

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250
 UNIT Turkey Point
Unit No. 3
 DATE Oct. 7, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

MONTH SEPTEMBER, 1978

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|------|--|
| 1 | <u>657</u> | 17 | <u>653</u> |
| 2 | <u>659</u> | 18 | <u>517</u> |
| 3 | <u>660</u> | 19 | <u>310</u> |
| 4 | <u>660</u> | 20 | <u>656</u> |
| 5 | <u>661</u> | 21 | <u>662</u> |
| 6 | <u>661</u> | 22 | <u>615</u> |
| 7 | <u>660</u> | 23 | <u>450</u> |
| 8 | <u>658</u> | 24 | <u>260</u> |
| 9 | <u>660</u> | 25 | <u>624</u> |
| 10 | <u>652</u> | 26 | <u>660</u> |
| 11 | <u>657</u> | 27 | <u>660</u> |
| 12 | <u>660</u> | 28 | <u>659</u> |
| 13 | <u>665</u> | 29 | <u>656</u> |
| 14 | <u>663</u> | 30 | <u>656</u> |
| 15 | <u>659</u> | -31- | <u> </u> |
| 16 | <u>660</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.

(9/77)

8004240 444

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE Oct. 7, 1978
 COMPLETED BY V.T. Chilson
 TELEPHONE (305)552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: September, 1978
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 728
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 outage of Sept. 18-19, 1978, and load reductions of Sept. 22-23, and 23-24, 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>720.0</u> | <u>6 551.0</u> | <u>51 032.6</u> |
| 12. Number Of Hours Reactor Was Critical | <u>710.4</u> | <u>5 149.7</u> | <u>40 375.6</u> |
| 13. Reactor Reserve Shutdown Hours | <u>9.6</u> | <u>83.5</u> | <u>194.6</u> |
| 14. Hours Generator On-Line | <u>707.7</u> | <u>4 946.6</u> | <u>39 033.0</u> |
| 15. Unit Reserve Shutdown Hours | <u>12.3</u> | <u>12.3</u> | <u>97.3</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>1 492 193</u> | <u>10 479 266</u> | <u>77 253 458</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>469 785</u> | <u>3 313 410</u> | <u>24 597 755</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>446 134</u> | <u>3 135 529</u> | <u>23 282 179</u> |
| 19. Unit Service Factor | <u>98.3</u> | <u>75.5</u> | <u>76.5</u> |
| 20. Unit Availability Factor | <u>100.0</u> | <u>75.5</u> | <u>76.7</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>93.0</u> | <u>71.9</u> | <u>69.1</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>89.4</u> | <u>69.1</u> | <u>65.8</u> |
| 23. Unit Forced Outage Rate | <u>-0-</u> | <u>1.1</u> | <u>2.6</u> |

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled refueling, maintenance, and inspections January 8 - March 4, 1979.

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 SEPTEMBER, 1978

DOCKET NO. 50 - 250
 UNIT NAME Turkey Point Unit No.3
 DATE Oct. 7, 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 |
|-----|----------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|--|
| 21 | 78-09-18 | S | 12.3 | B | 1 | N/A | ZZ | ZZZZZZ | Unit No. 3 was removed from service to perform integrated safeguards surveillance test. (Nuclear system) |
| 22 | 78-09-22 | F | -0- | A | 4 | N/A | HC | HTEXCH (D) | Load reduction to locate and repair condenser tube leak. (Non-nuclear system) |
| 23 | 78-08-23 | 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

(9/77)



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 251
 UNIT Turkey Point
Unit No. 4
 DATE Oct. 7, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

MONTH SEPTEMBER, 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 - 251
 DATE Oct. 7, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: September, 1978
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 728
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 scheduled refueling, maintenance, and inspections continued during month. Initial reactor criticality following completion of refueling was accomplished on September 28, 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>720.0</u> | <u>6 551.0</u> | <u>44 760.0</u> |
| 12. Number Of Hours Reactor Was Critical | <u>54.7</u> | <u>4 876.5</u> | <u>32 349.4</u> |
| 13. Reactor Reserve Shutdown Hours | <u>-0-</u> | <u>-0-</u> | <u>138.8</u> |
| 14. Hours Generator On-Line | <u>-0-</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>-0-</u> | <u>9 869 734</u> | <u>64 955 402</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>-0-</u> | <u>3 028 155</u> | <u>20 852 080</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>- 3 210</u> | <u>2 865 454</u> | <u>19 761 939</u> |
| 19. Unit Service Factor | <u>-0-</u> | <u>73.4</u> | <u>69.1</u> |
| 20. Unit Availability Factor | <u>-0-</u> | <u>73.4</u> | <u>69.1</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>-0-</u> | <u>65.7</u> | <u>66.8</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>-0-</u> | <u>63.1</u> | <u>63.7</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
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER, 1978

DOCKET NO. 50 - 251
 UNIT NAME Turkey Point Unit No.4
 DATE Oct. 7, 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 | 78-08-13 | S | 720.0 | C | 4 | N/A | ZZ | ZZZZZZ | Unit No. 4 was removed from 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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335
 UNIT St. Lucie
Unit No. 1
 DATE Oct. 7, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

MONTH SEPTEMBER, 1978

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1 | <u>293</u> | 17 | <u>782</u> |
| 2 | <u>351</u> | 18 | <u>783</u> |
| 3 | <u>510</u> | 19 | <u>766</u> |
| 4 | <u>771</u> | 20 | <u>741</u> |
| 5 | <u>753</u> | 21 | <u>775</u> |
| 6 | <u>767</u> | 22 | <u>778</u> |
| 7 | <u>779</u> | 23 | <u>780</u> |
| 8 | <u>779</u> | 24 | <u>782</u> |
| 9 | <u>777</u> | 25 | <u>741</u> |
| 10 | <u>778</u> | 26 | <u>782</u> |
| 11 | <u>778</u> | 27 | <u>769</u> |
| 12 | <u>779</u> | 28 | <u>764</u> |
| 13 | <u>777</u> | 29 | <u>765</u> |
| 14 | <u>776</u> | 30 | <u>760</u> |
| 15 | <u>767</u> | | |
| 16 | <u>773</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 Oct. 7, 1978
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Sr. Lucie Unit No. 1
2. Reporting Period: September, 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. after main power transformer No.1A was returned to service on September 3, 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 | 720.0 | 6 551.0 | 15 575.0 |
| 12. Number Of Hours Reactor Was Critical | 720.0 | 5 031.8 | 12 932.0 |
| 13. Reactor Reserve Shutdown Hours | -0- | 16.9 | 118.5 |
| 14. Hours Generator On-Line | 708.3 | 4 844.0 | 12 525.8 |
| 15. Unit Reserve Shutdown Hours | 11.7 | 21.0 | 21.0 |
| 16. Gross Thermal Energy Generated (MWH) | 1 742 015 | 11 780 990 | 29 630 204 |
| 17. Gross Electrical Energy Generated (MWH) | 558 870 | 3 826 300 | 9 621 060 |
| 18. Net Electrical Energy Generated (MWH) | 527 357 | 3 599 148 | 9 041 725 |
| 19. Unit Service Factor | 98.4 | 73.9 | 80.4 |
| 20. Unit Availability Factor | 100.0 | 74.3 | 80.6 |
| 21. Unit Capacity Factor (Using MDC Net) | 94.3 | 70.7 | 74.7 |
| 22. Unit Capacity Factor (Using DER Net) | 91.3 | 68.5 | 72.4 |
| 23. Unit Forced Outage Rate | -0- | 1.4 | 6.9 |

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: 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 SEPTEMBER, 1978

DOCKET NO. 50 - 335

UNIT NAME Sr. Lucie Unit No. 1

DATE Oct. 7, 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 |
|-----|----------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|--|
| 18 | 78-08-30 | S | -0- | B | 4 | N/A | EG | TRANSF | Load was limited to the capacity of main power transformer No. 1B. (Continued from previous month) (Non-nuclear system) |
| 19 | 78-08-31 | S | 5.3 | F | 4 | N/A | EG | TRANSF | Unit was removed from service to protect personnel using a crane to remove a faulty bushing from main power transformer No. 1A. (Continued from previous month) (Non-nuclear system) |
| 20 | 78-09-02 | S | 6.4 | B | 4 | N/A | EG | TRANSF | Unit was removed from service to return main power transformer No. 1A to service after installation of a new bushing and seal. (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
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⁵
Exhibit I - Same Source

(9/77)



October 7, 1978

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

Gentlemen:

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

Very truly yours,

C. O. Woody
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 Oct. 7, 1978
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3824

REPORT MONTH SEPTEMBER, 1978

Unit operated at approximately 100% R.P. except for the outage of September 18-19, 1978, and the load reductions of September 22-23 and 23-24, 1978. Refer to "Unit Shutdowns and Power Reductions" section of the September, 1978, Operating Status Report for additional information.

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 Oct. 7, 1978
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3824

REPORT MONTH SEPTEMBER, 1978

Scheduled refueling, maintenance, and inspections outage continued during month. Initial reactor criticality following completion of refueling was accomplished on September 28, 1978.

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

Completed the Steam Generator Tube Inspection Program. Refer to Steam Generator Inspection Report of September 6, 1978, for additional information.

Installed 12 new fuel assemblies and shuffled partially spent fuel assemblies for Core Cycle V operation.

Completed modifications to charging system piping.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 335
UNIT St. Lucie
Unit No. 1
DATE Oct. 7, 1978
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3824

REPORT MONTH SEPTEMBER, 1978

Unit operated at approximately 100% R.P. after main power transformer No. 1A was returned to service on September 3, 1978.

Major Safety-related maintenance performed during the month included inspection and repairs on charging pump No. 1A. Refer to Licensee Event Report No. 335-78-34 for additional details.