

AVERAGE DAILY UNIT POWER LEVEL

8005200.396

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

DATE Oct. 6, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH SEPTEMBER, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	660	17	434
2	542	18	498
3	---	19	647
4	106	20	648
5	656	21	655
6	659	22	654
7	658	23	649
8	659	24	549
9	658	25	636
10	660	26	650
11	662	27	645
12	661	28	653
13	661	29	646
14	664	30	646
15	664	31	
16	658		

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 - 250
 DATE Oct. 6, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: September, 1979
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 Sept. 2-4, 17-18, and 24, 1979.

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	59 792.6
12. Number Of Hours Reactor Was Critical	699.6	3 372.2	45 944.6
13. Reactor Reserve Shutdown Hours	18.7	18.7	213.3
14. Hours Generator On-Line	665.0	3 195.8	44 373.1
15. Unit Reserve Shutdown Hours	24.5	24.5	121.8
16. Gross Thermal Energy Generated (MWH)	1 440 462	6 887 911	88 654 859
17. Gross Electrical Energy Generated (MWH)	451 325	2 155 885	28 190 315
18. Net Electrical Energy Generated (MWH)	427 616	2 031 189	26 678 366
19. Unit Service Factor	92.4	48.8	74.2
20. Unit Availability Factor	95.8	49.2	74.4
21. Unit Capacity Factor (Using MDC Net)	89.2	46.6	67.5
22. Unit Capacity Factor (Using DER Net)	85.7	44.7	64.4
23. Unit Forced Outage Rate	1.5	4.8	2.7

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled refueling, maintenance, and inspections - Nov. 20, 1979 - Jan. 20, 1980.

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, 1979

Page 1 of 2

DOCKET NO. 50 - 250
 UNIT NAME Turkey Point Unit No. 3
 DATE Oct. 6, 1979
 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
15	79-09-02	S	45.2	F	1	N/A	ZZ	ZZZZZZ	Unit No. 3 was removed from service as a precautionary measure due to approach of Hurricane David.
							HA	PIPEXX (A)	Outage was extended to replace failed fitting on turbine control oil line to intercept valve. (Non-nuclear system)
16	79-09-17	F	2.4	A	3	N/A	HA	INSTRU (C)	Unit was tripped by turbine protection system due to failed diaphragm in the low vacuum trip device. (Non-nuclear system)
17	79-09-17	F	5.7	B	4	N/A	HA	INSTRU (C)	Unit was removed from service to replace failed diaphragm in the low vacuum trip device. (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 October 6, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH SEPTEMBER, 1979

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	79-09-24	F	1.8	G	3	N/A	IA	INSTRU (C)	Unit tripped by the reactor protection system, during a periodic surveillance test, when a second protection channel was placed in the trip mode before the first channel was reset. (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)

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 Exhibit I - Same Source

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 251
 UNIT Turkey Point
Unit No. 4

DATE October 6, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH SEPTEMBER, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>646</u>	17	<u>655</u>
2	<u>550</u>	18	<u>651</u>
3	<u>162</u>	19	<u>650</u>
4	<u>653</u>	20	<u>653</u>
5	<u>649</u>	21	<u>656</u>
6	<u>653</u>	22	<u>656</u>
7	<u>648</u>	23	<u>652</u>
8	<u>649</u>	24	<u>649</u>
9	<u>650</u>	25	<u>648</u>
10	<u>657</u>	26	<u>654</u>
11	<u>657</u>	27	<u>649</u>
12	<u>654</u>	28	<u>653</u>
13	<u>657</u>	29	<u>642</u>
14	<u>661</u>	30	<u>646</u>
15	<u>659</u>	31	<u> </u>
16	<u>657</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 Oct. 6, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkev Point Unit No. 4
2. Reporting Period: September, 1979
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 outage of Sept. 2-3, 1979.

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>53 520.0</u>
12. Number Of Hours Reactor Was Critical	<u>704.5</u>	<u>4 518.2</u>	<u>38 865.8</u>
13. Reactor Reserve Shutdown Hours	<u>15.5</u>	<u>15.5</u>	<u>154.3</u>
14. Hours Generator On-Line	<u>701.1</u>	<u>4 420.2</u>	<u>37 239.3</u>
15. Unit Reserve Shutdown Hours	<u>18.9</u>	<u>18.9</u>	<u>18.9</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 539 735</u>	<u>8 908 801</u>	<u>77 048 668</u>
17. Gross Electrical Energy Generated (MWH)	<u>479 175</u>	<u>2 754 138</u>	<u>24 589 863</u>
18. Net Electrical Energy Generated (MWH)	<u>455 283</u>	<u>2 599 546</u>	<u>23 284 251</u>
19. Unit Service Factor	<u>97.4</u>	<u>67.5</u>	<u>69.6</u>
20. Unit Availability Factor	<u>100.0</u>	<u>67.8</u>	<u>69.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>94.9</u>	<u>59.6</u>	<u>65.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>91.2</u>	<u>57.3</u>	<u>62.8</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>4.3</u>	<u>3.0</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: 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, 1979

DOCKET NO. 50 - 251
 UNIT NAME Turkey Point Unit No.4
 DATE Oct. 6, 1979
 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
16	79-09-02	S	18.9	F	1	N/A	ZZ	ZZZZZZ	Unit No. 4 was removed from service as a precautionary measure due to the approach of Hurricane David. (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)

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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 October 6, 1979

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

MONTH SEPTEMBER, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>783</u>	17	<u>782</u>
2	<u>647</u>	18	<u>781</u>
3	<u>---</u>	19	<u>782</u>
4	<u>---</u>	20	<u>780</u>
5	<u>---</u>	21	<u>782</u>
6	<u>2</u>	22	<u>752</u>
7	<u>728</u>	23	<u>---</u>
8	<u>781</u>	24	<u>---</u>
9	<u>762</u>	25	<u>---</u>
10	<u>650</u>	26	<u>---</u>
11	<u>784</u>	27	<u>---</u>
12	<u>785</u>	28	<u>---</u>
13	<u>786</u>	29	<u>---</u>
14	<u>787</u>	30	<u>---</u>
15	<u>788</u>	31	<u>---</u>
16	<u>785</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. 6, 1979
 COMPLETED BY V.T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: September, 1979
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. until Sept. 23, 1979, when the unit was removed from service to perform the inspections required by IE Bulletin Nos. 79-13 and 79-14, except for outage of Sept. 2-6, 1979, and load reduction of Sept. 9-10, 1979.

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>24 335.0</u>
12. Number Of Hours Reactor Was Critical	<u>439.7</u>	<u>4 652.9</u>	<u>19 445.4</u>
13. Reactor Reserve Shutdown Hours	<u>11.0</u>	<u>11.0</u>	<u>129.5</u>
14. Hours Generator On-Line	<u>434.5</u>	<u>4 426.5</u>	<u>18 785.7</u>
15. Unit Reserve Shutdown Hours	<u>11.0</u>	<u>11.0</u>	<u>32.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 082 095</u>	<u>10 880 432</u>	<u>45 098 580</u>
17. Gross Electrical Energy Generated (MWH)	<u>349 470</u>	<u>3 514 590</u>	<u>14 621 540</u>
18. Net Electrical Energy Generated (MWH)	<u>328 262</u>	<u>3 304 546</u>	<u>13 747 384</u>
19. Unit Service Factor	<u>60.3</u>	<u>67.6</u>	<u>77.2</u>
20. Unit Availability Factor	<u>61.9</u>	<u>67.7</u>	<u>77.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>58.7</u>	<u>64.9</u>	<u>72.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>56.8</u>	<u>62.9</u>	<u>70.4</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>4.2</u>	<u>5.9</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: Oct. 2, 1979.

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 Oct. 6, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH SEPTEMBER, 1979

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
16	79-09-02	S	94.8	F	1	N/A	ZZ	ZZZZZZ	Unit was removed from service as a precautionary measure due to the approach of Hurricane David.
						335-79-28	EA	TRANSF	Outage was extended to isolate and inspect startup transformer No. 1B and the associated pull-off towers. (Non-nuclear system)
17	79-09-09	F	-0-	B	4	N/A	HH	FILTER	Load reduction to approximately 50% R.P. to clean condensate pump suction strainers. (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)

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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 Oct. 6, 1979
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH SEPTEMBER, 1979

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	79-09-23	S	190.7	D	1	N/A	III	PIPEXX (E)	Unit was removed from service to perform the inspections required by Bulletin Nos. 79-13 and 79-14. (Nuclear system)

¹
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 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
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 3-Automatic Scram.
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 Exhibit I - Same Source



October 6, 1979

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

Gentlemen:

Attached are the September, 1979, 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 Oct. 6, 1979

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH SEPTEMBER, 1979

Unit No. 3 operated at approximately 100% R.P., except for outages of Sept. 2-4, 17-18, and 24, 1979. Refer to "Unit Shutdowns and Power Reductions" section of the September, 1979, Operating Status Report for additional information.

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

Performing inspections required by IE Bulletin No. 79-14 on systems accessible during Unit No.3 operation.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 251
UNIT Turkey Point
Unit No. 4
DATE Oct. 6, 1979
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3824

REPORT MONTH SEPTEMBER, 1979

Unit No. 4 operated at approximately 100% R.P., except for outage of Sept. 2-3, 1979. Refer to "Unit Shutdowns and Power Reductions" section of the September, 1979, Operating Status Report for additional information.

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

Performing inspections required by IE Bulletin No. 79-14 on systems accessible during Unit No. 4 operation.

