AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250
UNIT Turkey Point Unit No. 3
DATE Oct. 4, 1980
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3824

MONTH SEPTEMBER, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	653	17	654
2	662	18	642
3	661	19	607
4	659	20	656
5	654	21	658
6	652	22	657
7	651	23	653
8	651	24	651
9	653	25	654
10	661	26	508
11	663	27	623
12	658	28	619
13	657	29	633
14	659	30	632
15	659	31	
16	661		

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.

(9/77)

OPERATING DATA REPORT

DOCKET NO. 50-250
DATE Oct.4,1980
COMPLETED BY V.T.Chilson
TELEPHONE (305)552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: September, 1980
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 operated at approximately 100% R.P., except for outage of Sept.26, and load reduction of Sept. 18-19, 1980.

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	720.0	6 575.0	68 576.6
12. Number Of Hours Reactor Was Critical	716.4	5 698.9	52 968.4
13. Reactor Reserve Shutdown Hours	-0-	-0-	213.4
14. Hours Generator On-Line	717.8	5 527.2	51 217.4
15. Unit Reserve Shutdown Hours	-0-	-0-	121.8
16. Gross Thermal Energy Generated (MWH)	1 558 594	11 968 962	103 437 596
17. Gross Electrical Energy Generated (MWH)	489 285	3 764 700	32 845 700
18. Net Electrical Energy Generated (MWH)	464 674	3 568 952	31 091 046
19. Unit Service Factor	99.7	84.1	74.7
20. Unit Availability Factor	99.7	84.1	74.9
21. Unit Capacity Factor (Using MDC Net)	99.9	84.0	70.5
22. Unit Capacity Factor (Using DER Net)	93.1	78.3	65.4
23. Unit Forced Outage Rate	0.3	1.2	2.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Steam Generator Tube Inspection Program - Oct. 6 - Nov. 1, 1980
Refueling, maintenance, and inspections - Mar. 1, 1981 - May 10, 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		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER, 1980

DOCKET NO. 50-250
UNIT NAME Turkey Point Unit No.3
DATE Oct. 4, 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
17	80-09-18	S	-0-	B	4	N/A	HA	VALVEX	Load reduction to perform periodic test of turbine main steam stop, reheat stop, and reheat intercept valves. (Non-nuclear system)
18	80-09-26	F	2.2	A	3		IA	ELECON	Unit No. 3 was tripped by reactor protection system due to spurious signal from nuclear instrumentation system channel N-41 while channel N-43 was in tripped mode. (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 - 251
UNIT Turkey Point Unit No. 4
DATE Oct. 4, 1980
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3824

MONTH SEPTEMBER, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	642	17	634
2	650	18	637
3	650	19	636
4	646	20	638
5	640	21	638
6	639	22	638
7	637	23	634
8	635	24	632
9	637	25	634
10	642	26	631
11	645	27	632
12	625	28	634
13	603	29	631
14	640	30	631
15	641	31	
16	641		

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.

(9/77)

OPERATING DATA REPORT

DOCKET NO. 50-251
DATE Oct.4,1980
COMPLETED BY V.T.Chilson
TELEPHONE (305)552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: September, 1980
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 load reduction of Sept. 12-13, 1980.

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	720.0	6 575.0	62 304.0
12. Number Of Hours Reactor Was Critical	720.0	5 252.1	46 079.9
13. Reactor Reserve Shutdown Hours	-0-	12.3	166.6
14. Hours Generator On-Line	720.0	5 164.8	44 347.3
15. Unit Reserve Shutdown Hours	-0-	12.3	31.2
16. Gross Thermal Energy Generated (MWH)	1 578 198	11 207 334	92 426 314
17. Gross Electrical Energy Generated (MWH)	482 585	3 479 940	29 383 418
18. Net Electrical Energy Generated (MWH)	458 209	3 298 448	27 828 444
19. Unit Service Factor	100.0	78.6	71.2
20. Unit Availability Factor	100.0	78.7	71.2
21. Unit Capacity Factor (Using MDC Net)	98.5	77.7	69.4
22. Unit Capacity Factor (Using DER Net)	91.8	72.4	64.5
23. Unit Forced Outage Rate	-0-	0.3	2.9

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling, maintenance, and inspections - Nov. 9, 1980 - January 10, 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		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER, 1980

DOCKET NO. 50 - 251
UNIT NAME Turkey Point Unit No.4
DATE Oct. 4, 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
17	80-09-12	S	-0-	B	4	N/A	HA	VALVEX	Load reduction to perform periodic test of turbine main steam stop, reheat stop, and reheat intercept valves. (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 Oct. 4, 1980
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3824

MONTH SEPTEMBER, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	781	17	792
2	783	18	794
3	783	19	790
4	482	20	787
5	778	21	785
6	780	22	783
7	660	23	783
8	780	24	782
9	781	25	785
10	781	26	785
11	782	27	782
12	782	28	780
13	782	29	780
14	783	30	780
15	788	31	
16	787		

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 Oct.4,1980
COMPLETED BY V.T.Chilson
TELEPHONE (305)552-3824

OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: September, 1980
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 Sept. 4, and load reduction of Sept. 4, 1980.

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	720.0	6 575.0	33 119.0
12. Number Of Hours Reactor Was Critical	717.3	4 717.4	26 327.2
13. Reactor Reserve Shutdown Hours	-0-	-0-	129.5
14. Hours Generator On-Line	716.4	4 603.1	25 433.1
15. Unit Reserve Shutdown Hours	-0-	7.3	39.3
16. Gross Thermal Energy Generated (MWH)	1 810 963	11 386 317	61 645 883
17. Gross Electrical Energy Generated (MWH)	585 790	3 687 280	19 981 720
18. Net Electrical Energy Generated (MWH)	553 858	3 468 894	18 796 790
19. Unit Service Factor	99.5	70.0	76.8
20. Unit Availability Factor	99.5	70.1	76.9
21. Unit Capacity Factor (Using MDC Net)	99.0	67.9	73.0
22. Unit Capacity Factor (Using DER Net)	95.9	65.8	70.8
23. Unit Forced Outage Rate	0.5	9.6	6.2

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: 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 - 335
UNIT NAME St. Lucie Unit No.1
DATE Oct. 4, 1980
COMPLETED BY V. T. Chilson
TELEPHONE (305)552-3824

REPORT MONTH SEPTEMBER, 1980

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
15	80-09-04	S	-0-	B	4	N/A	RB	INSTRU (P)	Load reduction to approximately 70% R.P. to continue modification of 15 volt power supply to CEA drive mechanism core power programmer. (Nuclear system)
16	80-09-04	F	3.6	A	2	335-80-50	RB	INSTRU (P)	Reactor was manually tripped when second CEA dropped before CEA No. 44 could be realigned with its bank. Corrective actions included modification of 15 volt power supply to CEAs. (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)

P.O. BOX 529100, MIAMI, FL 33152

FLORIDA POWER & LIGHT COMPANY

October 4, 1980

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

Gentlemen:

Attached are the September, 1980, 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 October 4, 1980

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH SEPTEMBER, 1980

Unit No. 3 operated at approximately 100% R.P., except for outage of September 26, and load reduction of September 18-19, 1980. Refer to "Unit Shutdowns and Power Reductions" section of September, 1980, 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.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 251

UNIT Turkey Point Unit No. 4

DATE October 4, 1980

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH SEPTEMBER, 1980

Unit No. 4 operated at approximately 100% R.P., except for load reduction of Sept. 12-13, 1980. Refer to "Unit Shutdowns and Power Reductions" section of the September, 1980, 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.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 335

UNIT St. Lucie Unit No. 1.

DATE October 4, 1980

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH SEPTEMBER, 1980

Unit operated at approximately 100% R.P., except for outage of Sept. 4, and load reduction of Sept. 4, 1980. Refer to "Unit Shutdowns and Power Reductions" section of the September, 1980, 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.

A modification to provide redundant 15 volt power supply to each Control Element Assembly drive mechanism core power programmer was completed.