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AUTH. NAME: SCHMIDT, A. D.
 RECIP. NAME: AUTHORITY AFFILIATION: Florida Power & Light Co.
 RECIPIENT AFFILIATION: Office of Management and Program Analysis

SUBJECT: Forwards monthly operating repts for Apr 1979..

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May 2, 1979

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

Gentlemen:

Attached are the April, 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

Acos
5/11

AVERAGE DAILY UNIT POWER LEVEL

8 005200 499

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

DATE May 2, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH APRIL, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	----	17	79
2	----	18	329
3	----	19	230
4	----	20	----
5	----	21	----
6	----	22	----
7	----	23	400
8	----	24	670
9	----	25	674
10	----	26	671
11	----	27	666
12	----	28	661
13	----	29	578
14	----	30	611
15	----	--31--	-----
16	----		

NOTE: Average daily power level greater than 666 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 - 250
 DATE May 2, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: April, 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. following completion of re-fueling outage on April 16, 1979 except for outages of April 16, 17-18, 19-23 and 29-30, 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	719.0	2 879.0	56 120.6
12. Number Of Hours Reactor Was Critical	343.2	345.0	42 917.4
13. Reactor Reserve Shutdown Hours	-0-	-0-	194.6
14. Hours Generator On-Line	234.7	236.1	41 413.4
15. Unit Reserve Shutdown Hours	-0-	-0-	97.3
16. Gross Thermal Energy Generated (MWH)	449 651	450 358	82 217 306
17. Gross Electrical Energy Generated (MWH)	142 160	142 335	26 176 765
18. Net Electrical Energy Generated (MWH)	127 916	122 641	24 769 818
19. Unit Service Factor	32.6	8.2	73.8
20. Unit Availability Factor	32.6	8.2	74.0
21. Unit Capacity Factor (Using MDC Net)	26.7	6.4	66.9
22. Unit Capacity Factor (Using DER Net)	25.7	6.1	63.7
23. Unit Forced Outage Rate	32.9	32.9	2.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
None

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 - 250

UNIT NAME Turkey Point Unit No. 3

DATE May 2, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH APRIL, 1979

Page 1 of 3

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	368.8	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 systems)
							CB	PUMPXX (B)	Outage was extended to repair mechanical seals on reactor coolant pumps. (Nuclear system)
2	79-04-16	F	1.6	H	3	N/A	HA	PUMPXX (B)	Unit was tripped due to loss of turbine system oil pressure. Corrective actions included returning the turbine oil ejectors to service. (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 C - 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 - 250
 UNIT NAME Turkey Point Unit No. 3
 DATE May 2, 1979
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH APRIL, 1979

Page 2 of 3

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	79-04-16	F	4.8	B	4	N/A	HA	GENERA	Unit was removed from service to balance the generator exciter. (Non-nuclear system)
4	79-04-16	F	8.0	B	4	N/A	HA	GENERA	Unit was removed from service to balance the generator exciter. (Non-nuclear system)
5	79-04-17	F	13.7	B	4	N/A	HA	GENERA	Unit was removed from service to balance the generator exciter. (Non-nuclear system)
6	79-04-19	F	84.9	B	1	N/A	HA	GENERA	Unit was removed from service due to high temperature in generator stator. Corrective actions included changes to hydrogen orifices to provide proper hydrogen flow distribution. (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 APRIL, 1979

Page 3 of 3

DOCKET NO. 50 - 250
 UNIT NAME Turkey Point Unit No. 3
 DATE May 2, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

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
7	79-04-29	F	2.6	A	1	N/A	HH	VALVEX (C)	Unit was tripped by steam generator level protection system. Corrective actions included isolating and repairing condensate pump No. 3C discharge check valve. (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)

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 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 May 2, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH APRIL, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>622</u>	17	<u>---</u>
2	<u>612</u>	18	<u>---</u>
3	<u>610</u>	19	<u>---</u>
4	<u>605</u>	20	<u>---</u>
5	<u>---</u>	21	<u>---</u>
6	<u>---</u>	22	<u>---</u>
7	<u>---</u>	23	<u>---</u>
8	<u>---</u>	24	<u>---</u>
9	<u>---</u>	25	<u>---</u>
10	<u>---</u>	26	<u>---</u>
11	<u>---</u>	27	<u>---</u>
12	<u>---</u>	28	<u>---</u>
13	<u>---</u>	29	<u>---</u>
14	<u>---</u>	30	<u>---</u>
15	<u>---</u>	31	<u>---</u>
16	<u>---</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 May 2, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: April, 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 95% R.P. until unit was removed from service for scheduled refueling, maintenance, and inspections except for outage of April 4-5, 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	719.0	2 879.0	49 848.0
12. Number Of Hours Reactor Was Critical	96.0	2 188.3	36 535.9
13. Reactor Reserve Shutdown Hours	-0-	-0-	138.8
14. Hours Generator On-Line	96.0	2 182.0	35 001.0
15. Unit Reserve Shutdown Hours	-0-	-0-	-0-
16. Gross Thermal Energy Generated (MWH)	210 158	4 077 101	72 216 968
17. Gross Electrical Energy Generated (MWH)	62 145	1 267 100	23 102 825
18. Net Electrical Energy Generated (MWH)	56 989	1 192 739	21 877 444
19. Unit Service Factor	13.3	75.8	70.2
20. Unit Availability Factor	13.3	75.8	70.2
21. Unit Capacity Factor (Using MDC Net)	11.9	62.2	66.3
22. Unit Capacity Factor (Using DER Net)	11.4	59.8	63.3
23. Unit Forced Outage Rate	4.4	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 5, 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 - 251

UNIT NAME Turkey Point Unit No.4

DATE May 2, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH APRIL, 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
8	79-04-04	F	4.4	H	3	N/A	ZZ	ZZZZZZ	Unit was tripped by turbine-generator protection system due to system load conditions. (Non-nuclear system)
9	79-04-05	S	618.6	C	4	N/A	RC	FUELXX	Unit No. 4 out of service for scheduled refueling, maintenance, and inspections. (Nuclear and non-nuclear systems)

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 - 335

St. Lucie

UNIT Unit No. 1

DATE May 2, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH APRIL, 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	---	-3+-	---
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 May 2, 1979
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: April, 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 - Unit was removed from service on April 1, 1979, for scheduled refueling, maintenance, and inspections.

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>719.0</u>	<u>2 879.0</u>	<u>20 663.0</u>
12. Number Of Hours Reactor Was Critical	<u>0.1</u>	<u>2 009.5</u>	<u>16 797.1</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>118.5</u>
14. Hours Generator On-Line	<u>0.1</u>	<u>1 991.7</u>	<u>16 350.9</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>21.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>-0-</u>	<u>5 038 847</u>	<u>39 256 995</u>
17. Gross Electrical Energy Generated (MWH)	<u>-0-</u>	<u>1 635 500</u>	<u>12 742 450</u>
18. Net Electrical Energy Generated (MWH)	<u>- 889</u>	<u>1 543 302</u>	<u>11 986 140</u>
19. Unit Service Factor	<u>0.0</u>	<u>69.2</u>	<u>79.1</u>
20. Unit Availability Factor	<u>0.0</u>	<u>69.2</u>	<u>79.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0.0</u>	<u>70.0</u>	<u>74.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>0.0</u>	<u>66.8</u>	<u>72.3</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 4, 1979

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 APRIL, 1979

DOCKET NO. 50 - 335
 UNIT NAME St. Lucie Unit No.1
 DATE May 2, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

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
5	79-04-01	S	718.9	C	1	N/A	RC	FUELXX	Unit was removed from service for scheduled refueling, maintenance, and inspections. (Nuclear and non-nuclear systems)

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




May 2, 1979

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

Gentlemen:

Attached are the April, 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 May 2, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH APRIL, 1979

Unit operated at approximately 100% R.P. after the unit was returned to service following completion of scheduled refueling, maintenance, inspections, and tests, except for the outages of April 16, 17-18, 19-23 and 29-30, 1979. 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:

Completed repairs to mechanical seals on reactor coolant pumps.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 251

UNIT Turkey Point
Unit No. 4

DATE May 2, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH APRIL, 1979

Unit operated at approximately 100% R.P. until unit was removed from service for scheduled refueling, maintenance, and inspections except for outage of April 4-5, 1979. 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:

Completed the Steam Generator Tube Inspection Program.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 335

UNIT St. Lucie
Unit No. 1

DATE May 2, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH. APRIL, 1979

Unit was removed from service on April 1, 1979, for scheduled refueling, maintenance, and inspection. 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 68 new fuel assemblies.

Completed modifications to steam generator tube support plates.

Started modification of charging pump suction piping.