

OPERATING DATA REPORT

DOCKET NO. 50-333
 DATE July 1981
 COMPLETED BY E. Zufelt
 TELEPHONE (315)342-3840

OPERATING STATUS

- 1. Unit Name: FitzPatrick
- 2. Reporting Period: 810601-810630
- 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

NONE

- 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</u>	<u>4343</u>	<u>51960</u>
12. Number Of Hours Reactor Was Critical	<u>720</u>	<u>3894.9</u>	<u>36808.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>720</u>	<u>3833.3</u>	<u>35736.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1720152</u>	<u>8971464</u>	<u>73155058</u>
17. Gross Electrical Energy Generated (MWH)	<u>587930</u>	<u>3115590</u>	<u>24945100</u>
18. Net Electrical Energy Generated (MWH)	<u>570855</u>	<u>3020320</u>	<u>24145400</u>
19. Unit Service Factor	<u>100.0%</u>	<u>88.3%</u>	<u>68.8%</u>
20. Unit Availability Factor	<u>100.0%</u>	<u>88.3%</u>	<u>68.8%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.9%</u>	<u>85.9%</u>	<u>62.4%</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.6%</u>	<u>84.7%</u>	<u>56.6%</u>
23. Unit Forced Outage Rate	<u>0.0%</u>	<u>11.7%</u>	<u>17.6%</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling and maintenance outage scheduled for October for a period of 110 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	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333
 UNIT JAFNPP
 DATE July 1981
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 TELEPHONE (315)342-3840

MONTH June 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	798	17	802
2	808	18	800
3	809	19	797
4	807	20	795
5	804	21	800
6	803	22	802
7	804	23	802
8	806	24	800
9	804	25	801
10	806	26	796
11	805	27	631
12	806	28	713
13	779	29	802
14	799	30	801
15	803	31	---
16	802		

SUMMARY: Unit operated at near full rated thermal power for this reporting period. On June 27, 1981 power was reduced for rod pattern adjustment.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1981

DOCKET NO. 50-333
 UNIT NAME JAFNPP
 DATE July 1981
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 TELEPHONE (315)342-3840

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	810627	S	0	H	4	NA	NA	NA	Rod pattern adjustment

¹
 F: Forced
 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
 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

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

JUNE 1981

The FitzPatrick unit operated at near full power during this reporting period.

Power was reduced on June 27, 1981 to approximately 650 MWe to adjust rod pattern to compensate for fuel burn up. Upon completion, power was increased at the pre-conditioning rate.

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 JAMES A. FITZPATRICK NUCLEAR POWER PLANT

SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

JUNE 1981

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
6/19	70	9070 RWC-2A	Visual	Normal wear	Replace expansion joints.	12
6/19	70	9874 RWC-2B	Visual	Normal wear	Replaced expansion joints.	20
6/13	76	12086 A Standby Gas	Surveillance	Plugged up nozzles	Cleaned nozzles.	6
6/17	13	8838 Backdraft Fan	Installation Testing	Design	Added counter weights to dampers.	22

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MAINTENANCE SUMMARY

JUNE 1981 I&C

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
6/4/81	02	<u>9942</u> 02 FIS 116B	I&C	Corrosion in snubber	Abnormal High flow indicator	Cleaned snubber	2.0
6/2/81	02-3	<u>9953</u> 02-3-LIS-58A	I&C	Defective Switch #3	Recirc pump trip inop.	Replaced switch	8.0
6/1/81	02-3	<u>9942</u> 02-3-PS-51AD	N/A	N/A	N/A	Reset switches to comply with T.S. Change.	6.0
6/19/81	03	<u>9633</u> Rod select button 30-07	OPS	Age/Use	Rod would not select	Replaced push button switch	10.0
6/3/81	07	<u>11997</u> RBM-B	OPS	Defective Relay	B RBM remained bypassed	Replaced relay	7.0
6/5/81	10	<u>11992</u> 10 LS 105A	OPS	Defective Relay	Dual indication (Dry & Wet)	Replaced relay	20.0
6/5/81	17	<u>11993</u> 17 RE431A	OPS	Corrosion inside magnet.	Flow control valve oscilates	Replaced and aligned magnet	34.0
6/5/81	20	<u>12010</u> FQ 527	OPS	Cal. Data in Procedure	The integrator registered flow with no pumpout	Corrected data in the ISP and calibrated 527	8.0
6/1/81	27	<u>11990</u> O ₂ AZ 101A	OPS	Age	Indicated downscale	Recalibrated Per ISP-31	24.0
6/9/81	27	<u>11929</u> 27 R102	OPS	Defective amplifier	One pen of recorder inop.	Parts on order	2.0
6/15/81	70	<u>12133</u> 70 TS 102L	OPS	Unknown	Lo Duct Alarm is in	Calibrated switch	12.0
6/15/81	70	<u>10090</u> 70 TS 100	OPS	Unknown	Switch does not reset	Calibrated switch	12.0