

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250  
 UNIT Turkey Point  
Unit No. 3  
 DATE July 5, 1980  
 COMPLETED BY V. T. Chilson  
 TELEPHONE (305) 552-3824

MONTH JUNE, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>662</u>	17	<u>653</u>
2	<u>659</u>	18	<u>652</u>
3	<u>656</u>	19	<u>649</u>
4	<u>654</u>	20	<u>650</u>
5	<u>647</u>	21	<u>649</u>
6	<u>646</u>	22	<u>654</u>
7	<u>649</u>	23	<u>648</u>
8	<u>653</u>	24	<u>644</u>
9	<u>648</u>	25	<u>644</u>
10	<u>536</u>	26	<u>647</u>
11	<u>644</u>	27	<u>649</u>
12	<u>651</u>	28	<u>645</u>
13	<u>651</u>	29	<u>645</u>
14	<u>658</u>	30	<u>646</u>
15	<u>656</u>	<del>31</del>	<u></u>
16	<u>658</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.

(9/77)

8007240177

# OPERATING DATA REPORT

DOCKET NO. 50-250  
 DATE July 5, 1980  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

## OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: June, 1980
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 No. 3 operated at approximately 100% R.P., except for outage of June 10, 1980.

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>720.0</u>	<u>4 367.0</u>	<u>66 368.6</u>
12. Number Of Hours Reactor Was Critical	<u>719.4</u>	<u>3 491.7</u>	<u>50 761.2</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>213.3</u>
14. Hours Generator On-Line	<u>717.0</u>	<u>3 334.6</u>	<u>49 024.7</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>121.8</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 566 925</u>	<u>7 185 007</u>	<u>98 653 641</u>
17. Gross Electrical Energy Generated (MWH)	<u>489 820</u>	<u>2 273 405</u>	<u>31 354 405</u>
18. Net Electrical Energy Generated (MWH)	<u>465 623</u>	<u>2 152 940</u>	<u>29 675 034</u>
19. Unit Service Factor	<u>99.6</u>	<u>76.4</u>	<u>73.9</u>
20. Unit Availability Factor	<u>99.6</u>	<u>76.4</u>	<u>74.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.1</u>	<u>74.0</u>	<u>67.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>93.3</u>	<u>71.1</u>	<u>64.5</u>
23. Unit Forced Outage Rate	<u>0.4</u>	<u>1.5</u>	<u>2.6</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Steam Generator Tube Inspection Program - Oct. 5 - Nov. 1, 1980.

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

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

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
<u>      </u>	<u>      </u>
<u>      </u>	<u>      </u>
<u>      </u>	<u>      </u>

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JUNE, 1980

DOCKET NO. 50 - 250  
 UNIT NAME Turkey Point Unit No.3  
 DATE July 5, 1980  
 COMPLETED BY V. T. Chilson  
 TELEPHONE (305) 552-3824

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
14	80-06-10	F	3.0	A	3	N/A	ED	GENERA (F)	Unit was tripped by steam generator No.3B level protection system caused by the loss of power supply to vital instrument bus No.3A. Corrective actions included replacing SCRs in inverter No.A. (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)

<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  
UNIT Turkey Point  
Unit No. 4  
DATE July 5, 1980  
COMPLETED BY V. T. Chilson  
TELEPHONE (305) 552-3824

MONTH JUNE, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	---	17	322
2	---	18	537
3	---	19	637
4	---	20	636
5	---	21	643
6	---	22	650
7	---	23	646
8	---	24	642
9	---	25	640
10	---	26	640
11	---	27	638
12	---	28	640
13	---	29	640
14	---	30	637
15	---	31	---
16	48		

## 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 July 5, 1980  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

## OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: June, 1980
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 No. 4 operated at approximately 100% R.P. after the unit was returned to service on June 16, 1980, following completion of scheduled maintenance and inspections, except for outages of June 17, 1980.

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	720.0	4 367.0	60 096.0
12. Number Of Hours Reactor Was Critical	378.1	3 044.1	43 871.9
13. Reactor Reserve Shutdown Hours	-0-	12.3	166.5
14. Hours Generator On-Line	340.7	2 956.8	42 139.3
15. Unit Reserve Shutdown Hours	-0-	12.3	31.2
16. Gross Thermal Energy Generated (MWH)	720 968	6 365 622	87 584 602
17. Gross Electrical Energy Generated (MWH)	217 885	1 998 725	27 902 203
18. Net Electrical Energy Generated (MWH)	203 927	1 891 641	26 421 637
19. Unit Service Factor	47.3	67.7	70.1
20. Unit Availability Factor	47.3	68.0	70.2
21. Unit Capacity Factor (Using MDC Net)	42.5	65.0	66.3
22. Unit Capacity Factor (Using DER Net)	40.9	62.5	63.4
23. Unit Forced Outage Rate	0.5	0.5	3.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling, maintenance, and inspections - Nov. 9, 1980 - Jan. 10, 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):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JUNE, 1980

Page 1 of 2

DOCKET NO. 50 - 251  
 UNIT NAME Turkey Point Unit No.4  
 DATE July 5, 1980  
 COMPLETED BY V. T. Chilson  
 TELEPHONE (305) 552-3824

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
13	80-04-26	S	374.7	B	4	N/A	HB HB	HTEXCH (F) TURBIN	Unit was removed from service to perform scheduled maintenance and inspections, including Steam Generator Tube Inspection Program, and Turbine L.P. rotor changeout. (Continued from previous month) (Nuclear and Non-nuclear system)
14	80-06-17	S	1.8	B	3	N/A	HB	INSTRU (C)	Unit was removed from service to test turbine overspeed protection trip device. Reactor was tripped by steam generator No.4C level protection system during a transient condition. (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)

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)

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JUNE, 1980

Page 2 of 2

DOCKET NO. 50 - 251  
 UNIT NAME Turkey Point Unit No.4  
 DATE July 5, 1980  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

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
15	80-06-17	F	2.8	A	3	N/A	HA	TURBIN	Unit was tripped by steam generator No. 4C level protection system during a transient condition while increasing load after the unit was returned to service. (Non-nuclear system)

<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)

<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

(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335  
 UNIT St. Lucie  
Unit No. 1  
 DATE July 5, 1980  
 COMPLETED BY V. T. Chilson  
 TELEPHONE (305) 552-3824

MONTH JUNE, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>793</u>
2	<u>792</u>
3	<u>790</u>
4	<u>741</u>
5	<u>685</u>
6	<u>786</u>
7	<u>789</u>
8	<u>790</u>
9	<u>789</u>
10	<u>787</u>
11	<u>73</u>
12	<u>---</u>
13	<u>---</u>
14	<u>---</u>
15	<u>---</u>
16	<u>---</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>---</u>
18	<u>---</u>
19	<u>---</u>
20	<u>---</u>
21	<u>---</u>
22	<u>---</u>
23	<u>---</u>
24	<u>---</u>
25	<u>---</u>
26	<u>---</u>
27	<u>---</u>
28	<u>---</u>
29	<u>---</u>
30	<u>164</u>
<del>31</del>	<u>---</u>

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 July 5, 1980

COMPLETED BY V.T. Chilson

TELEPHONE (305) 552-3824

## OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: June, 1980
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., until June 11, 1980, when the unit was removed from service to repair mechanical seals on reactor coolant pumps, except for load reduction of June 4-5, 1980.

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	720.0	4 367.0	30 911.0
12. Number Of Hours Reactor Was Critical	256.0	2 536.2	24 045.9
13. Reactor Reserve Shutdown Hours	-0-	-0-	129.5
14. Hours Generator On-Line	252.2	2 444.3	23 274.3
15. Unit Reserve Shutdown Hours	-0-	-0-	32.0
16. Gross Thermal Energy Generated (MWH)	625 343	6 003 127	56 262 693
17. Gross Electrical Energy Generated (MWH)	203 250	1 937 780	18 232 280
18. Net Electrical Energy Generated (MWH)	188 166	1 816 304	17 144 200
19. Unit Service Factor	35.0	56.0	75.3
20. Unit Availability Factor	35.0	56.0	75.4
21. Unit Capacity Factor (Using MDC Net)	33.6	53.5	71.4
22. Unit Capacity Factor (Using DER Net)	32.6	51.9	69.2
23. Unit Forced Outage Rate	65.0	16.5	6.7
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: N/A

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

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JUNE, 1980

DOCKET NO. 50 - 335  
 UNIT NAME St. Lucie Unit No.1  
 DATE July 5, 1980  
 COMPLETED BY V. T. Chilson  
 TELEPHONE (305) 552-3824

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
8	80-06-04	S	-0-	B	4	N/A	HH	FILTER	Load reduction to approximately 50% R.P. to clean steam generator feed-water pump No. 1B suction strainer. (Non-nuclear system)
9	80-06-11	F	467.8	A	2		WB	VALVOP	Reactor was manually tripped when component cooling water to reactor coolant pump mechanical seals was lost and could not be immediately restored due to closure of HCV-14-6. Corrective actions included providing a backup nitrogen supply to the diaphragm operated component cooling water valves. Electrical conduit was repaired to prevent entry of water. Outage was extended to inspect mechanical seals on reactor coolant pumps.
							CB	PUMPXX	

<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)

<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

(9/77)

343  
JUL 5 1980  
JUL 5, 1980

Office of Management Information  
and Program Controls  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Gentlemen:

Attached are the June, 1980, Operating Summary Reports for  
Turkey Point Unit Nos. 3 and 4 and St. Lucie Unit No. 1.

Very truly yours,



A. D. Schmidt  
Vice President  
Power Resources

VTC/DDC

cc: Mr. James P. O'Reilly  
Robert Lowenstein, Esquire

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 250

UNIT Turkey Point  
Unit No. 3

DATE July 5, 1980

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH JUNE, 1980

Unit No. 3 operated at approximately 100% R.P., except for outage of June 10, 1980. Refer to "Unit Shutdowns and Power Reductions" section of June, 1980, 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.

SUMMARY OF OPERATING EXPERIENCE

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

DATE July 5, 1980

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH JUNE, 1980

Unit No. 4 operated at approximately 100% R.P. after the unit was returned to service on June 16, 1980, following completion of scheduled maintenance and inspections, except for outages of June 17, 1980. Refer to "Unit Shutdowns and Power Reductions" section of the June, 1980, 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.

Turbine L.P. rotor changeout completed.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 335  
UNIT St. Lucie  
Unit No. 1  
DATE July 5, 1980  
COMPLETED BY V. T. Chilson  
TELEPHONE (305) 552-3824

REPORT MONTH JUNE, 1980

Unit operated at approximately 100% R.P., until June 11, 1980, when the unit was removed from service to repair mechanical seals on reactor coolant pumps, except for load reduction of June 4-5, 1980. Refer to "Unit Shutdowns and Power Reductions" section of the June, 1980, 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.

Replaced mechanical seals on reactor coolant pump Nos. 1A1, 1A2, 1B1, and 1B2.