

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250

UNIT Turkey Point  
Unit No. 3

DATE July 1, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH JUNE, 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>660</u>	17	<u>659</u>
2	<u>585</u>	18	<u>659</u>
3	<u>---</u>	19	<u>543</u>
4	<u>56</u>	20	<u>651</u>
5	<u>649</u>	21	<u>649</u>
6	<u>657</u>	22	<u>646</u>
7	<u>659</u>	23	<u>648</u>
8	<u>660</u>	24	<u>642</u>
9	<u>661</u>	25	<u>640</u>
10	<u>659</u>	26	<u>637</u>
11	<u>658</u>	27	<u>636</u>
12	<u>659</u>	28	<u>631</u>
13	<u>366</u>	29	<u>632</u>
14	<u>649</u>	30	<u>631</u>
15	<u>653</u>	-31-	<u>---</u>
16	<u>657</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)

8004240

474



**OPERATING DATA REPORT**

DOCKET NO. 50-250  
 DATE July 1, 1978  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

**OPERATING STATUS**

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: June, 1978
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 2-4, and load reduction on June 13, 1978.

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	4 343.0	48 824.6
12. Number Of Hours Reactor Was Critical	681.7	3 149.7	38 375.6
13. Reactor Reserve Shutdown Hours	-0-	73.9	185.0
14. Hours Generator On-Line	675.0	3 002.1	37 088.5
15. Unit Reserve Shutdown Hours	-0-	-0-	85.0
16. Gross Thermal Energy Generated (MWH)	1 443 357	6 372 529	73 146 721
17. Gross Electrical Energy Generated (MWH)	449 980	2 033 555	23 317 900
18. Net Electrical Energy Generated (MWH)	426 643	1 922 695	22 069 345
19. Unit Service Factor	93.7	69.1	76.0
20. Unit Availability Factor	93.7	69.1	76.1
21. Unit Capacity Factor (Using MDC Net)	89.0	66.5	67.9
22. Unit Capacity Factor (Using DER Net)	82.3	63.9	65.2
23. Unit Forced Outage Rate	-0-	0.7	2.7

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Steam Generator Tube Inspection Program - September 26 - October 16, 1978

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 JUNE, 1978

DOCKET NO. 50 - 250  
 UNIT NAME Turkey Point Unit No. 3  
 DATE July 1, 1978  
 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
11	78-06-02	S	45.0	B	1	N/A	HA	TURBIN	Unit was removed from service to balance turbine-generator. (Non-nuclear system)
							HB	VALVEX (C)	Outage was extended to repair steam leak on check valve. (Non-nuclear system)
12	78-06-13	F	-0-	A	4	N/A	HC	HTEXCH (D)	Load reduction to locate and repair condenser tube leaks. (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)

**AVERAGE DAILY UNIT POWER LEVEL**

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

DATE July 1, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH JUNE, 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>628</u>	17	<u>631</u>
2	<u>626</u>	18	<u>636</u>
3	<u>624</u>	19	<u>635</u>
4	<u>619</u>	20	<u>620</u>
5	<u>622</u>	21	<u>617</u>
6	<u>621</u>	22	<u>617</u>
7	<u>616</u>	23	<u>613</u>
8	<u>577</u>	24	<u>598</u>
9	<u>596</u>	25	<u>598</u>
10	<u>610</u>	26	<u>602</u>
11	<u>610</u>	27	<u>591</u>
12	<u>611</u>	28	<u>585</u>
13	<u>620</u>	29	<u>585</u>
14	<u>618</u>	30	<u>587</u>
15	<u>621</u>	<del>31</del>	<u>        </u>
16	<u>625</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 July 1, 1978  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: June, 1978
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. during month.

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>4 343.0</u>	<u>42 552.0</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>3 782.1</u>	<u>31 255.0</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>138.8</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>3 776.1</u>	<u>29 899.4</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 568 169</u>	<u>8 239 523</u>	<u>63 325 191</u>
17. Gross Electrical Energy Generated (MWH)	<u>464 735</u>	<u>2 576 490</u>	<u>20 400 415</u>
18. Net Electrical Energy Generated (MWH)	<u>440 613</u>	<u>2 448 672</u>	<u>19 345 157</u>
19. Unit Service Factor	<u>100.0</u>	<u>86.9</u>	<u>70.3</u>
20. Unit Availability Factor	<u>100.0</u>	<u>86.9</u>	<u>70.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>91.9</u>	<u>84.7</u>	<u>68.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>88.3</u>	<u>81.4</u>	<u>65.6</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>-0-</u>	<u>2.9</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling, maintenance, and inspections - August 1 - September 25, 1978

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**

REPORT MONTH JUNE, 1978

DOCKET NO. 50 - 251  
 UNIT NAME Turkey Point Unit No. 4  
 DATE July 1, 1978  
 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>NONE</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

UNIT St. Lucie  
Unit No. 1

DATE July 1, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH JUNE, 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>96</u>	17	<u>767</u>
2	<u>331</u>	18	<u>767</u>
3	<u>163</u>	19	<u>771</u>
4	<u>504</u>	20	<u>771</u>
5	<u>254</u>	21	<u>770</u>
6	<u>611</u>	22	<u>766</u>
7	<u>628</u>	23	<u>765</u>
8	<u>627</u>	24	<u>629</u>
9	<u>620</u>	25	<u>252</u>
10	<u>746</u>	26	<u>775</u>
11	<u>357</u>	27	<u>764</u>
12	<u>556</u>	28	<u>780</u>
13	<u>757</u>	29	<u>784</u>
14	<u>769</u>	30	<u>768</u>
15	<u>762</u>	<del>31</del>	<u>          </u>
16	<u>766</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 1, 1978  
 COMPLETED BY V. T. Chilson  
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1  
 2. Reporting Period: June, 1978  
 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 No. 1 operated at approximately 99% R.P. following completion of required Power Ascension Tests after refueling, except for outages of June 1,3,5,24-25, and load reduction of June 12-14, 1978.

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>4 343.0</u>	<u>13 367.0</u>
12. Number Of Hours Reactor Was Critical	<u>705.4</u>	<u>2 826.2</u>	<u>10 726.4</u>
13. Reactor Reserve Shutdown Hours	<u>13.5</u>	<u>16.9</u>	<u>118.5</u>
14. Hours Generator On-Line	<u>678.7</u>	<u>2 664.6</u>	<u>10 346.3</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 488 742</u>	<u>6 379 971</u>	<u>24 229 185</u>
17. Gross Electrical Energy Generated (MWH)	<u>479 720</u>	<u>2 078 750</u>	<u>7 873 510</u>
18. Net Electrical Energy Generated (MWH)	<u>449 130</u>	<u>1 948 885</u>	<u>7 391 462</u>
19. Unit Service Factor	<u>94.3</u>	<u>61.4</u>	<u>77.4</u>
20. Unit Availability Factor	<u>94.3</u>	<u>61.4</u>	<u>77.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>80.3</u>	<u>57.5</u>	<u>71.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>77.8</u>	<u>56.0</u>	<u>68.9</u>
23. Unit Forced Outage Rate	<u>3.0</u>	<u>2.0</u>	<u>8.0</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Steam Generator Tube Inspection Program - October 10 - November 11, 1978

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

REPORT MONTH JUNE, 1978

DOCKET NO. 50-335

UNIT NAME St. Lucie Unit No. 1

DATE July 1, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

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
8	78-03-28	S	0.7	C	4	N/A	ZZ	ZZZZZZ	Unit No. 1 remained out of service for scheduled refueling, maintenance, and inspections. (Continued from previous month). (Nuclear and non-nuclear systems).
9	78-06-01	F	3.0	B	3	N/A	HA	TURBIN	Unit was removed from service to test turbine overspeed trip device. (Non-nuclear system).
10	78-06-03	F	12.7	A	4	N/A	HA	PIPEXX	Unit was removed from service to locate and repair hydrogen leak. Corrective actions included repairing leak at flanged fitting. (Non-nuclear system).
11	78-06-03	F	0.2	H	4	N/A	HB	HTEXCH (F)	Unit was removed from service due to high level in steam generator while increasing load during unit startup.

1  
F: Forced  
S: Scheduled

2  
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)

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

DOCKET NO. 50-335  
 UNIT NAME St. Lucie Unit No. 1  
 DATE July 1, 1978  
 COMPLETED BY V. T. Chilson  
 TELEPHONE (305) 552-3824

REPORT MONTH JUNE, 1978

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
12	78-06-05	F	8.3	B	4	N/A	HA	TURBIN	Unit was removed from service to balance turbine-generator. (Non-nuclear system).
13	78-06-10	F	-0-	B	4	N/A	HH	MECFUN	Load reduction to balance steam generator feedwater pump No. 1B. Corrective actions included re-aligning pump-motor coupling. (Non-nuclear system).
14	78-06-24	S	16.2	B	1	N/A	HF	HTEXCH (D)	Unit was removed from service for maintenance work on circulating water system, cleaning condensers and miscellaneous maintenance on secondary systems. (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)




July 4, 1978

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

Gentlemen:

Attached are the June, 1978, 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 - 335

UNIT St. Lucie  
Unit No. 1

DATE July 4, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH JUNE, 1978

St. Lucie Unit No. 1 was returned to service on June 1, 1978 following completion of scheduled refueling, maintenance, and inspections. The Unit was operated at approximately 99% R.P. following the completion of the required Power Ascension Tests, except for the outages of June 1, 3, 5, 24-25, and the load reduction of June 12-14, 1978. Refer to the Unit Shutdowns and Power Reductions Section of the Operating Status Report for details.

No Major Safety-related Maintenance was performed during the month.





SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 250

UNIT Turkey Point  
Unit No. 3

DATE July 4, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH JUNE, 1978

Turkey Point Unit No. 3 operated at approximately 100% R.P. during the month, except for the outage of June 2-4, and the load reduction on June 13, 1978. Refer to the Unit Shutdowns and Power Reductions Section of the Operating Status Report for details.

No Major Safety-related Maintenance was performed during the month.



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 251

UNIT Turkey Point  
Unit No. 4

DATE July 4, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH JUNE, 1978

Turkey Point Unit No. 4 operated at approximately 100% R.P. during the month.

No Major safety-related maintenance was performed during the month.