

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250
Turkey Point

UNIT Unit No. 3

DATE May 9, 1981

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH APRIL, 1981

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.

(9/77)

#105180170

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE May 9, 1981
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

- 1. Unit Name: Turkey Point Unit No. 3
- 2. Reporting Period: April, 1981
- 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: _____

Notes - Unit No. 3 remained out of service for scheduled refueling, maintenance and inspections until April 21, 1981, when the stator core failed while preparing to synchronize generator after scheduled refueling was com-

- 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	73 664.6
12. Number Of Hours Reactor Was Critical	67.3	1 459.3	55 760.1
13. Reactor Reserve Shutdown Hours	223.0	223.0	436.4
14. Hours Generator On-Line	-0-	1 385.6	53 891.0
15. Unit Reserve Shutdown Hours	-0-	-0-	121.8
16. Gross Thermal Energy Generated (MWH)	-0-	3 025 277	109 197 555
17. Gross Electrical Energy Generated (MWH)	-0-	940 415	34 693 625
18. Net Electrical Energy Generated (MWH)	- 6 627	924 375	32 833 860
19. Unit Service Factor	-0-	48.1	73.2
20. Unit Availability Factor	-0-	48.1	73.3
21. Unit Capacity Factor (Using MDC Net)	-0-	49.7	69.3
22. Unit Capacity Factor (Using DER Net)	-0-	46.3	64.3
23. Unit Forced Outage Rate	31.6	14.1	2.8
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: Not determined
 - 26. Units In Test Status (Prior to Commercial Operation):
- | | | |
|----------------------|----------|----------|
| | Forecast | Achieved |
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL, 1981

DOCKET NO. 50 - 250
 UNIT NAME Turkey Point Unit No.3
 DATE May 9, 1981
 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
03	81-02-28	S	491.8	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)
04	81-04-21	F	227.2	A	1		HA	GENERA (D)	Stator core failed while preparing to synchronize generator after scheduled refueling.

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) - Continuing
 5-Load Reduction
 9-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



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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 251
Turkey Point

UNIT Unit No. 4

DATE May 9, 1981

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH APRIL, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	678
2	678
3	675
4	678
5	678
6	677
7	679
8	682
9	680
10	201
11	520
12	674
13	674
14	674
15	675
16	675

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	678
18	678
19	674
20	669
21	661
22	660
23	657
24	656
25	662
26	663 DST
27	666
28	675
29	676
30	672
31	

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.



OPERATING DATA REPORT

DOCKET NO. 50 - 251
 DATE May 9, 1981
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: April, 1981
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:

Notes - Unit No. 4 operated at approximately 100% R.P. except for outages of April 10, and 11, 1981.--

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	67 392.0
12. Number Of Hours Reactor Was Critical	706.1	2 442.0	49 454.9
13. Reactor Reserve Shutdown Hours	-0-	-0-	166.6
14. Hours Generator On-Line	700.5	2 366.4	47 645.3
15. Unit Reserve Shutdown Hours	-0-	-0-	31.2
16. Gross Thermal Energy Generated (MWH)	1 531 694.	5 134 832	99 516 187
17. Gross Electrical Energy Generated (MWH)	492 180	1 661 670	31 634 834
18. Net Electrical Energy Generated (MWH)	468 451	1 576 916	29 960 936
19. Unit Service Factor	97.4	82.2	70.7
20. Unit Availability Factor	97.4	82.2	70.7
21. Unit Capacity Factor (Using MDC Net)	100.9	84.8	69.0
22. Unit Capacity Factor (Using DER Net)	94.0	79.0	64.2
23. Unit Forced Outage Rate	0.6	6.8	3.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Steam Generator Tube Inspection Program - July 11 - August 14, 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 APRIL, 1981

DOCKET NO. 50 - 251
 UNIT NAME Turkey Point Unit No.4
 DATE May 9, 1981
 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
06	81-04-10	S	14.2	B	1	N/A	IB	ZZZZZZ	Unit No. 4 was removed from service to perform Integrated Engineered Safeguards Surveillance Test. (Nuclear system)
07	81-04-11	F	4.3	A	3		HA	MECFUN	Unit was tripped by reactor protection system caused by malfunction of the turbine auxiliary governor control system. (Non-nuclear system)

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) Continuing
 5-Load Reduction
 9-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 9, 1981

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH APRIL, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>795</u>
2	<u>797</u>
3	<u>794</u>
4	<u>794</u>
5	<u>794</u>
6	<u>794</u>
7	<u>794</u>
8	<u>795</u>
9	<u>794</u>
10	<u>793</u>
11	<u>794</u>
12	<u>794</u>
13	<u>794</u>
14	<u>793</u>
15	<u>793</u>
16	<u>449</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>---</u>
18	<u>---</u>
19	<u>---</u>
20	<u>---</u>
21	<u>160</u>
22	<u>755</u>
23	<u>787</u>
24	<u>791</u>
25	<u>789</u>
26	<u>790 DST</u>
27	<u>789</u>
28	<u>789</u>
29	<u>790</u>
30	<u>789</u>
31	<u>---</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 May 9, 1981
 COMPLETED BY V. T. Chilson
 TELEPHONE (305)552-3824

OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: April, 1981
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 outage of April 16-21, 1981.

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	38 207.0
12. Number Of Hours Reactor Was Critical	599.7	2 759.7	31 185.0
13. Reactor Reserve Shutdown Hours	-0-	-0-	129.5
14. Hours Generator On-Line	598.2	2 758.2	30 389.3
15. Unit Reserve Shutdown Hours	-0-	-0-	39.3
16. Gross Thermal Energy Generated (MWH)	1 517 646	7 010 391	74 258 539
17. Gross Electrical Energy Generated (MWH)	496 710	2 303 440	24 113 300
18. Net Electrical Energy Generated (MWH)	468 399	2 179 551	22 707 037
19. Unit Service Factor	83.2	95.8	79.5
20. Unit Availability Factor	83.2	95.8	79.6
21. Unit Capacity Factor (Using MDC Net)	83.8	97.4	76.5
22. Unit Capacity Factor (Using DER Net)	81.2	94.4	74.1
23. Unit Forced Outage Rate	4.0	0.9	5.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled refueling, maintenance, and inspections - October 4 - December 5, 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 APRIL, 1981

DOCKET NO. 50 - 335
 UNIT NAME St. Lucie Unit No. 1
 DATE May 9, 1981
 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
02	81-04-16	F	24.8	A	2		EA	TRANSF	Unit was manually tripped when arcing was observed on the B phase bushing on power transformer No. 1B. Corrective actions included installing new B phase bushing on power transformer Nos. 1A and 1B and inspection of both power transformers. (Non-nuclear system)
		S	96	B	4		ZZ	ZZZZZZ	Outage was extended to perform maintenance on primary and secondary systems. (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) Continuing
 5-Load Reduction
 9-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 9, 1981

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

Gentlemen:

Attached are the April, 1981, Operating Summary Reports
for Turkey Point Unit Nos. 3 and 4 and St. Lucie Unit
No. 1.

Very truly yours,

for 
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 9, 1981
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3824

REPORT MONTH APRIL, 1981

Unit No. 3 remained out of service for scheduled refueling, maintenance, and inspections until April 21, 1981, when the stator core failed while preparing to synchronize generator after scheduled refueling was completed. Refer to "Unit Shutdowns and Power Reductions" section of April, 1981, 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.

Completed installation of 40 new fuel assemblies.

Completed performance of Integrated Engineered Safeguards Surveillance Test.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 251

UNIT Turkey Point
Unit No. 4

DATE May 9, 1981

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH APRIL, 1981

Unit No. 4 operated at approximately 100% R.P. except for outages of April 10, and 11, 1981. Refer to "Unit Shutdowns and Power Reductions" section of April, 1981, 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.



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2. [unclear] [unclear]

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 335

UNIT St. Lucie
Unit No. 1

DATE May 9, 1981

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH APRIL, 1981

Unit operated at approximately 100% R.P. except for outage of April 16-21, 1981. Refer to "Unit Shutdowns and Power Reductions" section of April, 1981, 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.

Replaced pressurizer safety valve No. V-1200.



10-10-10