

OPERATING DATA REPORT

DOCKET NO. 50-333
 DATE November 1982
 COMPLETED BY J. Cook
 TELEPHONE (315)342-3840

OPERATING STATUS

1. Unit Name: FITZPATRICK
 2. Reporting Period: 821001 - 821031
 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

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

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>745</u>	<u>7296</u>	<u>63673</u>
12. Number Of Hours Reactor Was Critical	<u>494.5</u>	<u>5376.9</u>	<u>44928.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>478.5</u>	<u>5258.1</u>	<u>43701.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1015776</u>	<u>12061416</u>	<u>90462730</u>
17. Gross Electrical Energy Generated (MWH)	<u>339140</u>	<u>4081040</u>	<u>30841650</u>
18. Net Electrical Energy Generated (MWH)	<u>329095</u>	<u>3960240</u>	<u>29864970</u>
19. Unit Service Factor	<u>64.2%</u>	<u>72.1%</u>	<u>68.6%</u>
20. Unit Availability Factor	<u>64.2%</u>	<u>72.1%</u>	<u>68.6%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>54.5%</u>	<u>67.0%</u>	<u>62.0%</u>
22. Unit Capacity Factor (Using DER Net)	<u>53.8%</u>	<u>66.1%</u>	<u>57.1%</u>
23. Unit Forced Outage Rate	<u>35.8%</u>	<u>7.2%</u>	<u>15.9%</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:

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 JAFNPP
 DATE NOVEMBER 1982
 COMPLETED BY J. COOK
 TELEPHONE (315)342-3840

MONTH OCTOBER 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	792	17	---
2	795	18	67
3	799	19	367
4	797	20	442
5	797	21	450
6	795	22	512
7	393	23	636
8	---	24	730
9	---	25	785
10	---	26	791
11	---	27	794
12	---	28	794
13	---	29	788
14	---	30	628
15	---	31	767
16	---		

SUMMARY: The FitzPatrick plant operated at near full thermal power during this reporting period with one outage due to main steam isolation failure and one power reduction for condensate booster pump repair.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBER 1982

DOCKET NO. 50-333
 UNIT NAME JAFNPP
 DATE NOVEMBER 1982
 COMPLETED BY J. COOK
 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	821007	F	266.5	A	3	82-047	HB	VALVEX	"D" inboard MSIV failure due to disc separation from stem. Repaired valve with two anti-rotation pins.
8	821030	S	0	H	4	N/A	HH	PUMPXX	Reduced power for "A" condensate booster pump repair

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

NOVEMBER, 1982

The unit operated at near full thermal power for the first six days of the reporting period. On 821007 the unit tripped due to failure of the "D" inboard main steam isolation valve and on 821030 power was reduced for "A" condensate booster pump repair.

At the end of the reporting period the unit is operating at approximately 767 MWe.

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SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

OCTOBER 1982

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
10/15	23	21810 HPI-52	VISUAL	Worn packing	Repacked	6
10/15	10	18317 RHR-755B, 756B, 757B, 758B	OPS	Using pipe wrenches and channel locks on valve stems	Replaced valve stems and handwheels, repacked	32
10/15	10	18758 RHR-755A, 756A, 757A, 758A	OPS	Handwheels vibrated off	Replaced handwheels	2
10/16	27	18760 'L' Target Rock	OPS	Air line worn through	Replaced damaged portion of air line, wrapped to prevent further abrasion	8
10/15	23	21801 AOV-53	VISUAL	Blown bonnet gasket	Replaced bonnet gasket	16
10/15	10	16209 RHR-14D	N/A	N/A	Replaced carbon steel cotter pin with stainless steel	3
10/15	10	16208 RHR-14B	N/A	N/A	Replaced carbon steel cotter pin with stainless steel	3
10/14	23	20947 Steam Trap Drain Valve	VISUAL	Worn packing	Repacked	2
10/14	23	18342 HPI-900	VISUAL	Worn packing	Repacked	2

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10/16	29	18806 MSIV AOV-86D	OPS	Maintenance work on valve	Adjusted limit switches	2.5
10/16	29	14976 MSIV AOV-80-A-D	N/A	N/A	Installed new 90% limit switches per MI-82-80	95
10/15	46	16222 ESW-1B	N/A	N/A	Replaced carbon steel cotter pin with stainless steel	3
10/13	02-2	16375 Grinnell snubbers	VISUAL	Oil leaks	Visual inspection	3
10/7	01-125	18235 Standby Gas Filter F-2A	OPS	Depleted charcoal absorption capacity	Replaced charcoal	60
10/13	02	20857 RV-71F	TEMPERATURE INDICATION	Leaking first stage valve	Replaced first stage	116
10/10	10	17710 MOV-21A	VISUAL	Deteriorated sealtite	Replaced sealtite with NWC type	7
10/10	23	20995 HPCI drain- line	VISUAL	Eroded/corroded fitting	Replaced fitting	12
10/12	27	11360 Primary containment Hi-Hi-Rad relays	N/A	N/A	Completed Step 8 (1-4) of ECR 80-16-34	6

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10/12	29	16380 MSIV AOV-80D	OPS Caused shutdown	Pilot disk to stem locking pin sheared	Installed two interference fit pins instead of one, in both pilot to stem and piston to main disc	192
10/73	29	18796 MSIV AOV-860	OPS Testing indicated valve was seperated	No malfunction. This valve was not broken	Installed two interference fit lock pins instead of one, in both pilot to stem and piston to main disc	170
10/9	71	17126 AC-A2, B2	N/A	N/A	Traced circuits to correct drawings	25
10/13	71	14975 IE Junction Boxes	N/A	N/A	Drilled 1/4" weepholes in boxes per MI-82-082	16
10/15	23	14312 P-1	VISUAL	Broken nipple	Replaced nipple	3
10/14	23	18330 MOV-14	VISUAL	Worn packing	Repacked	20
10/17	71	14891 Bkr-10404	N/A	N/A	Performed preventative maintenance	10
10/15	71	14392 Bkr-10614	N/A	N/A	Performed preventative maintenance	12
10/16	71	14893 Bkr-10612	N/A	N/A	Performed preventative maintenance	5
10/15	71	14894 Bkr-10602	N/A	N/A	Performed preventative maintenance	5

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10/15	71	14895 Bkr-10604	N/A	N/A	Performed preventative maintenance	5
10/15	71	14896 Bkr-10660	N/A	N/A	Performed preventative maintenance	13
10/16	71	14816 IBC-3, 4	N/A	N/A	Connected temporary power supply to nuclear instruments for bus outage and disconnected	6
10/16	13	19122 MOV-16	VISUAL	Worn packing	Repacked	6
10/16	13	18537 MOV-131	VISUAL	Worn packing and thermal cycling	Repacked and replaced pressure seal	6
10/16	02	20884 MOV-53B, 54B	OPS	Worn packing	MOV-53B torqued packing MOV-54B repacked	10
10/19	27	18870 AOV-132A	OPS	Limit switch out of adjustment	Adjusted limit switch	4
10/20	93	18861 ECP-D	OPS	No power indication	Replaced lamp	.5
10/20	27	18869 SV-114B	OPS	Relief valve out of adjustment	Reset valve	17
10/16	34	18801 FWS-28B	VISUAL	Blown bonnet gasket	Machined bonnet to remove steam cut-replaced gasket	34
10/16	02	19246 P-1B	PRESSURE INDICATION	Worn seal-some evidence of thermal shock	Replaced shaft seal with a rebuilt cartridge	306

