

OPERATING DATA REPORT

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

OPERATING STATUS

- 1. Unit Name: FitzPatrick
- 2. Reporting Period: 800601 - 800630
- 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): 800

Notes

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

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>4367</u>	<u>43200</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>2936.1</u>	<u>29566.3</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>2893</u>	<u>28631</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>5862024</u>	<u>57050218</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>2019020</u>	<u>19372720</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>1953370</u>	<u>18743945</u>
19. Unit Service Factor	<u>0</u>	<u>66.2%</u>	<u>66.3%</u>
20. Unit Availability Factor	<u>0</u>	<u>66.2%</u>	<u>66.3%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>55.9%</u>	<u>59.3%</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>54.5%</u>	<u>52.8%</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>5.4%</u>	<u>19.7%</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

NONE

25. If Shut Down At End Of Report Period, Estimated Date of Startup: MID JULY, 1980

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

8007090195

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333

UNIT JAFNPP

DATE JULY 1980

COMPLETED BY E. ZUFELT

TELEPHONE (315)342-3840

MONTH JUNE 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

SUMMARY: THIRD REFUELING AND MAINTENANCE OUTAGE CONTINUED THROUGH THE REPORTING PERIOD.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-333  
 UNIT NAME JAENPP  
 DATE JULY 1980  
 COMPLETED BY E. ZUFELT  
 TELEPHONE (315)342-3840

REPORT MONTH JUNE 1980

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
14	800507	S	720	C	4	NA	NA	NA	REFUELING OUTAGE (CUMULATIVE HOURS TO DATE 1308)

<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

JUNE 1980

The refueling and maintenance outage which began on May 7, 1980, continued throughout this reporting period. Major areas include torus modifications, reactor vessel ISI, eddy current testing, LLRT testing and fire protection modifications.

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MAINTENANCE SUMMARY

JUNE 1980 I & C

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
6/28/80	01-125	6847 DPT-100A/B	OPS	Drift	Instruments Do Not Agree	Calibrated	13.0
6/18/80	03	7083 38-39 IND	OPS	Broken Prong	Will Not Work	Replaced Light	2.0
6/12/80	07	709 TIP Penetrations	I & C	N/A	N/A	Normal Maintenance	52.0
6/03/80	07	7065 IRM G	OPS	Dirty Connector	Erratic	Cleaned Connector	8.0
6/17/80	07	3030 IRM H	OPS	Bad Detector	Failed Downscale	Replaced Detector	12.0
6/17/80	07	6973 Connectors	I & C	N/A	N/A	Repair/Clean Used Connectors	4.0
6/17/80	07	7099 "A" IRM	OPS	Unknown	Does Not Go Full Scale	Performed IMP 7.3 Step 5A	4.0
6/05/80	13	6951 13-SPI	OPS	Panel Vibration Due To Cutting	Pointer Fell Off	Replaced Point- er Calibrated	3.0
5/30/80	17	6908 17-RR-152	OPS	Drift	Incorrect Indication	Calibrated/ Cleaned	6.0
6/02/80	17	6958 17-RR-458	OPS	Broken Drive String	No Response	Replaced String Calibrated	2.0
6/19/80	76	7060 CO <sub>2</sub> PNL 8	OPS	Unknown	Timer Set Incorrect	Adjusted Timer	10.0
6/06/80	93	6974 93-S-3D	I & C	Defective Switch	CR-80-111	Replaced Switch	8.0



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SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
21 May	10	<u>3730</u> H10-148	Visual	NRC Bulletin 79-02 Inspection	Modified H10-148	79
23 May	10	<u>3807</u> H10-243	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-243	123 1/2
24 May	10	<u>5143</u> H10-170	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-170	184
12 May	19	<u>5186</u> H19-59	Visual	NRC Bulletin 79-02 Inspection	Repaired H19-59	79
23 May	10	<u>2043</u> H10-500	Visual	NRC Bulletin 79-02 Inspection	Modified H10-500	175
23 May	10	<u>3774</u> H10-51CN	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-51CN	189 1/2
23 May	10	<u>3779</u> H10-487	Visual	NRC Bulletin 79-02 Inspection	Modified H10-487	279
26 May	70	<u>5205</u> BFSK-405	Visual	NRC Bulletin 79-02 Inspection	Repaired BFSK-405	140 1/4

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
26 May	14	<u>5219</u> H14-41	Visual	Torus Modification	Repaired H14-41	68
26 May	14	<u>5220</u> H14-55	Visual	Torus Modification	Repaired H14-55	37
28 May	71	<u>4904</u> BUS 10600	N/A	None	Electrical Switchgear, Breakers and Loads Preventative Maintenance	80
22 May	10	<u>5164</u> H10-252	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-252	459
2 June	101	<u>1907</u> Manufacture Washers	N/A	None	Manufactured Washers as Necessary	765 1/2
2 June	101	<u>3749</u> H10-481 & 482	Analysis	Pipe Stress Analysis per NRC Bulletin 79-07	Modified Baseplates	334 1/4
2 June	100	<u>5163</u> H76-52	Visual	NRC Bulletin 79-02 Inspection	Modified H76-52	68 1/2
2 June	100	<u>5174</u> Hanger B (RHR)	Visual	NRC Bulletin 79-02 Inspection	Modified Hanger B	149 1/2



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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
5 June	08	<u>7092</u> Refuel Bridge	Visual	Cable on Refuel Bridge Mast Pulled Out of - Conduit	Replaced Cable and Rearranged Cable to Prevent Recurrence	8
7 June	08	<u>7098</u> Refuel Grapple	OPS	Refuel Grapple Prox- imity Switches Damaged During Refueling	Replaced Switches	10
3 June	100	<u>5200</u> H10-112	Visual	NRC Bulletin 79-02 Inspection	Modified H10-112	259 1/2
3 June	100	<u>5189</u> H23-61	Visual	NRC Bulletin 79-02 Inspection	Modified H23-61	322 1/2
4 June	101	<u>3743</u> H10-10	Analysis	Pipe Stress Analysis per NRC Bulletin 79-07	Modified H10-10	107 1/2
5 June	100	<u>5199</u> H46-269	Visual	NRC Bulletin 79-02 Inspection	Modified H46-269	441
5 June	100	<u>5208</u> H14-67	Visual	NRC Bulletin 79-02 Inspection	Modified H14-67	32
5 June	100	<u>5203</u> H10-114	Visual	NRC Bulletin 79-02 Inspection	Modified H10-114	211 1/2
5 June	100	<u>5202</u> H10-254	Visual	NRC Bulletin 79-02 Inspection	Modified H10-254	181

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
5 June	100	5217 PFSK 956	Visual	NRC Bulletin 79-02 Inspection	Repaired PFSK 956	10
9 June	100	5212 H15-104	Visual	NRC Bulletin 79-02 Inspection	Modified H15-104	182 1/2
10 Jun	100	5207 BFSK-659-H7	Visual	NRC Bulletin 79-02 Inspection	Modified BFSK-659-H7	225 3/4
11 Jun	10	5613 10-MOV-57	Visual	Worn Seat	Repaired Valve Seat	346 1/2
13 Jun	27	6597 AOV-114	LLRT	Seat Leak	Repaired AOV-114	188
13 Jun	71	4909 BUS 12600	N/A	None	Electrical Preventative Maintenance	24
14 Jun	10	6814 MOV-26B	N/A	None	Preventative Maintenance	16
13 Jun	10	5213 H10-465	Visual	NRC Bulletin 79-02 Inspection	Modified H10-465	247 1/2
13 Jun	10	5228 H10-220	Visual	NRC Bulletin 79-02 Inspection	Modified H10-220	13

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14 Jun	15	<u>5235</u> H15-135	Visual	NRC Bulletin 79-02 - Inspection	Modified H15-135	97
17 Jun	10	<u>5216</u> H10-262	Visual	NRC Bulletin 79-02 Inspection	Modified H10-262	30 1/2
17 Jun	10	<u>5218</u> H10-535	Visual	NRC Bulletin 79-02 Inspection	Inspected H10-535	6
17 Jun	01-125	<u>5232</u> BFSK 294	Visual	NRC Bulletin 79-02 Inspection	Modified BFSK 294	150 3/4
17 Jun	01-125	<u>5231</u> BFSK 295	Visual	NRC Bulletin 79-02 Inspection	Modified BFSK 295	120 3/4
17 Jun	76	<u>5224</u> H76-38	Visual	NRC Bulletin 79-02 Inspection	Modified H76-38	320 3/4
17 Jun	23	<u>5221</u> H23-39	Visual	NRC Bulletin 79-02 Inspection	Modified H23-39	115
9 June	10	<u>2352</u> P-1A	N/A	None	Preventative Maintenance	70
1 June	29	<u>6585</u> AOV 86D	LLRT Testing	Worn Seat & Disc	Machined Seat, Replaced Disc	540

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
7 Jun	29	<u>6953</u> AOV 80D	LLRT Testing	Worn Seat & Disc	Machined Seat, Lapped	400
10 Jun	02	<u>7253</u> Fuel Bundle LJM 544	Visual	Improper Handling	Replaced Upper Tie Plate	40
12 Jun	29	<u>5511</u> AOV 80A	Surveillance Testing	Dirty Silencer	Replaced Silencer	6
9 June	93	<u>4964</u> EDG B & D	N/A	None	Preventative	420
9 June	93	<u>4875</u> EDG D	Operational	Open Heater Winding	Replaced Heater	10
18 Jun	76	<u>4458</u> P-1	N/A	None	Preventative Maintenance	96
18 Jun	10	<u>6247</u> MOV-65B	N/A	None	Preventative Maintenance	16
18 Jun	13	<u>7265</u> MOV-15	Maintenance	Broken Gear Teeth in Valve Operator Geared Limit Switch.	Replaced Limit Switch Assembly Repacked With High Temperature Grease.	22

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
18 Jun	15	5134 PFSK 895 (H15-14)	Visual	NRC Bulletin 79-02 Inspection	Modified H15-14	347
17 Jun	13	4670 MOV-15	Visual	Packing Leak	Repacked 13 MCV-15	108 1/2
18 Jun	39	6820 IAS22	Visual	Seat Leak	Repaired IAS22	41
19 Jun	33	4699 TK 12A&B	N/A	None	Preventative Maintenance Cleaned Tanks	357 1/2
19 Jun	10	5211 H10A-47	Visual	NRC Bulletin 79-02 Inspection	Modified H10A-47	290 1/2
19 Jun	76	5242 BFSK 569 H9	Visual	NRC Bulletin 79-02 Inspection	Modified BFSK 569 H9	73 1/2
23 Jun	46	6822 46 ESW 16B	LLRT	Seat Leak	Replaced Disc	38 1/2
25 Jun	27	2557 27 AOV 114	Audio	Vibration	Tightened Fitting	1

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
19 Jun	93	<u>7284</u> FPP 2D	Visual	Wear	Replaced Pump	4
18 Jun	46	<u>8809</u> ESW 3A & B	Operational	Wear	Replaced Seat Repositioned Shaft in Handle	26
16 Jun	27	<u>4815</u> Various	N/A	N/A	Manufactured Travel Stops	35
14 Jun	20	<u>7275</u> AOV 83	Audio	Failed Seal	Replaced Air Solenoid	16