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 FACIL:50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250  
~~50-251~~ Turkey Point Plant, Unit 4, Florida Power and Light C 05000251  
 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335  
 AUTH.NAME AUTHOR AFFILIATION  
 SCHMIDT, A.O. Florida Power & Light Co.  
 RECIP.NAME RECIPIENT AFFILIATION  
 Office of Management and Program Analysis

SUBJECT: Forwards monthly operating repts for May 1979.

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June 9, 1979

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

Gentlemen:

Attached are the May, 1979, Operating Status 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

3004280330

A 008  
S  
1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250  
Turkey Point  
 UNIT Unit No. 3  
 DATE June 9, 1979

COMPLETED BY V. T. Chilson  
 TELEPHONE (305) 552-3824

MONTH MAY, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>664</u>	17	<u>661</u>
2	<u>667</u>	18	<u>664</u>
3	<u>665</u>	19	<u>666</u>
4	<u>499</u>	20	<u>664</u>
5	<u>666</u>	21	<u>664</u>
6	<u>665</u>	22	<u>660</u>
7	<u>667</u>	23	<u>660</u>
8	<u>666</u>	24	<u>658</u>
9	<u>664</u>	25	<u>608</u>
10	<u>661</u>	26	<u>---</u>
11	<u>660</u>	27	<u>---</u>
12	<u>658</u>	28	<u>---</u>
13	<u>658</u>	29	<u>---</u>
14	<u>654</u>	30	<u>---</u>
15	<u>660</u>	31	<u>---</u>
16	<u>660</u>		

NOTE: Average daily power level greater than 666MWe 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)

30041 00332

**OPERATING DATA REPORT**

DOCKET NO. 50 - 250  
 DATE June 9, 1979  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

**OPERATING STATUS**

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: May, 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 operated at approximately 100% R.P. until Unit was removed from service to perform integrated safeguards surveillance test, except for outage of May 4, 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>3 623.0</u>	<u>56 864.6</u>
12. Number Of Hours Reactor Was Critical	<u>598.1</u>	<u>943.2</u>	<u>43 515.6</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>194.6</u>
14. Hours Generator On-Line	<u>595.6</u>	<u>831.7</u>	<u>42 009.0</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>97.3</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 299 648</u>	<u>1 750 006</u>	<u>83 516 954</u>
17. Gross Electrical Energy Generated (MWH)	<u>412 265</u>	<u>554 600</u>	<u>26 589 030</u>
18. Net Electrical Energy Generated (MWH)	<u>392 189</u>	<u>514 830</u>	<u>25 162 007</u>
19. Unit Service Factor	<u>80.1</u>	<u>23.0</u>	<u>73.9</u>
20. Unit Availability Factor	<u>80.1</u>	<u>23.0</u>	<u>74.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>79.1</u>	<u>21.3</u>	<u>67.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>76.1</u>	<u>20.5</u>	<u>63.9</u>
23. Unit Forced Outage Rate	<u>0.6</u>	<u>12.5</u>	<u>2.8</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: June 1, 1979
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



**UNIT SHUTDOWNS AND POWER REDUCTIONS**

REPORT MONTH MAY, 1979

DOCKET NO. 50 - 250  
 UNIT NAME Turkey Point Unit No. 3  
 DATE June 9, 1979  
 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	79-05-04	F	3.6	A	3	N/A	HH	VALVEX	Unit was tripped by steam generator No. 3B level protection system. Corrective actions included replacing failed gasket in condensate recirculation line. (Non-nuclear system)
9	79-05-25	S	144.8	B	1	N/A	ZZ	ZZZZZZ	Unit was removed from service to perform integrated safeguards surveillance test. (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  
Turkey Point

UNIT Unit No. 4

DATE June 9, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH MAY, 1979

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.

**OPERATING DATA REPORT**

DOCKET NO. 50 - 251  
 DATE June 9, 1979  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: May, 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 scheduled refueling, maintenance, inspections, and tests continued during the 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	744.0	3 623.0	50 592.0
12. Number Of Hours Reactor Was Critical	-0-	2 188.3	36 535.9
13. Reactor Reserve Shutdown Hours	-0-	-0-	138.8
14. Hours Generator On-Line	-0-	2 182.0	35 001.0
15. Unit Reserve Shutdown Hours	-0-	-0-	-0-
16. Gross Thermal Energy Generated (MWH)	-0-	4 077 101	72 216 968
17. Gross Electrical Energy Generated (MWH)	-0-	1 267 100	23 102 825
18. Net Electrical Energy Generated (MWH)	- 1 239	1 191 500	21 876, 205
19. Unit Service Factor	-0-	60.2	69.2
20. Unit Availability Factor	-0-	60.2	69.2
21. Unit Capacity Factor (Using MDC Net)	-0-	49.4	65.3
22. Unit Capacity Factor (Using DER Net)	-0-	47.5	62.4
23. Unit Forced Outage Rate	-0-	1.4	2.7

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: June 17, 1979

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY, 1979

DOCKET NO. 50 - 251  
 UNIT NAME Turkey Point Unit No.4  
 DATE June 9, 1979  
 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
9	79-04-05	S	744.0	C	4	N/A	RC	FUELXX	Unit No. 4 remained out of service for scheduled refueling, maintenance, and inspections. (Nuclear and non-nuclear systems) (Continued from previous month)

<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 - 335  
St. Lucie

UNIT Unit No. 1

DATE June 9, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH MAY, 1979

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.

**OPERATING DATA REPORT**

DOCKET NO. 50 - 335  
 DATE June 9, 1979  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

**OPERATING STATUS**

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: May, 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 - Scheduled refueling, maintenance, inspections and tests continued during the 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>3 623.0</u>	<u>21 407.0</u>
12. Number Of Hours Reactor Was Critical	<u>0.0</u>	<u>2 009.5</u>	<u>16 797.1</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>118.5</u>
14. Hours Generator On-Line	<u>0.0</u>	<u>1 991.7</u>	<u>16 350.9</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>21.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0.0</u>	<u>5 038 847</u>	<u>39 256 995</u>
17. Gross Electrical Energy Generated (MWH)	<u>0.0</u>	<u>1 635 500</u>	<u>12 742 450</u>
18. Net Electrical Energy Generated (MWH)	<u>- 3 760</u>	<u>- 1 539 542</u>	<u>11 982 380</u>
19. Unit Service Factor	<u>0.0</u>	<u>55.0</u>	<u>76.4</u>
20. Unit Availability Factor	<u>0.0</u>	<u>55.0</u>	<u>76.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0.0</u>	<u>54.7</u>	<u>72.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>0.0</u>	<u>53.0</u>	<u>69.8</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>7.8</u>	<u>6.6</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: June 8, 1979

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

REPORT MONTH MAY, 1979

DOCKET NO. 50 - 335  
 UNIT NAME St. Lucie Unit No.1  
 DATE June 9, 1979  
 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
5	79-04-01	S	744.0.	C	4	N/A	RC	FUELXX	Unit was removed from service for scheduled refueling, maintenance, and inspections. (Continued from previous month) (Nuclear and non-nuclear systems)

<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






June 9, 1979

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

Gentlemen:

Attached are the May, 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 June 9, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH MAY, 1979

Unit operated at approximately 100% R.P. until Unit was removed from service to perform integrated safeguards surveillance test, except for outage of May 4, 1979. Refer to "Unit Shutdowns and Power Reductions" section of the May, 1979, Operating Status Report for additional information.

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

Replaced exciter power transformers on Emergency Diesel-Generator No. A. Refer to LER 250-79-20 for additional details.

Repaired voltage regulator on Emergency Diesel-Generator No. B. Refer to LER 250-79-20 for additional details.





SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 251  
UNIT Turkey Point  
Unit No. 4  
DATE June 9, 1979  
COMPLETED BY V. T. Chilson  
TELEPHONE (305) 552-3824

REPORT MONTH MAY, 1979

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

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

Installed 65 new fuel assemblies.

Safety-related pipe hanger anchor inspection and repair program (IE Bulletin No. 79-02) in progress.

Installed spare rotating element in high-head safety injection pump No. 4B.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 335  
UNIT St. Lucie  
Unit No. 1  
DATE June 9, 1979  
COMPLETED BY V.T. Chilson  
TELEPHONE (305) 552-3824

REPORT MONTH MAY, 1979

Scheduled refueling, maintenance, inspections, and tests continued during the month. Refer to "Unit Shutdowns and Power Reductions" section of the May, 1979, Operating Status Report for additional information.

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

Completed modification of charging pump suction piping.

Charging pump No. 1B was returned to service. Corrective actions included installing new pump casing. Refer to LER 335-79-17.

