

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250  
 UNIT Turkey Point 3  
 DATE 4-15-85  
 COMPLETED BY N.W. Grant  
 TELEPHONE (305)552-3675

MONTH MARCH 1985

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

3/ 1/85	676
3/ 2/85	678
3/ 3/85	684
3/ 4/85	685
3/ 5/85	685
3/ 6/85	683
3/ 7/85	689
3/ 8/85	692
3/ 9/85	689
3/10/85	684
3/11/85	680
3/12/85	680
3/13/85	652
3/14/85	599
3/15/85	665
3/16/85	12
3/17/85	181
3/18/85	679
3/19/85	681
3/20/85	693
3/21/85	694
3/22/85	695
3/23/85	689
3/24/85	690
3/25/85	688
3/26/85	687
3/27/85	689
3/28/85	688
3/29/85	685
3/30/85	580
3/31/85	-17

8506100116 850331  
 PDR ADOCK 05000250  
 R PDR

# OPERATING DATA REPORT

DOCKET NO 50-250  
DATE 4-15-85  
COMPLETED BY N.W. Grant  
TELEPHONE (305) 552-3675

## OPERATING STATUS

1. Unit Name: Turkey Point Unit #3
2. Reporting Period: March 1985
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	2,160	108,009.6
12. Number Of Hours Reactor Was Critical	686.2	2,057.1	75,729.9
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	681.1	2,011.6	75,190.7
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	1,468,951	4,308,366	155,437,877
17. Gross Electrical Energy Generated (MWH)	483,545	1,421,925	49,677,620
18. Net Electrical Energy Generated (MWH)	459,224	1,351,038	47,048,244
19. Unit Service Factor	91.5	93.1	69.6
20. Unit Availability Factor	91.5	93.1	69.7
21. Unit Capacity Factor (Using MDC Net)	92.7	93.9	67.1
22. Unit Capacity Factor (Using DER Net)	89.1	90.3	62.9
23. Unit Forced Outage Rate	5.1	5.7	6.4
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: Mid-June 1985
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1985

DOCKET NO. 50-250  
 UNIT NAME Turkey Point Unit #3  
 DATE 4-15-85  
 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
04	850316	F	36.4	A	1		SB	HTEXCH	Unit 3 was shutdown to repair the 3C containment cooler. The unit then returned to power operation.
05	850330	S	26.5	C	1		RC	FUELXX	Unit #3 was shutdown for refueling and scheduled maintenance.

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

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of 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. 50-250

UNIT Turkey Point Unit #3

DATE April 15, 1985

COMPLETED BY N. W. Grant

TELEPHONE (305) 552-3675

REPORT MONTH March 1985

See the "Unit Shutdowns and Power Reductions" report.

# AVERAGE DAILY UNIT POWER LEVEL

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

MONTH March 1985

DAY AVERAGE DAILY POWER LEVEL  
 (MWe-Net)

3/ 1/85	676
3/ 2/85	676
3/ 3/85	679
3/ 4/85	680
3/ 5/85	680
3/ 6/85	680
3/ 7/85	683
3/ 8/85	684
3/ 9/85	683
3/10/85	680
3/11/85	679
3/12/85	675
3/13/85	675
3/14/85	672
3/15/85	672
3/16/85	671
3/17/85	680
3/18/85	607
3/19/85	-22
3/20/85	516
3/21/85	683
3/22/85	687
3/23/85	683
3/24/85	682
3/25/85	693
3/26/85	522
3/27/85	685
3/28/85	685
3/29/85	684
3/30/85	679
3/31/85	675



# OPERATING DATA REPORT

DOCKET NO 50-251  
DATE 4-15-85  
COMPLETED BY N.W. Grant  
TELEPHONE (305) 552-3675

## OPERATING STATUS

1. Unit Name: TURKEY POINT UNIT #4
2. Reporting Period: March 1985
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	2,160	101,741
12. Number Of Hours Reactor Was Critical	722.2	1,903.1	71,621.5
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	713.3	1,881.1	69,121.3
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	1,533,584	4,052,049	146,182,155
17. Gross Electrical Energy Generated (MWH)	503,495	1,327,055	46,519,452
18. Net Electrical Energy Generated (MWH)	479,313	1,261,664	44,044,945
19. Unit Service Factor	95.9	87.1	67.9
20. Unit Availability Factor	95.9	87.1	68.0
21. Unit Capacity Factor (Using MDC Net)	96.7	87.7	66.7
22. Unit Capacity Factor (Using DER Net)	93.0	84.3	62.5
23. Unit Forced Outage Rate	0.5	11.8	6.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling October 1985, 10 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 March 1985

DOCKET NO. 50-251  
 UNIT NAME Turkey Point Unit #4  
 DATE 4-15-85  
 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
07	850319	S	26.8	B	1		CB	INSTRU	Unit 4 had a brief scheduled outage to investigate and repair RCP oil level instrumentation and to evaluate RCP vibration. The unit was then returned to power operation.
08	850326	F	3.9	B	1		HA	SUPORT	Unit 4 was shutdown to investigate high vibration on turbine exciter ductwork. The ductwork was braced and the unit returned to power 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.	50-251
UNIT	Turkey Point Unit # 4
DATE	April 15, 1985
COMPLETED BY	N. W. Grant
TELEPHONE	(305) 552-3675

REPORT MONTH March 1985

See the "Unit shutdowns and power reduction" report.



# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335  
 UNIT St. Lucie Unit 1  
 DATE 4-15-85  
 COMPLETED BY H.W. Grant  
 TELEPHONE (305)552-3675

MONTH March 1985

DAY AVERAGE DAILY POWER LEVEL  
 (MWe.Net)

3/ 1/85	849
3/ 2/85	849
3/ 3/85	851
3/ 4/85	850
3/ 5/85	848
3/ 6/85	848
3/ 7/85	445
3/ 8/85	831
3/ 9/85	849
3/10/85	950
3/11/85	848
3/12/85	852
3/13/85	851
3/14/85	851
3/15/85	850
3/16/85	849
3/17/85	851
3/18/85	852
3/19/85	854
3/20/85	854
3/21/85	854
3/22/85	852
3/23/85	851
3/24/85	852
3/25/85	852
3/26/85	851
3/27/85	852
3/28/85	853
3/29/85	854
3/30/85	854
3/31/85	853

# OPERATING DATA REPORT

DOCKET NO 50-335  
DATE 4-15-85  
COMPLETED BY N.W.Grant  
TELEPHONE 305-552-3675

## OPERATING STATUS

1. Unit Name: ST. LUCIE UNIT #1
2. Reporting Period: March 1985
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): 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

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	2,160	72,552
12. Number Of Hours Reactor Was Critical	740.0	2,156	51,177.3
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	737.0	2,153	50,886.5
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	1,964,733	5,716,314	127,853,850
17. Gross Electrical Energy Generated (MWH)	656,070	1,911,430	41,770,085
18. Net Electrical Energy Generated (MWH)	622,934	1,815,353	39,377,701
19. Unit Service Factor	99.1	99.7	70.1
20. Unit Availability Factor	99.1	99.7	70.2
21. Unit Capacity Factor (Using MDC Net)	101.9	102.2	68.4
22. Unit Capacity Factor (Using DER Net)	100.9	101.3	66.8
23. Unit Forced Outage Rate	.9	.3	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):

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1985

DOCKET NO. 50-335  
 UNIT NAME St. Lucie Unit #1  
 DATE 4-15-85  
 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
01	850307	F	7.0	B	1	335-85-003	ZZ	ZZZZZZ	During performance of a routine reactor protective system logic matrix test, an operator performing the test inadvertently turned a test switch to an incorrect position thus causing the reactor to trip. The unit then returned to power 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.	<u>50-335</u>
UNIT	<u>St. Lucie Unit #1</u>
DATE	<u>April 15, 1985</u>
COMPLETED BY	<u>N. W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH March 1985

Unit #1 operated at essentially full power except as noted on "Unit Shutdowns and Power Reductions" report.

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 4-15-85

COMPLETED BY N.W. Grant

TELEPHONE (305)552-3676

MONTH March 1985

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

3/ 1/85	817
3/ 2/85	836
3/ 3/85	859
3/ 4/85	854
3/ 5/85	859
3/ 6/85	859
3/ 7/85	860
3/ 8/85	861
3/ 9/85	860
3/10/85	861
3/11/85	834
3/12/85	791
3/13/85	799
3/14/85	821
3/15/85	857
3/16/85	280
3/17/85	854
3/18/85	857
3/19/85	859
3/20/85	860
3/21/85	858
3/22/85	858
3/23/85	859
3/24/85	859
3/25/85	858
3/26/85	859
3/27/85	858
3/28/85	749
3/29/85	-15
3/30/85	-5
3/31/85	-3



# OPERATING DATA REPORT

DOCKET NO 50-389  
DATE 4-15-85  
COMPLETED BY N.W. Grant  
TELEPHONE (305) 552-3675

## OPERATING STATUS

1. Unit Name: ST. LUCIE UNIT #2
2. Reporting Period: March 1985
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

### Notes

See the Unit Shutdowns and Power Reductions Report.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
Items 5,6, and 7 being revised in accordance with recent approval of increased rated thermal 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	2,160	14,449
12. Number Of Hours Reactor Was Critical	670.5	2,086.5	12,692.7
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	661.2	2,056	12,256.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,740,672	5,267,420	30,625,985
17. Gross Electrical Energy Generated (MWH)	584,310	1,775,440	10,225,140
18. Net Electrical Energy Generated (MWH)	553,710	1,681,764	9,644,176
19. Unit Service Factor	88.9	95.2	84.8
20. Unit Availability Factor	88.9	95.2	84.8
21. Unit Capacity Factor (Using MDC Net)	94.7	99.1	84.9
22. Unit Capacity Factor (Using DER Net)	92.6	96.8	83.0
23. Unit Forced Outage Rate	0	1.0	7.6
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: April 8, 1985 (actual)
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____



## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1985

DOCKET NO. 50-389  
 UNIT NAME St. Lucie Unit #2  
 DATE 4-15-85  
 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
02	850316	S	9.0	A	1		CB	INSTRU	Unit was shutdown to investigate and repair an RCP oil level instrument. The unit was then returned to power operation.
03	850328	S	73.8	H	1		CC	HTEXCH	Unit 2 went into a scheduled outage to inspect steam generator tubes associated with minor primary to secondary leakage indications.

<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	April 15, 1985
COMPLETED BY	N. W. Grant
TELEPHONE	(305) 552-3675

REPORT MONTH March 1985

See the "Unit Shutdowns and Power Reductions" Report.

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



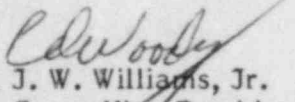
April 15, 1985  
L-85-156

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

Dear Sir:

Attached are the March 1985 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*   
J. W. Williams, Jr.  
Group Vice President  
Nuclear Energy

JWW/NWG/js

Attachment

cc: Dr. J. Nelson Grace  
Harold F. Reis, Esquire  
PNS-LI-85-152g

IE24  
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