGE RATE	0	.1	4.2
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: \_\_\_\_\_

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1986

DOCKET NO. 50-335  
 UNIT NAME St. Lucie Unit 1  
 DATE July 15, 1986  
 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
04	860606	S	313.1	A	1		CC	HTEXCH	The unit was shutdown to plug 23 steam generator tubes identified as a result of the analysis of previously pulled tubes. While still shutdown the "A" HPSI suction valve didn't stroke due to a loose worn gear. The valve was repaired and the unit returned to service.

<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.	<u>50-335</u>
UNIT	<u>St. Lucie Unit #1</u>
DATE	<u>July 15, 1986</u>
COMPLETED BY	<u>N. W. Grant</u>
TELEPHONE	<u>305/552-3675</u>

REPORT MONTH June, 1986

See the "unit shutdown and power reduction" report.

In accordance with requirements of Technical Specifications 6.9.1.6, 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 July 15, 1986  
COMPLETED BY N.W. Grant  
TELEPHONE (305)552-3676

MONTH June, 1986

DAY      AVERAGE DAILY POWER LEVEL  
            (MWe-Net)

6/ 1/86	-26
6/ 2/86	-28
6/ 3/86	-29
6/ 4/86	45
6/ 5/86	252
6/ 6/86	636
6/ 7/86	856
6/ 8/86	859
6/ 9/86	859
6/10/86	858
6/11/86	849
6/12/86	836
6/13/86	848
6/14/86	861
6/15/86	860
6/16/86	842
6/17/86	807
6/18/86	824
6/19/86	862
6/20/86	864
6/21/86	863
6/22/86	863
6/23/86	860
6/24/86	862
6/25/86	864
6/26/86	863
6/27/86	860
6/28/86	859
6/29/86	860
6/30/86	862

# OPERATING DATA REPORT

DOCKET NO 50 - 389  
 DATE 7/15/86  
 COMPLETED BY N. W. GRANT  
 TELEPHONE 305/552/3675

## OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: JUNE 1986
3. LICENSED THERMAL POWER (MWT): 2700
4. NAMEPLATE RATING (GROSS MWE): 850
5. DESIGN ELECTRICAL RATING (NET MWE): 830
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 882
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 837
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: \_\_\_\_\_
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) \_\_\_\_\_
10. REASONS FOR RESTRICTIONS, IF ANY: \_\_\_\_\_

## MONTHLY -YTD- CUMULATIVE

11. HOURS IN REPORT PERIOD:	720	4343	25392.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	673.2	2917.3	20966.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	635.4	2860.1	20432.4
15. UNIT RESERVE SHUTDOWN HOURS	0	0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH)	1625654	7576087	50222620
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	543030	2531790	17438470
18. NET ELECTRICAL ENERGY GENERATED (MWH)	512346	2390506	16461549
19. UNIT SERVICE FACTOR	88.2	65.9	80.5
20. UNIT AVAILABILITY FACTOR	88.2	65.9	80.5
21. CAPACITY FACTOR (USING MDC NET)	85.0	65.8	80.2
22. CAPACITY FACTOR (USING DER NET)	85.7	66.3	79.5
23. UNIT FORCED OUTAGE RATE	0	1.8	9.6
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: \_\_\_\_\_

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1986

DOCKET NO. 50-389  
 UNIT NAME St. Lucie Unit 2  
 DATE July 15, 1986  
 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
04	860405	S	84.6	C	4	389-86-10	RC	FUELXX	Unit #2 remained shutdown for refueling and scheduled maintenance.
							CC	HTEXCH	The unit tripped from 5% thermal power while returning from a refueling outage. The unit generator was offline to perform post-overhaul turbine overspeed testing. The trip was caused by low steam generator level. The test was completed and the restart commenced.

<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



## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1986

DOCKET NO. 50-389  
 UNIT NAME St. Lucie Unit 2  
 DATE July 15, 1986  
 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
05	860605	F	0.0	B	5		CC	HTEXCH	The unit operated at reduced power for steam generator chemistry concerns and to complete reactor core physics testing.

<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.	<u>50-389</u>
UNIT	<u>St. Lucie Unit #2</u>
DATE	<u>July 15, 1986</u>
COMPLETED BY	<u>N. W. Grant</u>
TELEPHONE	<u>305/552-3675</u>

REPORT MONTH June, 1986

See the "unit shutdown and power reduction" report.

In accordance with requirements of Technical Specifications 6.9.1.6, there were no challenges to PORV or safety valves during the report month.



JUL 15 1986

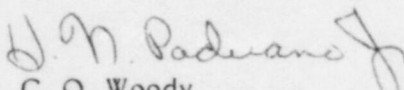
L-86-292

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

Dear Sir:

Attached are the June 1986 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. O. Woody  
Group Vice President  
Nuclear Energy

COW/NWG/eh

Attachment

cc: Dr. J. Nelson Grace  
Harold F. Reis, Esquire  
PNS-LI-86-216

L1:l

IE24  
1/1