

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250  
Turkey Point  
 UNIT Unit No. 3

DATE Sept. 6, 1980

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH AUGUST, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>643</u>
2	<u>639</u>
3	<u>636</u>
4	<u>637</u>
5	<u>646</u>
6	<u>576</u>
7	<u>503</u>
8	<u>664</u>
9	<u>658</u>
10	<u>655</u>
11	<u>658</u>
12	<u>656</u>
13	<u>656</u>
14	<u>656</u>
15	<u>649</u>
16	<u>656</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>653</u>
18	<u>650</u>
19	<u>647</u>
20	<u>653</u>
21	<u>647</u>
22	<u>650</u>
23	<u>652</u>
24	<u>656</u>
25	<u>657</u>
26	<u>652</u>
27	<u>645</u>
28	<u>642</u>
29	<u>643</u>
30	<u>644</u>
31	<u>648</u>

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.

(9/77)

8009170281.

# OPERATING DATA REPORT

DOCKET NO. 50-250  
 DATE Sept. 6, 1980  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

## OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: August, 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): 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:  
Maximum Dependable Capacity (Gross MWe) has been rerated to the most restricted seasonal conditions (summer) experienced. Maximum Dependable Capacity (Net MWe) has been rerated accordingly.
9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: \_\_\_\_\_

Notes - Unit No. 3 operated at approximately 100% R.P., except for outage of Aug. 6-7, 1980

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>5 855.0</u>	<u>67 856.6</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>4 979.7</u>	<u>52 249.2</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>213.4</u>
14. Hours Generator On-Line	<u>737.9</u>	<u>4 809.4</u>	<u>50 499.6</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>121.8</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 613 090</u>	<u>10 410 368</u>	<u>101 879 002</u>
17. Gross Electrical Energy Generated (MWH)	<u>503 570</u>	<u>3 275 415</u>	<u>32 356 415</u>
18. Net Electrical Energy Generated (MWH)	<u>478 174</u>	<u>3 104 278</u>	<u>30 626 372</u>
19. Unit Service Factor	<u>99.2</u>	<u>82.1</u>	<u>74.4</u>
20. Unit Availability Factor	<u>99.2</u>	<u>82.1</u>	<u>74.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.5</u>	<u>82.1</u>	<u>70.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>92.7</u>	<u>76.5</u>	<u>65.1</u>
23. Unit Forced Outage Rate	<u>0.8</u>	<u>1.3</u>	<u>2.5</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):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH AUGUST, 1980

DOCKET NO. 50 - 250  
 UNIT NAME Turkey Point Unit No.3  
 DATE Sept. 6, 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
16	80-08-06	F	6.1	B	4	N/A	CB	MOTORX	Unit No. 3 was removed from service due to low oil level in reactor coolant pump motor No. 3C. Corrective actions included adding oil. (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 - 251  
Turkey Point  
 UNIT Unit No. 4

DATE Sept. 6, 1980

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH AUGUST, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>633</u>
2	<u>631</u>
3	<u>635</u>
4	<u>630</u>
5	<u>633</u>
6	<u>640</u>
7	<u>644</u>
8	<u>645</u>
9	<u>644</u>
10	<u>641</u>
11	<u>643</u>
12	<u>641</u>
13	<u>640</u>
14	<u>641</u>
15	<u>639</u>
16	<u>640</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>639</u>
18	<u>634</u>
19	<u>635</u>
20	<u>634</u>
21	<u>635</u>
22	<u>636</u>
23	<u>638</u>
24	<u>640</u>
25	<u>642</u>
26	<u>634</u>
27	<u>630</u>
28	<u>632</u>
29	<u>636</u>
30	<u>636</u>
31	<u>637</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 Sept. 6, 1980  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

## OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: August, 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): 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:  
Maximum Dependable Capacity (Gross MWe) has been rerated to the most restricted seasonal conditions (summer) experienced. Maximum Dependable Capacity (Net MWe) has been rerated accordingly.
9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: \_\_\_\_\_

Notes - Unit No. 4 operated at approximately 100% R.P.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	5 855.0	61 584.0
12. Number Of Hours Reactor Was Critical	744.0	4 532.1	45 359.9
13. Reactor Reserve Shutdown Hours	-0-	12.3	-166.6
14. Hours Generator On-Line	744.0	4 444.8	43 627.3
15. Unit Reserve Shutdown Hours	-0-	12.3	31.2
16. Gross Thermal Energy Generated (MWH)	1 633 024	9 629 136	90 848 116
17. Gross Electrical Energy Generated (MWH)	499 282	2 997 355	28 900 833
18. Net Electrical Energy Generated (MWH)	474 126	2 840 239	27 370 235
19. Unit Service Factor	100.0	75.9	70.8
20. Unit Availability Factor	100.0	76.1	70.9
21. Unit Capacity Factor (Using MDC Net)	98.6	75.1	69.0
22. Unit Capacity Factor (Using DER Net)	92.0	70.0	64.1
23. Unit Forced Outage Rate	-0-	0.3	3.0

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):
- |                      | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY  | _____    | _____    |
| INITIAL ELECTRICITY  | _____    | _____    |
| COMMERCIAL OPERATION | _____    | _____    |

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH AUGUST, 1980

DOCKET NO. 50 - 251  
 UNIT NAME Turkey Point Unit No. 4  
 DATE Sept. 6, 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
	<u>N O N E</u>								

<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

(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

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

DATE Sept. 6, 1980

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH AUGUST, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>775</u>
2	<u>794</u>
3	<u>796</u>
4	<u>777</u>
5	<u>770</u>
6	<u>792</u>
7	<u>791</u>
8	<u>790</u>
9	<u>791</u>
10	<u>792</u>
11	<u>798</u>
12	<u>797</u>
13	<u>718</u>
14	<u>126</u>
15	<u>255</u>
16	<u>394</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>---</u>
18	<u>673</u>
19	<u>787</u>
20	<u>786</u>
21	<u>725</u>
22	<u>783</u>
23	<u>783</u>
24	<u>782</u>
25	<u>782</u>
26	<u>757</u>
27	<u>759</u>
28	<u>781</u>
29	<u>779</u>
30	<u>780</u>
31	<u>749</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 Sept. 6, 1980  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

## OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: August, 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., except for outages of Aug. 14, 14-15, and 16-18, 1980, and reduced load operation of Aug. 14-18, 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>744.0</u>	<u>5 855.0</u>	<u>32 399.0</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>4 000.2</u>	<u>25 509.9</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>129.5</u>
14. Hours Generator On-Line	<u>701.4</u>	<u>3 889.7</u>	<u>24 719.7</u>
15. Unit Reserve Shutdown Hours	<u>7.3</u>	<u>7.3</u>	<u>39.3</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 697 623</u>	<u>9 575 354</u>	<u>59 834 920</u>
17. Gross Electrical Energy Generated (MWH)	<u>551 240</u>	<u>3 101 490</u>	<u>19 395 990</u>
18. Net Electrical Energy Generated (MWH)	<u>519 201</u>	<u>2 915 036</u>	<u>18 242 932</u>
19. Unit Service Factor	<u>94.3</u>	<u>66.4</u>	<u>76.3</u>
20. Unit Availability Factor	<u>95.3</u>	<u>66.6</u>	<u>76.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>89.8</u>	<u>64.1</u>	<u>72.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>87.0</u>	<u>62.1</u>	<u>70.2</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>11.1</u>	<u>6.4</u>
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):	Forecast	Achieved
INITIAL CRITICALITY	<u>      </u>	<u>      </u>
INITIAL ELECTRICITY	<u>      </u>	<u>      </u>
COMMERCIAL OPERATION	<u>      </u>	<u>      </u>



## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 335

UNIT NAME St. Lucie Unit No.1DATE Sept. 6, 1980COMPLETED BY V. T. ChilsonTELEPHONE (305) 552-3824REPORT MONTH AUGUST, 1980

Page 1 of 2

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
11	80-08-14	S	10.7	A	4	N/A	EG	TRANSF	Unit was removed from service to isolate main power transformer No. 1B to repair oil leak. Corrective actions included installing new bushing. (Non-nuclear system)
12	80-08-14	S	-0-	B	4	N/A	EG	TRANSF	Load was limited to the capacity of main transformer No. 1A. (Non-nuclear system)
13	80-08-14	S	7.3	F	4	N/A	EG	TRANSF	Unit was removed from service to protect personnel using a crane to remove a faulty bushing from main power transformer No. 1B. (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)

<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)

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 335UNIT NAME St. Lucie Unit No.1DATE Sept. 6, 1980COMPLETED BY V. T. ChilsonTELEPHONE (305) 552-3824REPORT MONTH AUGUST, 1980

Page 2 of 2

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	80-08-17	S	24.6	B	1	N/A	EG	TRANSF	Unit was removed from service to install new bushing and return main power transformer No. 1B to service. (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)

<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)




September 6, 1980

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

Gentlemen:

Attached are the August, 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 Sept. 6, 1980

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH AUGUST, 1980

Unit No. 3 operated at approximately 100% R.P., except for outage of Aug. 6-7, 1980. Refer to "Unit Shutdowns and Power Reductions" section of August, 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 Sept. 6, 1980

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH AUGUST, 1980

Unit No. 4 operated at approximately 100% R.P. Refer to "Unit Shut-downs and Power Reductions" section of the August, 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.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 335

UNIT St. Lucie  
Unit No. 1

DATE Sept. 6, 1980

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH AUGUST, 1980

Unit operated at approximately 100% R.P., except for outages of August 14, 14-15, and 16-18, 1980, and reduced load operation of August 14-18, 1980. Refer to "Unit Shutdowns and Power Reductions" section of the August, 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.

A modification to provide redundant 15 volt power supply to each Control Element Assembly drive mechanism core power programmer is in progress.