

# OPERATING DATA REPORT

DOCKET NO. 50-333  
 DATE May 1983  
 COMPLETED BY J. Cook  
 TELEPHONE (315)342-3840

## OPERATING STATUS

1. Unit Name: FitzPatrick
2. Reporting Period: 830401-830430
3. Licensed Thermal Power (MWt): 2436
4. Nameplate Rating (Gross MWe): 883
5. Design Electrical Rating (Net MWe): 821
6. Maximum Dependable Capacity (Gross MWe): 830
7. Maximum Dependable Capacity (Net MWe): 810
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

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>719</u>	<u>2879</u>	<u>68016</u>
12. Number Of Hours Reactor Was Critical	<u>719</u>	<u>2573.5</u>	<u>48829.2</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>719</u>	<u>2543.6</u>	<u>47558.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1685808</u>	<u>5862336</u>	<u>99386194</u>
17. Gross Electrical Energy Generated (MWH)	<u>573160</u>	<u>1986990</u>	<u>34421770</u>
18. Net Electrical Energy Generated (MWH)	<u>556560</u>	<u>1925755</u>	<u>32790140</u>
19. Unit Service Factor	<u>100%</u>	<u>88.4%</u>	<u>69.9%</u>
20. Unit Availability Factor	<u>100%</u>	<u>88.4%</u>	<u>69.9%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>95.6%</u>	<u>82.6%</u>	<u>63.5%</u>
22. Unit Capacity Factor (Using DER Net)	<u>94.3%</u>	<u>81.5%</u>	<u>58.7%</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>11.6%</u>	<u>15.5%</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refuel outage scheduled to commence June 3, 1983 lasting approximately 75 days.

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

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>

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333  
UNIT FitzPatrick  
DATE May 1983  
COMPLETED BY J. Cook  
TELEPHONE (315)342-3840

MONTH April 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>654</u>
2	<u>695</u>
3	<u>752</u>
4	<u>778</u>
5	<u>789</u>
6	<u>802</u>
7	<u>806</u>
8	<u>799</u>
9	<u>802</u>
10	<u>802</u>
11	<u>802</u>
12	<u>801</u>
13	<u>802</u>
14	<u>801</u>
15	<u>751</u>
16	<u>588</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>735</u>
18	<u>792</u>
19	<u>799</u>
20	<u>801</u>
21	<u>801</u>
22	<u>801</u>
23	<u>796</u>
24	<u>768</u>
25	<u>801</u>
26	<u>801</u>
27	<u>798</u>
28	<u>802</u>
29	<u>801</u>
30	<u>674</u>
31	<u>---</u>

SUMMARY: The FitzPatrick plant operated at near full thermal power for this reporting period with one power reduction for rod pattern adjustment.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1983

DOCKET NO. 50-333  
 UNIT NAME FitzPatrick  
 DATE May 1983  
 COMPLETED BY J. Cook  
 TELEPHONE (315) 342-3840

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
6	830416	S	0	H	4	N/A	N/A	N/A	Reduced Power for Rod Pattern Adjustment

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

<sup>5</sup>  
 Exhibit I - Same Source

POWER AUTHORITY OF THE STATE OF NEW YORK  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

APRIL 1983

The Unit operated at near full thermal power during this reporting period. On 830416 power was reduced for rod pattern adjustments.

At the end of the reporting period the unit is operating at approximately 674 MWe.

POWER AUTHORITY OF THE STATE OF NEW YORK  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

APRIL 1983

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
4/7/83	71	24463 SB2	OPS	Leaking Battery Cells	Removed 4 cells from SB2 & replaced with 2 cells from SB1	60
4/24/83	71	20727 N/A	N/A No Failure	N/A	Provided permanent power to new Admin. Building	200
4/8/83	76	24461 P-1	OPS	Leaking Cooling Water Fitting	Replaced Fitting.	72
5/1/83	71	24928 INV-3B	OPS	Bad Logic Card	Replaced Card.	15
4/19/83	23	19467 Vent Valve	Visual	Blown packing	Repacked	6
4/20/83	08	24796 Bridge	OPS	Dirt in Solenoid Valve	Replaced Valve.	4
4/27/83	01	24833 A STBG Charcoal	S.T.	Charcoal Failed ST	Replaced Charcoal	30
4/26/83	01	24829 A SBTG Charcoal	S.T.	Charcoal Failed ST	Sealed Charcoal Filters.	6
4/29/83	02	16284 New Fuel	N/A No Failure	N/A	Inspected & Channeled	1040

POWER AUTHORITY OF THE STATE OF NEW YORK  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

MAINTENANCE SUMMARY

I&C APRIL 1983

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
4/6/83	02-3	24413 PR-95	OPS	Failed Resistor in Amplifier	Recorder not Tracking	Replaced Resistor	14
4/20/83	16	24794 X-104C	OPS	Pressure Bled Down	Elec. Pen Needed Recharging	Penetration Charged to 30 PSIA	2
4/20/83	16	24795 X-104D	OPS	Pressure Bled Off	Elec. Pen Needed Recharging	Penetration Charged to 30 PSIA	2
3/30/83	17	19986 RM-50A	I&C	Open Diodes in H.V. PWR SPLY	High Voltage Failed	Replaced Failed Diodes	32
4/20/83	17	24482 RM-251A	OPS	Possible Line Voltage Spike	High Voltage Failed	Replaced H.V. Fuse, Tested	4
4/20/83	23	24490 LS-90	OPS	Steam Leak Blowing on Switch	Ground Fault at Switch	Repaired Switch & Steam Leak	16
4/27/83	76	24825 PS-100	OPS	Pressure Switch Drifted Low	Elec. Fire Pump Started Late	Adjusted Switch	24