

**AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO. 50 - 250  
 Turkey Point  
 UNIT Unit No. 3  
 DATE June 6, 1981  
 COMPLETED BY V. T. Chilson  
 TELEPHONE (305) 552-3824

MONTH: MAY, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	_____	17	_____
2	_____	18	_____
3	_____	19	_____
4	_____	20	_____
5	_____	21	_____
6	_____	22	_____
7	_____	23	_____
8	_____	24	_____
9	_____	25	_____
10	_____	26	_____
11	_____	27	_____
12	_____	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)

8106160179



OPERATING DATA REPORT

DOCKET NO. 50-250  
 DATE June 6, 1981  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: May, 1981
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): 680
7. Maximum Dependable Capacity (Net MWe): 646
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes.- Unit No. 3 remained out of service due to the failure of the Generator Stator Core.

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	3 623.0	74 408.6
12. Number Of Hours Reactor Was Critical	-0-	1 459.3	55 760.1
13. Reactor Reserve Shutdown Hours	408.0	631.0	844.4
14. Hours Generator On-Line	-0-	1 385.6	53 891.0
15. Unit Reserve Shutdown Hours	-0-	-0-	121.8
16. Gross Thermal Energy Generated (MWH)	-0-	3 025 277	109 197 555
17. Gross Electrical Energy Generated (MWH)	-0-	940 415	34 693 625
18. Net Electrical Energy Generated (MWH)	- 1 789	922 586	32 832 071
19. Unit Service Factor	-0-	38.2	72.4
20. Unit Availability Factor	-0-	38.2	72.6
21. Unit Capacity Factor (Using MDC Net)	-0-	39.4	68.6
22. Unit Capacity Factor (Using DER Net)	-0-	36.6	63.7
23. Unit Forced Outage Rate	100.0	41.2	4.1

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: March 1, 1982

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 No. 3  
 DATE June 6, 1981  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

REPORT MONTH MAY, 1981

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	81-04-21	F	744.0	A	4		HA	GENERA (D)	Stator core failed while preparing to synchronize generator after scheduled refueling. (Continued from previous month) (Non-nuclear system)

<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) Continuing  
 5-Load Reduction  
 9-Other (Explain)

<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



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50 - 251  
 Turkey Point  
 UNIT Unit No. 4

DATE June 6, 1981

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH MAY, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	671
2	673
3	676
4	678
5	681
6	676
7	677
8	678
9	674
10	668
11	663
12	665
13	667
14	668
15	666
16	666

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	662
18	662
19	664
20	667
21	667
22	671
23	677
24	678
25	656
26	550
27	673
28	673
29	669
30	668
31	667

NOTE: Average daily power level greater than 646 MWe due to cooler condenser cooling water.

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 June 6, 1981  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: May, 1981
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): 680
7. Maximum Dependable Capacity (Net MWe): 646
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes—Unit No. 4 operated at approximately 100% R.P., except for load reduction of May 25-26, 1981.

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>3 623.0</u>	<u>68 136.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>3 186.0</u>	<u>50 198.9</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>166.6</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>3 110.4</u>	<u>48 389.3</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>31.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 634 117</u>	<u>6 768 949</u>	<u>101 150 304</u>
17. Gross Electrical Energy Generated (MWH)	<u>520 600</u>	<u>2 182 270</u>	<u>32 155 443</u>
18. Net Electrical Energy Generated (MWH)	<u>495 589</u>	<u>2 072 505</u>	<u>30 456 525</u>
19. Unit Service Factor	<u>100.0</u>	<u>85.9</u>	<u>71.0</u>
20. Unit Availability Factor	<u>100.0</u>	<u>85.9</u>	<u>71.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>103.1</u>	<u>88.6</u>	<u>69.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.1</u>	<u>82.5</u>	<u>64.5</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>5.2</u>	<u>3.0</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Steam Generator Tube Inspection Program - July 11. - August 14, 1981

25. If Shut-Down At End Of Report Period, Estimated Date of Startup: N/A
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 No. 4  
 DATE June 6, 1981  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

REPORT MONTH MAY, 1981

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
08	81-05-25	S	-0-	B	5	N/A	HA	VALVEX	Load reduction to perform periodic test of turbine main steam stop, reheat stop, and reheat intercept valves. (Non-nuclear system)

1  
 F: Forced  
 S: Scheduled

2  
 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)

3  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain) Continuing  
 5-Load Reduction  
 9-Other (Explain)

4  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5  
 Exhibit I - Same Source



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335  
St. Lucie  
 UNIT Unit No. 1

DATE June 6, 1981

COMPLETED BY V.T. Chilson

TELEPHONE (305) 552-3824

MONTH: MAY, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	789
2	785
3	787
4	780
5	558
6	788
7	784
8	775
9	780
10	788
11	789
12	790
13	789
14	790
15	789
16	789

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	785
18	779
19	743
20	788
21	788
22	789
23	790
24	783
25	790
26	789
27	782
28	775
29	791
30	789
31	792

NOTE: Average daily power level greater than 777 MWe due to cooler condenser cooling water.

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 June 6, 1981  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: May, 1981
3. Licensed Thermal Power (MWt): 2560
4. Nameplate Rating (Gross MWe): 850
5. Design Electrical Rating (Net MWe): 802
6. Maximum Dependable Capacity (Gross MWe): 822
7. Maximum Dependable Capacity (Net MWe): 777
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report? Give Reasons:

Notes - Unit operated at approximately 100% R.P., except for load reduction of May 4-5, 1981.

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>3 623.0</u>	<u>38 951.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>3 503.7</u>	<u>31 929.0</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>129.5</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>3 502.2</u>	<u>31 133.3</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>39.3</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 181 121</u>	<u>8 891 512</u>	<u>76 139 660</u>
17. Gross Electrical Energy Generated (MWH)	<u>611 420</u>	<u>2 914 860</u>	<u>24 723 720</u>
18. Net Electrical Energy Generated (MWH)	<u>578 491</u>	<u>2 758 047</u>	<u>23 285 533</u>
19. Unit Service Factor	<u>100.0</u>	<u>96.7</u>	<u>79.9</u>
20. Unit Availability Factor	<u>100.0</u>	<u>96.7</u>	<u>80.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.1</u>	<u>98.0</u>	<u>76.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.0</u>	<u>94.9</u>	<u>74.5</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>0.7</u>	<u>5.3</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Scheduled refueling, maintenance, and inspections - October 4 - December 5, 1981.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

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 - 335  
 UNIT NAME St. Lucie Unit No. 1  
 DATE June 6, 1981  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

REPORT MONTH MAY, 1981

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
03	81-05-04	S	-0-	B	5	N/A	HA	PIPEXX (E)	Load reduction to repair steam leak located in piping between HP turbine and moisture-separator-reheater. Corrective actions included repairs by welding. (Non-nuclear system)

<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) Continuing  
 5-Load Reduction  
 9-Other (Explain)

<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 No. 3  
DATE June 6, 1981  
COMPLETED BY V. T. Chilson  
TELEPHONE (305) 552-3824

REPORT MONTH MAY, 1981

Unit No. 3 remained out of service due to the failure of the Generator Stator Core. Refer to "Unit Shutdowns and Power Reductions" section of May, 1981, Operating Status Report for additional information.

Major Safety-related maintenance activities performed during the month included:

Inspections and requirements of IE Bulletins and NUREG-0578 are continuing.

Florida Power & Light Company commitments for NUREG-0578 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

Started preparations for In-Service Inspections of reactor vessel.



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 251

UNIT Turkey Point  
Unit No. 4

DATE June 6, 1981

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH MAY, 1981

Unit No. 4 operated at approximately 100% R.P., except for load reduction of May 25-26, 1981. Refer to "Unit Shutdowns and Power Reductions" section of May, 1981, Operating Status Report for additional information.

Major safety-related maintenance activities performed during the month included:

Inspections and requirements of IE Bulletins and NUREG-0578 in progress.

Florida Power & Light Company commitments for NUREG-0578 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

