

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250
 UNIT Turkey Point
Unit No. 3
 DATE Feb. 7, 1981
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

MONTH JANUARY, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	679
2	676
3	441
4	---
5	646
6	673
7	675
8	675
9	681
10	684
11	683
12	684
13	685
14	684
15	680
16	678

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	679
18	684
19	684
20	682
21	681
22	682
23	684
24	683
25	687
26	684
27	684
28	682
29	681
30	681
31	679

NOTE: Average daily power level greater than 646 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. 50-250
 DATE Feb. 7, 1981
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: January, 1981
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): 680
7. Maximum Dependable Capacity (Net MWe): 646
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 Jan. 3-4, 1981.

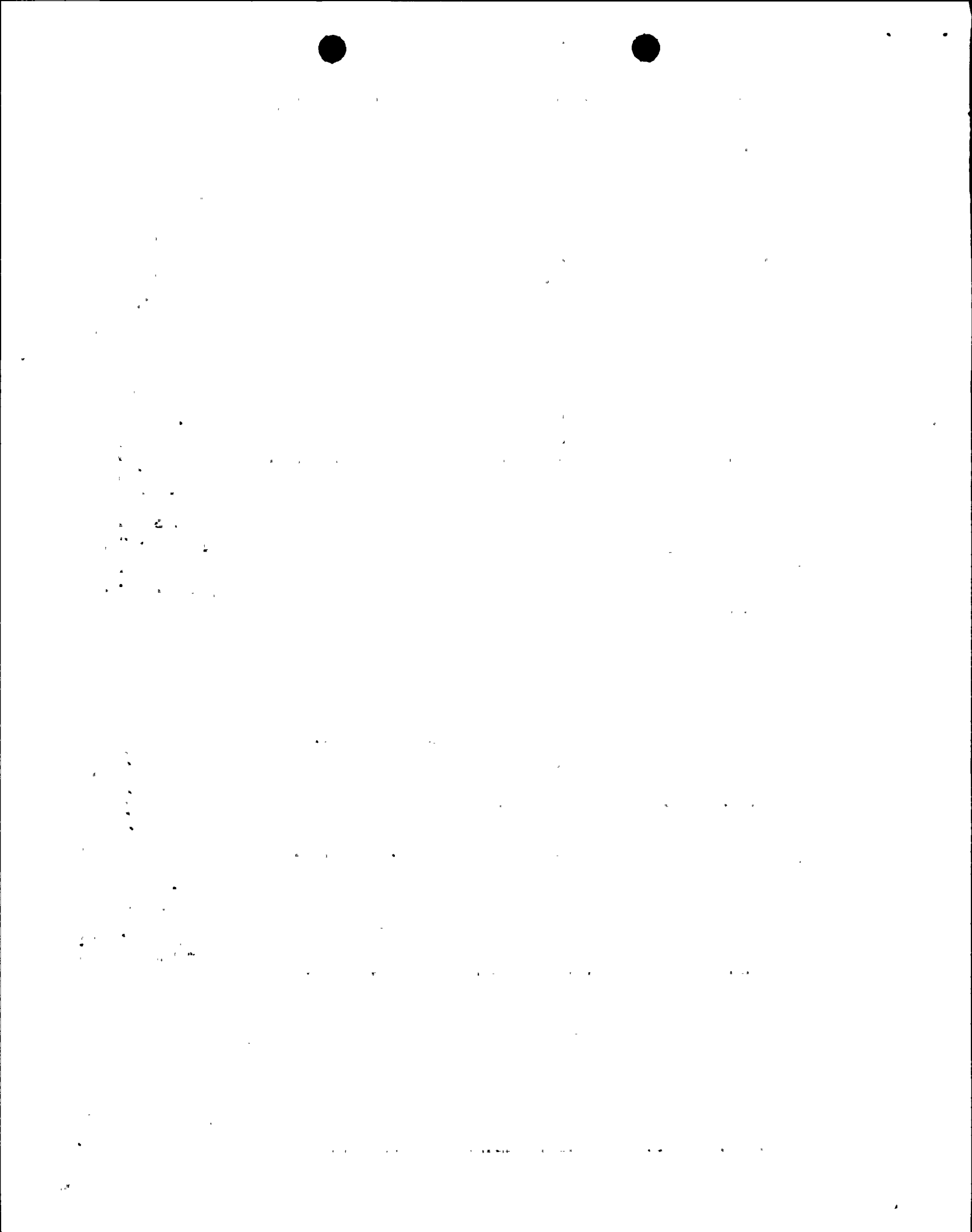
9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>744.0</u>	<u>71 529.6</u>
12. Number Of Hours Reactor Was Critical	<u>720.4</u>	<u>720.4</u>	<u>55 021.2</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>213.4</u>
14. Hours Generator On-Line	<u>714.3</u>	<u>714.3</u>	<u>53 219.6</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>121.8</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 560 412</u>	<u>1 560 412</u>	<u>107 732 690</u>
17. Gross Electrical Energy Generated (MWH)	<u>508 235</u>	<u>508 235</u>	<u>34 221 445</u>
18. Net Electrical Energy Generated (MWH)	<u>483 599</u>	<u>483 599</u>	<u>32 393 084</u>
19. Unit Service Factor	<u>96.0</u>	<u>96.0</u>	<u>74.4</u>
20. Unit Availability Factor	<u>96.0</u>	<u>96.0</u>	<u>74.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.6</u>	<u>100.6</u>	<u>70.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>93.8</u>	<u>93.8</u>	<u>65.3</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>-0-</u>	<u>2.5</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling, maintenance, and inspections - March 1, 1981 - May 8, 1981

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 Feb. 7, 1981
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH JANUARY, 1981

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
01	81-01-03	S	29.7	B	1		ZZ	ZZZZZZ	Unit No. 3 was removed from service to perform Integrated Engineered Safeguards Surveillance Test. (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) Continuing
 5-Load Reduction
 9-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 Feb. 7, 1981

COMPLETED BY V. T. Chilson

TELEPHONE (305)552-3824

MONTH JANUARY, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	---	17	662
2	---	18	668
3	---	19	664
4	---	20	663
5	---	21	666
6	---	22	677
7	---	23	682
8	---	24	681
9	---	25	684
10	---	26	682
11	---	27	682
12	---	28	682
13	---	29	682
14	41	30	681
15	299	31	679
16	589		

NOTE: Average daily power level greater than 646 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. 50-251
 DATE Feb. 7, 1981
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: January, 1981
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): 680
7. Maximum Dependable Capacity (Net MWe): 646
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. after the unit was returned to service on Jan. 14, 1981, except for outages of Jan. 14 and 15, 1981.

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>744.0</u>	<u>65 257.0</u>
12. Number Of Hours Reactor Was Critical	<u>468.5</u>	<u>468.5</u>	<u>47 481.3</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>166.6</u>
14. Hours Generator On-Line	<u>414.0</u>	<u>414.0</u>	<u>45 693.0</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>31.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>863 183</u>	<u>863 183</u>	<u>95 244 538</u>
17. Gross Electrical Energy Generated (MWH)	<u>279 600</u>	<u>279 600</u>	<u>30 252 773</u>
18. Net Electrical Energy Generated (MWH)	<u>263 180</u>	<u>263 180</u>	<u>28 647 200</u>
19. Unit Service Factor	<u>55.6</u>	<u>55.6</u>	<u>70.0</u>
20. Unit Availability Factor	<u>55.6</u>	<u>55.6</u>	<u>70.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>54.8</u>	<u>54.8</u>	<u>68.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>51.0</u>	<u>51.0</u>	<u>63.3</u>
23. Unit Forced Outage Rate	<u>0.7</u>	<u>0.7</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: N/A

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



1950

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 251
 UNIT NAME Turkey Point Unit No.4
 DATE Feb. 7, 1981
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH JANUARY, 1981

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
21	80-11-08	S	325.2	C	4		RC	FUELXX	Unit No. 4 was removed from service for scheduled refueling, maintenance, and inspections. (Continued from previous month) (Nuclear and Non-nuclear system)
01	81-01-14	F	2.5	A	3		HH	ZZZZZZ	Unit was tripped during a transient condition by steam generator No. 4A level protection system while increasing load after the unit was returned to service. (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) Continuing
 5-Load Reduction
 9-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 - 251
 UNIT NAME Turkey Point Unit No.4
 DATE Feb. 7, 1981
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

REPORT MONTH JANUARY, 1981

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
02	81-01-15	S	1.4	B	9		HA	INSTRU (C)	Unit was removed from service to test turbine overspeed protection trip device. (Non-nuclear)
03	81-01-15	F	0.6	A	3		HH	ZZZZZZ	Unit was tripped by steam generator No. 4A level protection system while increasing load after the unit was returned to service. (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) Continuing
 5-Load Reduction
 9-Other (Explain)

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⁵
 Exhibit I - Same Source



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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335
St. Lucie
 UNIT Unit No. 1
 DATE Feb. 7, 1981
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

MONTH JANUARY, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>799</u>	17	<u>578</u>
2	<u>799</u>	18	<u>799</u>
3	<u>797</u>	19	<u>802</u>
4	<u>798</u>	20	<u>802</u>
5	<u>798</u>	21	<u>800</u>
6	<u>798</u>	22	<u>797</u>
7	<u>799</u>	23	<u>797</u>
8	<u>796</u>	24	<u>796</u>
9	<u>798</u>	25	<u>798</u>
10	<u>801</u>	26	<u>799</u>
11	<u>800</u>	27	<u>801</u>
12	<u>800</u>	28	<u>799</u>
13	<u>801</u>	29	<u>788</u>
14	<u>801</u>	30	<u>786</u>
15	<u>802</u>	31	<u>785</u>
16	<u>614</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 Feb. 7, 1981
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: January, 1981
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 load reduction of Jan. 16-17, 1981.

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>744.0</u>	<u>36 072.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>744.0</u>	<u>29 169.3</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>129.5</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>744.0</u>	<u>28 425.1</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>39.3</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 873 725</u>	<u>1 873 725</u>	<u>69 121 873</u>
17. Gross Electrical Energy Generated (MWH)	<u>616 680</u>	<u>616 680</u>	<u>22 426 540</u>
18. Net Electrical Energy Generated (MWH)	<u>583 892</u>	<u>583 892</u>	<u>21 111 378</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>78.8</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>78.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.0</u>	<u>101.0</u>	<u>75.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.9</u>	<u>97.9</u>	<u>73.0</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>-0-</u>	<u>5.6</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 JANUARY, 1981

DOCKET NO. 50 - 335
 UNIT NAME St. Lucie Unit No.1
 DATE Feb. 7, 1981
 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
01	81-01-16	F	-0-	B	5		HH	PUMPXX	Load reduction to repair "pin-hole" size leak in the discharge nozzle of steam generator feedwater pump No. 1A. Corrective actions included repair by welding. (Non-nuclear system)

¹
 F: Forced
 S: Scheduled

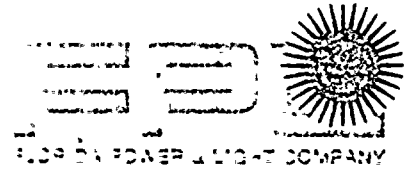
(9/77)

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) Continuing
 5-Load Reduction
 9-Other (Explain)

⁴
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⁵
 Exhibit I - Same Source



February 7, 1981

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

Gentlemen:

Attached are the January, 1981, Operating Summary Reports
for Turkey Point Unit Nos. 3 and 4 and St. Lucie Unit
No. 1.

Very truly yours,

J.R. Beusen
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 February 7, 1981

COMPLETED BY V. T. Chilson

TELEPHONE 305) 552-3824

REPORT MONTH JANUARY, 1981

Unit No. 3 operated at approximately 100% R.P., except for outage of January 3-4, 1981. Refer to "Unit Shutdowns and Power Reductions" section of January, 1981, Operating Status Report for additional information.

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

Inspections and requirements of IE Bulletins and NUREG-0578 are continuing.

Florida Power & Light Company commitments for NUREG-0578 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

Performed Integrated Engineered Safeguards Surveillance Test.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 251

UNIT Turkey Point
Unit No. 4

DATE February 7, 1981

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH JANUARY, 1981

Unit No. 4 operated at approximately 100% R.P. after the unit was returned to service on January 14, 1981, except for outages of January 14 and 15, 1981. Refer to "Unit Shutdowns and Power Reductions" section of the January, 1981, Operating Status Report for additional information.

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

Inspections and requirements of IE Bulletins and NUREG-0578 in progress.

Florida Power & Light Company commitments for NUREG-0578 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

Completed Containment Integrated Leak Rate Test (ILRT).

Performed Integrated Engineered Safeguards Surveillance Test.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50 - 335

UNIT St. Lucie
Unit No. 1

DATE February 7, 1981

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

REPORT MONTH JANUARY, 1981

Unit operated at approximately 100% R.P., except for load reduction of January 16-17, 1981. Refer to "Unit Shutdowns and Power Reductions" section of the January, 1981, Operating Status Report for additional information.

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

Inspections and requirements of IE Bulletins and NUREG-0578 are continuing.

Florida Power & Light Company commitments for NUREG-0578 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

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