

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE April 7, 1979
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: March, 1979
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 scheduled refueling, maintenance, and inspections continued 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>744.0</u>	<u>2 160.0</u>	<u>55 401.6</u>
12. Number Of Hours Reactor Was Critical	<u>-0-</u>	<u>1.8</u>	<u>42 574.2</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>194.6</u>
14. Hours Generator On-Line	<u>-0-</u>	<u>1.4</u>	<u>41 178.7</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>97.3</u>
16. Gross Thermal Energy Generated (MWH)	<u>-0-</u>	<u>707</u>	<u>81 767 655</u>
17. Gross Electrical Energy Generated (MWH)	<u>-0-</u>	<u>175</u>	<u>26 034 605</u>
18. Net Electrical Energy Generated (MWH)	<u>- 2 084</u>	<u>- 5 275</u>	<u>24 641 902</u>
19. Unit Service Factor	<u>-0-</u>	<u>0.1</u>	<u>74.3</u>
20. Unit Availability Factor	<u>-0-</u>	<u>0.1</u>	<u>74.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>-0-</u>	<u>-0-</u>	<u>67.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>-0-</u>	<u>-0-</u>	<u>64.2</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>-0-</u>	<u>2.6</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: April 14, 1979
 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 April 7, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH MARCH, 1979

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
1	79-01-01	S	744.0	C	4	N/A	RC	FUELXX	Unit No. 3 was removed from service for scheduled refueling, maintenance, and inspections. (Continued from previous month) (Nuclear and 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

AVERAGE DAILY UNIT POWER LEVEL

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

DATE April 4, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH MARCH, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>595</u>	17	<u>477</u>
2	<u>588</u>	18	<u>607</u>
3	<u>586</u>	19	<u>607</u>
4	<u>587</u>	20	<u>602</u>
5	<u>542</u>	21	<u>596</u>
6	<u>528</u>	22	<u>338</u>
7	<u>580</u>	23	<u>205</u>
8	<u>584</u>	24	<u>586</u>
9	<u>568</u>	25	<u>589</u>
10	<u>---</u>	26	<u>602</u>
11	<u>---</u>	27	<u>620</u>
12	<u>535</u>	28	<u>619</u>
13	<u>607</u>	29	<u>620</u>
14	<u>601</u>	30	<u>624</u>
15	<u>605</u>	31	<u>622</u>
16	<u>609</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 April 7, 1979
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: March, 1979
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 93% R.P. to extend operation of Core Cycle V except for outages of March 10-12, March 17, and March 22-23, 1979.

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>2 160.0</u>	<u>49 129.0</u>
12. Number Of Hours Reactor Was Critical	<u>676.3</u>	<u>2 092.3</u>	<u>36 440.0</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>138.8</u>
14. Hours Generator On-Line	<u>670.0</u>	<u>2 086.0</u>	<u>34 903.1</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 364 505</u>	<u>3 866 943</u>	<u>72 006 810</u>
17. Gross Electrical Energy Generated (MWH)	<u>417 440</u>	<u>1 204 955</u>	<u>23 040 680</u>
18. Net Electrical Energy Generated (MWH)	<u>393 054</u>	<u>1 135 750</u>	<u>21 820 455</u>
19. Unit Service Factor	<u>90.1</u>	<u>96.6</u>	<u>71.0</u>
20. Unit Availability Factor	<u>90.1</u>	<u>96.6</u>	<u>71.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>79.3</u>	<u>79.0</u>	<u>67.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>76.2</u>	<u>75.9</u>	<u>64.1</u>
23. Unit Forced Outage Rate	<u>3.7</u>	<u>1.2</u>	<u>2.7</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled refueling, maintenance, and inspections - April 5 - June 5, 1979

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 April 7, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH MARCH, 1979

Page 1 of 2

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	79-02-01	S	-0-	F	4	N/A	RC	FUELXX	Load reduction to approximately 90% R.P. to extend operation of Core Cycle V. (Continued from previous month)
4	79-03-09	S	47.9	B	1	N/A	ZZ	ZZZZZZ	Unit No. 4 was removed from service to perform integrated safeguards surveillance test. (Nuclear System)
5	79-03-17	F	1.2	H	3	N/A	IA	INSTRU	Unit was tripped by the reactor protection system during the performance of a periodic surveillance test when the second of two channels was placed in test mode in error. (Nuclear system)

1
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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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 251
 UNIT NAME Turkey Point Unit No. 4
 DATE April 7, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH MARCH, 1979

Page 2 of 2

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
6	79-03-17	F	0.8	A	3	N/A	HA	VALVEX	Unit was manually tripped due to the sudden closure of a turbine stop valve caused by a malfunction in the turbine control system. Corrective actions included exercising the turbine stop valves. (Non-nuclear system)
7	79-03-22	F	24.1	B	2	N/A	CB	VALVEX (H)	Unit was removed from service to repair miscellaneous leaks on valves located inside containment. Corrective actions included adding or replacing valve stem packing. (Nuclear system)

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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)

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 Method:
 1-Manual
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 Exhibit I - Same Source

(9/77)

● AVERAGE DAILY UNIT POWER LEVEL ●

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

DATE April 7, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH MARCH, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>774</u>	17	<u>787</u>
2	<u>770</u>	18	<u>787</u>
3	<u>785</u>	19	<u>786</u>
4	<u>786</u>	20	<u>785</u>
5	<u>784</u>	21	<u>784</u>
6	<u>786</u>	22	<u>783</u>
7	<u>786</u>	23	<u>783</u>
8	<u>778</u>	24	<u>783</u>
9	<u>757</u>	25	<u>782</u>
10	<u>786</u>	26	<u>783</u>
11	<u>772</u>	27	<u>784</u>
12	<u>769</u>	28	<u>784</u>
13	<u>772</u>	29	<u>783</u>
14	<u>721</u>	30	<u>784</u>
15	<u>777</u>	31	<u>731</u>
16	<u>786</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 April 7, 1979
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: March, 1979
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 - St. Lucie Unit No. 1 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>744.0</u>	<u>2 160.0</u>	<u>19 944.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>2 009.4</u>	<u>16 797.0</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>118.5</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>1 991.6</u>	<u>16 350.8</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>21.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 891 957</u>	<u>5 038 847</u>	<u>39 256 995</u>
17. Gross Electrical Energy Generated (MWH)	<u>611 290</u>	<u>1 635 500</u>	<u>12 742 450</u>
18. Net Electrical Energy Generated (MWH)	<u>578 332</u>	<u>1 544 191</u>	<u>11 987 029</u>
19. Unit Service Factor	<u>100.0</u>	<u>92.2</u>	<u>82.0</u>
20. Unit Availability Factor	<u>100.0</u>	<u>92.2</u>	<u>82.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.0</u>	<u>92.0</u>	<u>77.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.9</u>	<u>89.1</u>	<u>74.9</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>7.8</u>	<u>6.6</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled refueling, maintenance, and inspections - April 1 - June 4, 1979

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 April 7, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH MARCH, 1979

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
									<u>N</u> <u>O</u> <u>N</u> <u>E</u> <u> </u> <u> </u> <u> </u> <u> </u>

¹
 F: Forced
 S: Scheduled

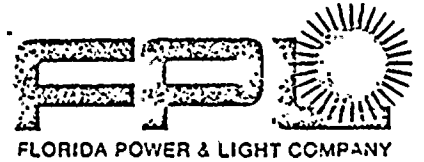
²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

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⁵
 Exhibit I - Same Source

(9/77)




April 7, 1979

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

Gentlemen:

Attached are the March, 1979, 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 April 7, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH MARCH, 1979

Unit scheduled refueling, maintenance, and inspections continued during month. Refer to "Unit Shutdowns and Power Reductions" section of the March, 1979 operating Status Report for additional information.

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

Performed Containment Integrated Leakage Rate Surveillance Test.

Performed Integrated Engineered Safety Features and Emergency Power Supply Surveillance Test.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 251

UNIT Turkey Point
Unit No. 4

DATE April 7, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH MARCH, 1979

Unit operated at approximately 93% R.P. to extend operation of Core Cycle V except for outages of March 10-12, March 17, and March 22-23, 1979. Refer to "Unit Shutdowns and Power Reductions" section of the March, 1979, Operating Status Report for additional information.

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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. .50 - 335

UNIT St. Lucie
Unit No. 1

DATE April 7, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH MARCH, 1979

Unit operated at approximately 100% R.P. during month. Refer to "Unit Shutdowns and Power Reductions" section of March, 1979 Operating Status Report for additional information.

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