AVERAGE DAILY UNIT POWER LEVEL

8005200 550

DOCKET NO. 50 - 250
UNIT Turkey Point Unit No. 3
DATE Jan. 5, 1980
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3824

MONTH DECEMBER, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	9	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)

OPERATING DATA REPORT

DOCKET NO. 50-250
DATE Jan.5,1980
COMPLETED BY V.T. Chilson
TELEPHONE (305)552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: December, 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 was removed from service on Dec. 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	744.0	8 760.0	62 001.6
12. Number Of Hours Reactor Was Critical	2.6	4 697.1	47 269.5
13. Reactor Reserve Shutdown Hours	-0-	18.7	213.3
14. Hours Generator On-Line	2.4	4 512.9	45 690.2
15. Unit Reserve Shutdown Hours	-0-	24.5	121.8
16. Gross Thermal Energy Generated (MWH)	2 229	9 701 686	91 466 634
17. Gross Electrical Energy Generated (MWH)	585	3 046 570	29 081 000
18. Net Electrical Energy Generated (MWH)	- 1 405	2 874 917	27 522 094
19. Unit Service Factor	0.3	51.5	73.7
20. Unit Availability Factor	0.3	51.8	73.9
21. Unit Capacity Factor (Using MDC Net)	-0-	49.3	67.2
22. Unit Capacity Factor (Using DER Net)	-0-	47.4	64.1
23. Unit Forced Outage Rate	-0-	3.5	2.6

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: January 26, 1980.
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER, 1979

DOCKET NO. 50 - 250
UNIT NAME Turkey Point Unit No.3
DATE Jan. 5, 1980
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
23	79-12-01	S	741.6	C	1	N/A	RC	FUELXX	Unit No. 3 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 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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 251
UNIT Turkey Point Unit No. 4
DATE Jan. 5, 1980
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3824

MONTH DECEMBER, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	675	17	666
2	674	18	669
3	672	19	31
4	670	20	---
5	670	21	---
6	666	22	---
7	662	23	---
8	668	24	513
9	665	25	490
10	668	26	632
11	668	27	671
12	667	28	673
13	172	29	669
14	---	30	673
15	---	31	672
16	643		

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.

(9/77)

OPERATING DATA REPORT

DOCKET NO. 50-251
DATE Jan.5,1980
COMPLETED BY V.T. Chilson
TELEPHONE (305)552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: December, 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 100% R.P., except for outages of Dec. 13-15, 15, 19-24, 1979, and load reduction of Dec. 25-26, 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	744.0	8 760.0	55 729.0
12. Number Of Hours Reactor Was Critical	567.5	6 480.2	40 827.8
13. Reactor Reserve Shutdown Hours	-0-	15.5	154.3
14. Hours Generator On-Line	558.9	6 363.4	39 182.4
15. Unit Reserve Shutdown Hours	-0-	18.9	18.9
16. Gross Thermal Energy Generated (MWH)	1 205 087	13 079 113	81 218 980
17. Gross Electrical Energy Generated (MWH)	384 290	4 067 753	25 903 478
18. Net Electrical Energy Generated (MWH)	363 521	3 845 291	24 529 996
19. Unit Service Factor	75.1	72.6	70.3
20. Unit Availability Factor	75.1	72.9	70.3
21. Unit Capacity Factor (Using MDC Net)	73.4	65.9	66.5
22. Unit Capacity Factor (Using DER Net)	70.5	63.3	63.5
23. Unit Forced Outage Rate	24.9	5.7	3.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled maintenance and inspections - April 27 - May 31, 1980.

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		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 251
UNIT NAME Turkey Point Unit No.4
DATE Jan. 5, 1980
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3824

REPORT MONTH DECEMBER, 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
24	79-12-13	F	62.1	A	1	N/A	HB	PIPEXX (A)	Unit was removed from service to repair steam leak on steam generator No. 4B steam flow sensing line that could not be isolated. Corrective actions included repairs by welding. (Nuclear system)
25	79-12-15	F	0.6	A	4	N/A	EA	CKTBRK (E)	Unit was removed from service to repair generator disconnect switches. Corrective actions included exercising the disconnect switches. (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)

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 - 251
UNIT NAME Turkey Point Unit No. 4
DATE Jan. 5, 1980
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3824

REPORT MONTH DECEMBER, 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
26	79-12-19	F	122.4	A	3	N/A	EB	ELECON	Unit was tripped by reactor protection system when reactor coolant pump No. 4A motor overcurrent relays actuated and tripped pump with reactor power level greater than 45% R.P. Corrective actions included repairing motor leads at the motor terminal box. (Nuclear system)
27	79-12-25	F	-0-	A	4	N/A	HC	HTEXCH (D)	Load reduction to repair condenser tube leak. (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)

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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335
UNIT St. Lucie Unit No. 1
DATE Jan. 5, 1980
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3825

MONTH DECEMBER, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	788	17	786
2	785	18	785
3	791	19	774
4	791	20	762
5	790	21	786
6	788	22	785
7	788	23	786
8	786	24	784
9	785	25	784
10	785	26	784
11	785	27	783
12	783	28	783
13	786	29	783
14	785	30	782
15	784	31	781
16	785		

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.

(9/77)

OPERATING DATA REPORT

DOCKET NO. 50 - 335
DATE Jan.5,1980
COMPLETED BY V.T. Chilson
TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: December, 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

Notes - Unit operated at approximately 100% R.P.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

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	8 760.0	26 544.0
12. Number Of Hours Reactor Was Critical	744.0	6 722.2	21 509.8
13. Reactor Reserve Shutdown Hours	-0-	11.0	129.5
14. Hours Generator On-Line	744.0	6 470.8	20 830.0
15. Unit Reserve Shutdown Hours	-0-	11.0	32.0
16. Gross Thermal Energy Generated (MWH)	1 901 210	16 041 418	50 259 566
17. Gross Electrical Energy Generated (MWH)	616 300	5 187 550	16 294 500
18. Net Electrical Energy Generated (MWH)	583 458	4 885 058	15 327 896
19. Unit Service Factor	100.0	73.9	78.5
20. Unit Availability Factor	100.0	74.0	78.6
21. Unit Capacity Factor (Using MDC Net)	100.9	71.8	74.3
22. Unit Capacity Factor (Using DER Net)	97.8	69.5	72.0
23. Unit Forced Outage Rate	-0-	3.2	5.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled refueling, maintenance, and inspections - March 16 - May 10, 1980.

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		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER, 1979

DOCKET NO. 50 - 335
UNIT NAME St. Lucie Unit No.1
DATE Jan. 5, 1980
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
	N O N E								

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)

BOX 529100, MIAMI, FL 33152

FLORIDA POWER & LIGHT COMPANY

December 8, 1979

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

Gentlemen:

Attached are the November, 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