

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE Sept. 4, 1978
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: August, 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. after the Unit was returned to service on Aug. 8, 1978, except for load reduction of Aug. 8-9, 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>5 831.0</u>	<u>50 312.6</u>
12. Number Of Hours Reactor Was Critical	<u>578.6</u>	<u>4 439.3</u>	<u>39 665.2</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>73.9</u>	<u>185.0</u>
14. Hours Generator On-Line	<u>571.6</u>	<u>4 238.9</u>	<u>38 325.3</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>85.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 209 429</u>	<u>8 987 073</u>	<u>75 761 265</u>
17. Gross Electrical Energy Generated (MWH)	<u>382 230</u>	<u>2 843 625</u>	<u>24 127 970</u>
18. Net Electrical Energy Generated (MWH)	<u>362 248</u>	<u>2 689 395</u>	<u>22 836 045</u>
19. Unit Service Factor	<u>76.8</u>	<u>72.7</u>	<u>76.2</u>
20. Unit Availability Factor	<u>76.8</u>	<u>72.7</u>	<u>76.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>73.1</u>	<u>69.3</u>	<u>68.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>70.3</u>	<u>66.6</u>	<u>65.5</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>1.3</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: N/A
 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

DOCKET NO. 50 - 250
 UNIT NAME Turkey Point Unit No.3
 DATE Sept. 4, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH AUGUST, 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
19	78-07-30	S	172.5	A	4	N/A	CB	HTEXCH (F)	Unit was removed from service to locate and repair steam generator No. 3C tube leak. Corrective actions included plugging one leaking tube. (Continued from previous month) (Non-nuclear system)
20	78-07-30	F	-0-	A	4	N/A	HC	HTEXCH (D)	Load reduction to locate and repair condenser tube leaks. (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 - 251
 UNIT Turkey Point
Unit No. 4

DATE Sept. 4, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH AUGUST, 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>263</u>	17	<u>---</u>
2	<u>271</u>	18	<u>---</u>
3	<u>273</u>	19	<u>---</u>
4	<u>272</u>	20	<u>---</u>
5	<u>279</u>	21	<u>---</u>
6	<u>272</u>	22	<u>---</u>
7	<u>279</u>	23	<u>---</u>
8	<u>277</u>	24	<u>---</u>
9	<u>260</u>	25	<u>---</u>
10	<u>283</u>	26	<u>---</u>
11	<u>271</u>	27	<u>---</u>
12	<u>269</u>	28	<u>---</u>
13	<u>66</u>	29	<u>---</u>
14	<u>---</u>	30	<u>---</u>
15	<u>---</u>	31	<u>---</u>
16	<u>---</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 Sept. 4, 1978
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: August, 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 50% R.P. until Aug. 13, 1978, when the Unit was removed from 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	<u>744.0</u>	<u>5 831.0</u>	<u>44 040.0</u>
12. Number Of Hours Reactor Was Critical	<u>296.5</u>	<u>4 821.8</u>	<u>32 294.7</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>138.8</u>
14. Hours Generator On-Line	<u>296.1</u>	<u>4 809.4</u>	<u>30 932.7</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
16. Gross Thermal Energy Generated (MWH)	<u>330 035</u>	<u>9 869 734</u>	<u>64 955 402</u>
17. Gross Electrical Energy Generated (MWH)	<u>87 955</u>	<u>3 028 155</u>	<u>20 852 080</u>
18. Net Electrical Energy Generated (MWH)	<u>79 113</u>	<u>2 868 664</u>	<u>19 765 149</u>
19. Unit Service Factor	<u>39.8</u>	<u>82.5</u>	<u>70.2</u>
20. Unit Availability Factor	<u>39.8</u>	<u>82.5</u>	<u>70.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>16.0</u>	<u>73.9</u>	<u>67.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>15.3</u>	<u>71.0</u>	<u>64.8</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>0.1</u>	<u>2.9</u>

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: October 1, 1978

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH AUGUST, 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
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. (Continued from previous month)
7	78-08-13	S	447.9	C	1	N/A	ZZ	ZZZZZZ	Unit No. 4 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 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)

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 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 Sept. 4, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

MONTH AUGUST, 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>779</u>	17	<u>790</u>
2	<u>791</u>	18	<u>791</u>
3	<u>791</u>	19	<u>791</u>
4	<u>791</u>	20	<u>788</u>
5	<u>782</u>	21	<u>785</u>
6	<u>790</u>	22	<u>736</u>
7	<u>752</u>	23	<u>560</u>
8	<u>788</u>	24	<u>777</u>
9	<u>788</u>	25	<u>780</u>
10	<u>668</u>	26	<u>779</u>
11	<u>575</u>	27	<u>781</u>
12	<u>729</u>	28	<u>785</u>
13	<u>783</u>	29	<u>679</u>
14	<u>787</u>	30	<u>365</u>
15	<u>788</u>	31	<u>420</u>
16	<u>788</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 Sept. 4, 1978
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: August, 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% R.P. except for outages of Aug. 10-11, 29-30, and 31, 1978, and load reductions of Aug. 22-23, 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	5 831.0	14 855.0
12. Number Of Hours Reactor Was Critical	741.6	4 311.8	12 212.0
13. Reactor Reserve Shutdown Hours	-0-	16.9	118.5
14. Hours Generator On-Line	727.2	4 135.7	11 817.5
15. Unit Reserve Shutdown Hours	9.3	9.3	9.3
16. Gross Thermal Energy Generated (MWH)	1 781 953	10 038 975	27 888 189
17. Gross Electrical Energy Generated (MWH)	579 330	3 267 430	9 062 190
18. Net Electrical Energy Generated (MWH)	546 669	3 071 791	8 514 368
19. Unit Service Factor	97.7	70.9	79.6
20. Unit Availability Factor	99.0	71.1	79.6
21. Unit Capacity Factor (Using MDC Net)	94.6	67.8	73.8
22. Unit Capacity Factor (Using DER Net)	91.6	65.7	71.5
23. Unit Forced Outage Rate	1.9	1.6	7.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Steam Generator Tube Inspection Program - October 30 - December 3, 1978

25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 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 Sept. 4, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH AUGUST, 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
15	78-08-10	F	7.5	A	3	N/A	HA	INSTRU (C)	Unit tripped during a transient condition caused by a malfunction of the turbine control system while performing a periodic turbine control valve test. (Non-nuclear system)
16	78-08-22	S	-0-	B	4	N/A	HH	FILTER	Load reduction to clean steam generator feedwater pump No. 1B suction strainer. (Non-nuclear system)
17	78-08-29	F	6.4	A	1	N/A	EG	TRANSF	Unit was removed from service to isolate main power transformer No. 1A to repair an oil leak. Corrective actions included installing a new bushing and seal. (Non-nuclear system)

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 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)

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 3-Automatic Scram.
 4-Other (Explain)

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 Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 335
 UNIT NAME St. Lucie Unit No.1
 DATE Sept. 4, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH AUGUST, 1978

Page 2 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
18	78-08-30	S	-0-	B	4	N/A	EG	TRANSF	Load was limited to the capacity of main power transformer No. 1B. (Non-nuclear system)
19	78-08-31	S	2.9	F	1	N/A	EG	TRANSF	Unit was removed from service to protect personnel using a crane to remove a faulty bushing from main transformer No. 1A. (Non-nuclear system)

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 F: Forced
 S: Scheduled

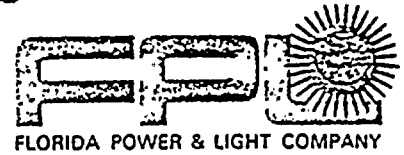
²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
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 Exhibit I - Same Source

(9/77)



September 8, 1978

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

Gentlemen:

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

Very truly yours,

J. R. Bensen
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 Sept. 8, 1978
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552. - 3824

REPORT MONTH August 1978

Unit operated at approximately 100 % R.P. after the Unit was returned to service on August 8, 1978, except for the load reduction of August 8 - 9, 1978.

Major Safety-related maintenance activities performed during the month included plugging one leaking tube in steam generator No. 3C.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 251

UNIT Turkey Point
Unit No. 4

DATE Sept. 8, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3824

REPORT MONTH August 1978

Unit operated at approximately 50 % R.P. until August 13, 1978 when the Unit was removed from service for scheduled refueling, maintenance, and inspections.

Major Safety-related maintenance performed during the month included:

Performance of Steam Generator Tube Inspection Program.
Refer to Steam Generator Inspection Report of September 6, 1978 for evaluation of inspection results and tube plugging criteria:

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 335

UNIT St. Lucie
Unit No. 1

DATE Sept. 8, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3824

REPORT MONTH August 1978

Unit operated at approximately 100 % R.P. except for outages of August 10 - 11, 29 - 30, and 31, 1978 and load reductions of August 22-23, and 30 - 31, 1978.

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