

AVERAGE DAILY UNIT POWER LEVEL

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

DATE June 3, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH MAY, 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	671
2	663
3	661
4	665
5	667
6	667
7	657
8	650
9	648
10	646
11	298
12	589
13	515
14	662
15	661
16	663

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	670
18	668
19	611
20	---
21	---
22	416
23	507
24	655
25	657
26	662
27	664
28	673
29	671
30	662
31	660

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)

8004210 356

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE June 3, 1978
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
 2. Reporting Period: May, 1978
 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. except for outages of May 11, 13, and 19-22, 1978.

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	48 104.6
12. Number Of Hours Reactor Was Critical	701.9	2 468.0	37 693.9
13. Reactor Reserve Shutdown Hours	39.7	73.9	185.0
14. Hours Generator On-Line	678.2	2 327.1	36 413.5
15. Unit Reserve Shutdown Hours	-0-	-0-	85.0
16. Gross Thermal Energy Generated (MWH)	1 449 975	4 929 172	71 703 364
17. Gross Electrical Energy Generated (MWH)	458 740	1 583 575	22 867 920
18. Net Electrical Energy Generated (MWH)	435 057	1 496 052	21 642 702
19. Unit Service Factor	91.2	64.2	75.7
20. Unit Availability Factor	91.6	64.2	75.9
21. Unit Capacity Factor (Using MDC Net)	87.8	62.0	68.3
22. Unit Capacity Factor (Using DER Net)	84.4	59.6	64.9
23. Unit Forced Outage Rate	1.9	0.9	2.7

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Steam Generator Tube Inspection Program - August 17 - September 11, 1978

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
 26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 250

UNIT NAME Turkey Point Unit No. 3

DATE June 3, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH MAY, 1978

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	78-05-11	F	10.2	A	3	N/A	HJ	PIPEXX (D)	Unit was removed from service to repair leak in a moisture-separator-reheater alternate drain line to the condenser. (Non-nuclear system)
9	78-05-13	F	3.0	A	4	N/A	HH	VALVEX (C)	Unit was removed from service to repair a feed water check valve packing leak. (Non-nuclear system)
10	78-05-19	S	52.5	A	4	N/A	N/A	ZZZZZZ	Unit was removed from service to repair miscellaneous steam leaks in the secondary 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)

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
Turkey Point

UNIT Unit No. 4

DATE June 3, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH MAY, 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>656</u>	17	<u>641</u>
2	<u>646</u>	18	<u>642</u>
3	<u>642</u>	19	<u>651</u>
4	<u>648</u>	20	<u>643</u>
5	<u>655</u>	21	<u>643</u>
6	<u>652</u>	22	<u>639</u>
7	<u>644</u>	23	<u>631</u>
8	<u>642</u>	24	<u>628</u>
9	<u>645</u>	25	<u>626</u>
10	<u>644</u>	26	<u>629</u>
11	<u>642</u>	27	<u>637</u>
12	<u>647</u>	28	<u>646</u>
13	<u>647</u>	29	<u>641</u>
14	<u>644</u>	30	<u>611</u>
15	<u>643</u>	31	<u>471</u>
16	<u>646</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 June 3, 1978
 COMPLETED BY V.T. Chilson
 TELEPHONE. (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: May, 1978
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 load reduction of May 30-31, 1978.

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	41 832.0
12. Number Of Hours Reactor Was Critical	744.0	3 062.1	30 535.0
13. Reactor Reserve Shutdown Hours	-0-	-0-	138.8
14. Hours Generator On-Line	744.0	3 056.1	29 179.4
15. Unit Reserve Shutdown Hours	-0-	-0-	-0-
16. Gross Thermal Energy Generated (MWH)	1 619 083	6 671 354	61 757 022
17. Gross Electrical Energy Generated (MWH)	498 100	2 111 755	19 935 680
18. Net Electrical Energy Generated (MWH)	473 365	2 008 059	18 904 544
19. Unit Service Factor	100.0	84.4	69.8
20. Unit Availability Factor	100.0	84.4	69.8
21. Unit Capacity Factor (Using MDC Net)	95.5	83.2	68.4
22. Unit Capacity Factor (Using DER Net)	91.8	80.0	65.2
23. Unit Forced Outage Rate	-0-	-0-	3.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling, maintenance and inspections - July 25 - September 18, 1978

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 251
 UNIT NAME Turkey Point Unit No.4
 DATE Aug. 10, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH JULY, 1978

Page 1 of 2

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	78-07-07	F	0.7	A	3	N/A	HH	INSTRU (C)	Unit was tripped by steam generator No. 4A level protection system when the feedwater control valve opened in response to an erroneous control signal that resulted from the failure of an electronic component in the feedwater control system. (Non-nuclear system)
6	78-07-20	S	-0-	F	4	N/A	ZZ	ZZZZZZ	Load was reduced to approximately 50% R.P. to extend operation of Core Cycle IV.

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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335
St. Lucie

UNIT Unit No. 1

DATE June 3, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH MAY, 1978

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 3, 1978
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

- 1. Unit Name: St. Lucie Unit No. 1
- 2. Reporting Period: May, 1978
- 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 No. 1 remained out of service 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	3 623.0	12 647.0
12. Number Of Hours Reactor Was Critical	117.9	2 120.9	10 021.0
13. Reactor Reserve Shutdown Hours	3.4	3.4	105.0
14. Hours Generator On-Line	-0-	1 985.9	9 667.6
15. Unit Reserve Shutdown Hours	-0-	-0-	-0-
16. Gross Thermal Energy Generated (MWH)	-0-	4 891 229	22 740.443
17. Gross Electrical Energy Generated (MWH)	-0-	1 599 030	7 393 790
18. Net Electrical Energy Generated (MWH)	- 6 528	1 499 755	6 942 332
19. Unit Service Factor	-0-	54.8	76.4
20. Unit Availability Factor	-0-	54.8	76.4
21. Unit Capacity Factor (Using MDC Net)	-0-	53.3	70.7
22. Unit Capacity Factor (Using DER Net)	-0-	51.6	68.4
23. Unit Forced Outage Rate	-0-	1.6	8.4
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, 1978

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 - 335
 UNIT NAME St. Lucie Unit No. 1
 DATE June 3, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH MAY, 1978

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	78-03-28	S	744.0	C	4	N/A	ZZ	ZZZZZZ	Unit No. 1 remained out of service for scheduled refueling, maintenance, and inspections. (Continued from previous month) (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

(9/77)



June 13, 1978

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

Gentlemen:

Attached are the May, 1978, Operating Summary Reports for
Turkey Point Unit Nos. 3 and 4 and St. Lucie Unit No. 1.

Very truly yours,

R. 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 3, 1978
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3824

REPORT MONTH MAY, 1978

Turkey Point Unit No. 3 operated at approximately 100% R.P. during the month, except for outages of May 11, 13, and 19-22, 1978. Refer to the Unit Shutdowns and Power Reductions Section of the Operating Status Report for details.

No Major Safety-related maintenance was performed during the month.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 251
UNIT Turkey Point
Unit No. 4
DATE June 3, 1978
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3824

REPORT MONTH MAY, 1978

Turkey Point Unit No. 4 operated at approximately 100% R.P. during the month, except for load reduction of May 30-31, 1978, to repair condenser leak.

No Major Safety-related Maintenance was performed during the month.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 335

UNIT St. Lucie
Unit No. 1

DATE June 3, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH MAY, 1978

St. Lucie Unit No. 1 remained out of service during the month for scheduled refueling, maintenance, and inspections.

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

Replaced 60 Batch A fuel assemblies with 60 Batch D new fuel assemblies for Cycle 2 operation.

Removed all part length control element assemblies, including drive shaft extensions, from the reactor assembly.

Installed stainless steel sleeves in the guide tubes of the fuel assemblies under full length control element assemblies.