

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: FITZPATRICK  
 2. Reporting Period: 810801-810831  
 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:  
NONE

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>744</u>	<u>5831</u>	<u>53448</u>
12. Number Of Hours Reactor Was Critical	<u>553.8</u>	<u>5192.7</u>	<u>38106.7</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>521.2</u>	<u>5098.5</u>	<u>37001.3</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1068768</u>	<u>11759664</u>	<u>75943258</u>
17. Gross Electrical Energy Generated (MWH)	<u>366070</u>	<u>4062820</u>	<u>25892330</u>
18. Net Electrical Energy Generated (MWH)	<u>354460</u>	<u>3938150</u>	<u>25063230</u>
19. Unit Service Factor	<u>70.1%</u>	<u>87.4%</u>	<u>69.2%</u>
20. Unit Availability Factor	<u>70.1%</u>	<u>87.4%</u>	<u>69.2%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>58.8%</u>	<u>83.4%</u>	<u>62.9%</u>
22. Unit Capacity Factor (Using DER Net)	<u>58.0%</u>	<u>82.3%</u>	<u>57.1%</u>
23. Unit Forced Outage Rate	<u>29.9%</u>	<u>12.6%</u>	<u>17.5%</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling and maintenance outage scheduled to commence in October.  
Duration is presently planned for 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 September 1981

COMPLETED BY E. Zufelt

TELEPHONE (315)342-3480

MONTH AUGUST 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>763</u>	17	<u>279</u>
2	<u>758</u>	18	<u>682</u>
3	<u>756</u>	19	<u>574</u>
4	<u>657</u>	20	<u>705</u>
5	<u>26</u>	21	<u>731</u>
6	<u>0</u>	22	<u>761</u>
7	<u>0</u>	23	<u>757</u>
8	<u>74</u>	24	<u>750</u>
9	<u>546</u>	25	<u>755</u>
10	<u>608</u>	26	<u>753</u>
11	<u>89</u>	27	<u>753</u>
12	<u>0</u>	28	<u>747</u>
13	<u>0</u>	29	<u>751</u>
14	<u>0</u>	30	<u>749</u>
15	<u>0</u>	31	<u>745</u>
16	<u>0</u>		

SUMMARY : Unit operated this reporting period with two shutdowns. One on August 5, 1981 due to damaged RPS cable and one on August 11, 1981 for excessive leakage from relief valves.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-333  
 UNIT NAME JAFNPP  
 DATE September 1981  
 COMPLETED BY E. Zufelt  
 TELEPHONE (315)342-3840

REPORT MONTH AUGUST 1981

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
10	810805	F	82.9	H	2	NA	IA	ELECON	RPS cable damaged. Repaired cable.
11	810811	F	139.9	A	2	NA	CC	VALVEX	Excessive leakage from relief valves. Repaired valves.

<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 EXPERIENCES  
AUGUST 1981

There were two (2) shutdowns during this reporting period. The first one occurred on August 5, 1981 when the RPS cable was damaged while repairing electrical penetration seal material. The cable was repaired and the unit was back on line August 8, 1981.

The second shutdown occurred on August 11, 1981 when excessive leakage was discovered from SRV-71F. The valve was repaired and the unit was back on line August 17, 1981.

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

SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

AUGUST, 1981

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
7/27	76	10053 Scott Air Pack Compressor	OPS	N/A	Performed 3 month, 6 month & 12 month preventative maintenance	8
7/27	00	8864 UT Calibration Blocks	QC	Wrong stamping	Restamped NO's	1
8/11	24	13031 Rx Track Bay Door	OPS	Limit switches out of adjustment caused failure of door to open electrically	Readjusted limits	3
8/14	23	13127 AOV-53	Visual	Blown bonnet gasket	Replaced bonnet gasket - torqued	9
8/14	34	13525 SOV-111A	OPS	Worn Internals caused valve to blow by	Replaced valve	11
8/14	34	13526 SOV-111B	OPS	Open coil	Replaced coil	8
8/14	11	10391 12961 Accumulators 7A & B	OPS	Leaking bladders-Age	Replaced bladders	5
8/14	03	13551 HCU 46-31 111 valve	OPS	Packing blown-Age-Wear	Replaced valve	8

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

SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

AUGUST, 1981

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
8/15	16-1	<u>13545</u> AOV-101B	OPS	Faulty solenoid valve	Replaced solenoid valve	24
8/16	29	<u>13555</u> AOV-86A	OPS	MSIV failed to open	Replaced 4-way valve	52
8/16	29	<u>12402</u> AOV-86A	OPS	Open indicating light would not go out	Adjusted limit switches	6

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

MAINTENANCE SUMMARY

AUGUST 1981 I&C

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
8/12/81	02	<u>7003</u> TE-145A	I&C	Loose connection	Erroneous high temperature indication	Tightened connection	3.0
8/15/81	02	<u>12987</u> TE-112B	OPS	Cut thermocouple	No temperature indication	Replaced thermocouple	32.0
8/3/81	02-3	<u>7000</u> LIS-72C	I&C	Switch against stop	Unable to adjust to correct set point	Realigned magnetic switches	4.0
8/3/81	07	<u>12809</u> P.R. 46D	OPS	Age, use	Paper does not track correctly	Lubricated and adjusted paper drive	3.0
8/5/81	07	<u>13030</u> IRM G	OPS	Loose cable connector at pre-amp	Spiking upscale causing spurious 1/2 scrams	Repaired cable connector	3.0
8/5/81	07	<u>13026</u> IRM F-HUPS	I&C	Defective filter cap	Unstable high voltage	Replaced filter cap	4.0
8/7/81	07	<u>13045</u> IRM G	OPS	Internal test circuit out of adjustment	Low meter indication for internal test	Adjusted per IMP 7.3	3.0
8/12/81	07	<u>12978</u> P.R. 46C	OPS	Pens out of alignment	Pens sticking	Realigned pens and calibrated	4.0
7/30/81	16	<u>12944</u> X-104C,D,X-111B	OPS	Slow leak	Low pressure in electrical penetration	Repressurized penetrations	6.0
8/5/81	17	<u>13029</u> RM 350	OPS	Loose knob	Set point knob not changing set point	Realigned knob	7.0

