

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250
Turkey Point
 UNIT Unit No. 3
 DATE Aug. 10, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

MONTH JULY, 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	632	17	638
2	633	18	524
3	631	19	609
4	632	20	632
5	628	21	633
6	468	22	633
7	5	23	635
8	12	24	633
9	546	25	629
10	489	26	628
11	638	27	630
12	638	28	638
13	534	29	636
14	637	30	366
15	635	31	---
16	635		

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)

8004240 459

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE Aug. 10, 1978
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: July, 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 on July 6, 7, and 30, 1978 and load reductions on July 10, 13, and 18, 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	<u>744.0</u>	<u>5 087.0</u>	<u>49 568.6</u>
12. Number Of Hours Reactor Was Critical	<u>711.0</u>	<u>3 860.7</u>	<u>39 086.6</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>73.9</u>	<u>185.0</u>
14. Hours Generator On-Line	<u>673.5</u>	<u>3 675.6</u>	<u>37 761.9</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>85.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 405 115</u>	<u>7 777 644</u>	<u>74 551 836</u>
17. Gross Electrical Energy Generated (MWH)	<u>427 840</u>	<u>2 461 395</u>	<u>23 745 740</u>
18. Net Electrical Energy Generated (MWH)	<u>404 452</u>	<u>2 327 147</u>	<u>22 473 797</u>
19. Unit Service Factor	<u>90.5</u>	<u>72.3</u>	<u>76.2</u>
20. Unit Availability Factor	<u>90.5</u>	<u>72.3</u>	<u>76.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>81.6</u>	<u>68.7</u>	<u>68.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>78.4</u>	<u>66.0</u>	<u>65.4</u>
23. Unit Forced Outage Rate	<u>4.8</u>	<u>1.5</u>	<u>2.7</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Steam Generator Tube Inspection Program - October 9 - October 29, 1978

25. If Shut Down At End Of Report Period, Estimated Date of Startup: August 8, 1978

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 JULY, 1978

Page 1 of 3

DOCKET NO. 50 - 250

UNIT NAME Turkey Point Unit No.3

DATE Aug. 10, 1978

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
13	78-07-06	S	19.4	B	4	N/A	HH	VALVEX (F)	Unit No. 3 was removed from service to repair a leaking valve body that could not be isolated. Corrective actions included replacement of the valve. (Non-nuclear system)
14	78-07-07	F	3.0	A	3	N/A	HA	VALVEX (C)	Unit trip caused by the malfunction of the turbine control system while increasing load after returning the unit to service. (Non-nuclear system)
15	78-07-07	F	24.1	A	4	N/A	HC	HTEXCH (D)	Unit was removed from service to locate and repair condenser tube leak. (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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 250
 UNIT NAME Turkey Point Unit No.3
 DATE Aug. 10, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH JULY, 1978

Page 2 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
16	78-07-10	F	-0-	A	4	N/A	HC	HTEXCH (D)	Load reduction to locate and repair condenser tube leaks. (Non-nuclear system)
17	78-07-13	F	-0-	B	4	N/A	HA	VALVEX	Load reduction to exercise components in the turbine control system. (Non-nuclear system)
18	78-07-18	F	-0-	A	4	N/A	HC	HTEXCH (D)	Load reduction to locate and repair condenser tube leak. (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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 250
 UNIT NAME Turkey Point Unit No.3
 DATE Aug 10, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH JULY, 1978

Page 3 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
19	78-07-30	S	32.3	A	1	N/A	CB	HTEXCH (F)	Unit was removed from service to locate and repair steam generator No. 3C tube leak. (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

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH JULY, 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	586
2	584
3	585
4	589
5	582
6	586
7	552
8	587
9	592
10	372
11	586
12	586
13	511
14	586
15	579
16	586

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	592
18	592
19	592
20	440
21	273
22	277
23	280
24	278
25	281
26	263
27	277
28	276
29	275
30	241
31	220

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 Aug. 10, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

- 1. Unit Name: Turkey Point Unit No. 4
- 2. Reporting Period: July, 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. until July 20, 1978, when reactor power was reduced to approximately 50% R.P., except for the outages of July 7, and 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	5 087.0	43 296.0
12. Number Of Hours Reactor Was Critical	743.2	4 525.3	31 998.2
13. Reactor Reserve Shutdown Hours	-0-	-0-	138.8
14. Hours Generator On-Line	737.3	4 513.3	30 636.6
15. Unit Reserve Shutdown Hours	-0-	-0-	-0-
16. Gross Thermal Energy Generated (MWH)	1 300 176	9 539 699	64 625 367
17. Gross Electrical Energy Generated (MWH)	363 710	2 940 200	20 764 125
18. Net Electrical Energy Generated (MWH)	340 879	2 789 569	19 686 054
19. Unit Service Factor	99.1	88.7	70.8
20. Unit Availability Factor	99.1	88.7	70.8
21. Unit Capacity Factor (Using MDC Net)	68.8	82.3	68.8
22. Unit Capacity Factor (Using DER Net)	66.1	79.1	65.6
23. Unit Forced Outage Rate	0.9	0.1	2.9

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling, maintenance and inspections - August 13 - October 1, 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):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY, 1978

Page 1 of 2

DOCKET NO. 50 - 251
 UNIT NAME Turkey Point Unit No.4
 DATE Aug. 10, 1978
 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	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 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

REPORT MONTH JULY, 1978

Page 2 of 2

DOCKET NO. 50 - 251
 UNIT NAME Turkey Point Unit No.4
 DATE Aug. 10, 1978
 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	78-07-30	F	6.0	A	3	N/A	HB	PIPEXX (A)	Unit was removed from service to repair leak on a drain line on the main steam supply line to moisture-separator-reheater No. 4A. (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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335
St. Lucie
 UNIT Unit No. 1

DATE Aug. 10, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH JULY, 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	776	17	784
2	784	18	784
3	781	19	786
4	782	20	783
5	765	21	782
6	674	22	771
7	784	23	778
8	776	24	769
9	783	25	733
10	783	26	788
11	785	27	784
12	776	28	773
13	745	29	780
14	782	30	791
15	774	31	788
16	786		

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 Aug. 10, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: July, 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 operated at approximately 100% during month.

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>744.0</u>	<u>5 087.0</u>	<u>14 111.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>3 570.2</u>	<u>11 470.4</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>16.9</u>	<u>118.5</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>3 408.6</u>	<u>11 090.3</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 877 051</u>	<u>8 257 022</u>	<u>26 106 236</u>
17. Gross Electrical Energy Generated (MWH)	<u>609 350</u>	<u>2 688 100</u>	<u>8 482 860</u>
18. Net Electrical Energy Generated (MWH)	<u>576 237</u>	<u>2 525 122</u>	<u>7 967 699</u>
19. Unit Service Factor	<u>100.0</u>	<u>67.0</u>	<u>78.6</u>
20. Unit Availability Factor	<u>100.0 /</u>	<u>67.0</u>	<u>78.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.7</u>	<u>63.9</u>	<u>72.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.6</u>	<u>61.9</u>	<u>70.4</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>1.6</u>	<u>7.5</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Steam Generator Tube Inspection Program - October 22 - November 25, 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):
- | | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY, 1978

DOCKET NO. 50 - 335
 UNIT NAME St. Lucie Unit No. 1
 DATE Aug. 10, 1978
 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
									<u>NONE</u>

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



August 10, 1978

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

Gentlemen:

Attached are the July, 1978, 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 Aug. 10, 1978

COMPLETED BY V. T. Chilson

TELEPHONE 305) 552-3824

REPORT MONTH JULY, 1978

Turkey Point Unit No. 3 operated at approximately 100% R.P. except for outages on July 6, 7, and 30, 1978 and load reductions on July 10, 13, and 18, 1978. Refer to the Unit Shutdowns and Power Reductions Section of the Operating Status Report for details.

Major Safety-related maintenance activities performed during the month included steam generator No. 3C tube leak repairs.



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 251

UNIT Turkey Point
Unit No. 4

DATE Aug. 10, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH JULY, 1978

Turkey Point Unit No. 4 operated at approximately 100% R.P. until July 20, 1978, when reactor power was reduced to approximately 50% R.P., except for the outages of July 7, and 30-31, 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 - 335

UNIT St. Lucie
Unit No. 1

DATE Aug. 10, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH JULY, 1978

St. Lucie Unit No. 1 operated at approximately 100% R.P. during month.
No Major Safety-related maintenance was performed during the month.

