

OPERATING DATA REPORT

DOCKET NO. 50-333  
 DATE Aug. 1979  
 COMPLETED BY E. Zufelt  
 TELEPHONE (315)342-3840

OPERATING STATUS

1. Unit Name: FitzPatrick  
 2. Reporting Period: 790701 - 790731  
 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  
 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: Plant in cold shutdown condition in accordance with NRC "Show Cause" order of March 13, 1979.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5087	35160
12. Number Of Hours Reactor Was Critical	0	1767.3	23829.5
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0	1767.3	23054.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	3626160	45840308
17. Gross Electrical Energy Generated (MWH)	0	1235720	15530590
18. Net Electrical Energy Generated (MWH)	0	1198435	15024420
19. Unit Service Factor	0	34.7 %	65.6 %
20. Unit Availability Factor	0	34.7 %	65.6 %
21. Unit Capacity Factor (Using MDC Net)	0	29.4 %	59.7 %
22. Unit Capacity Factor (Using DER Net)	0	28.7 %	52.0 %
23. Unit Forced Outage Rate	100%	65.3 %	20.3 %

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
None

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25. If Shut Down At End Of Report Period, Estimated Date of Startup: Unknown - Pending completion of pipe stress reanalysis

26. Units In Test Status (Prior to Commercial Operation):
- |                      | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY  | _____    | 521 290  |
| INITIAL ELECTRICITY  | _____    | _____    |
| COMMERCIAL OPERATION | _____    | _____    |

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333  
 UNIT JAFNPP  
 DATE Aug. 1979  
 COMPLETED BY E. Zufelt  
 TELEPHONE (315) 342-3840

MONTH July 1979

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: Unit remains in cold shutdown condition in accordance with the NRC "Show Cause" order of March 13, 1979.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-333  
 UNIT NAME JAFNPP  
 DATE Aug. 1979  
 COMPLETED BY E. Zufelt  
 TELEPHONE (315) 342-3840

REPORT MONTH July 1979

523-353  
521-292

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Rea. for <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
5	790315	F	744	D	4	79-014	ZZ	ZZZZZZ	Continuing re-evaluation of stress calculations and making modifications as required. (Cumulative hours to date - 3319.7)

<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

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

Maintenance Summary

July 1979 - I & C

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Date	System	Work Request # Component #	How Detected	Cause of Malfunction	Results of Malfunction	Action taken to Preclude Recurrence	Repair Time (Hours)
7/9/79	03	12548 03-PS-06	N/A	N/A	N/A	SIL-283	10
7/11/79	07	2387 IRM "D"	OPS	Unknown	Intermittent Half Scrams	Performed F-ISP-7-1	1
7/11/79	07	2341 RBM "B"	OPS	Unknown	Alarm	Found OK	3
7/21/79	07	1787 SRM "A,B,C"	I&C	N/A	N/A	Check discrimin- ator voltages	20
7/21/79	07	2173 IRM "D"	OPS	Unknown	Downscale	Found OK	1
7/20/79	07	2248 SRM "D"	OPS	Noise	High Readings	IMP-7.2 ISP-7-2	20
7/20/79	07	2379 SRM "D"	OPS	Noise	Short Period	IMP-7.2 ISP-7-2	20
7/27/79	07	2159 IRM "B"	OPS	Faulty attenuator card	Downscale	Replaced card IMP-7.3	4
7/23/79	10	1803 10-IS-105B	OPS	Bad Relay	Alarm	Replaced K2	8
7/20/79	11	1623 11-PI-53	OPS	Plugged snubber	No Reading	Replaced snubber	3
7/5/79	13	2386 13-TS-102C	OPS	Loose connection	Alarm	Tightened connection	20
7/11/79	13	2358 13-TS-102C	OPS	Loose connection	Alarm	Tightened connection	7



JAMES A. FITZPATRICK NUCLEAR POWER PLANT

Maintenance Summary

July 1979- I&C

356  
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Date	System	Work Request # Component #	How Detected	Cause of Malfunction	Results of Malfunction	Action taken to Preclude Recurrence	Repair Time (Hours)
7/5/79	17	2406 17-RIS-458B	OPS	Water	No Indication	Dried out	4
7/16/79	17	2333 17-RM-350	OPS	Drift	Failed ST	Recorder cal.	2
7/19/79	17	2264 17-RM-251D	OPS	Drift	Blown Fuse	F-ISP-64-1	13
7/9/79	20	2230 20-FT-354	I&C	Age	Bypass Valve Bad	Replaced valve	4
7/24/79	27	2265 27-HI-101B	OPS	Drift	Incorrect Indication	Calibrate	24
7/5/79	99	1089 Micro-Waves	SLC	Drift	No Alarm	Adjusted	16
7/5/79	99	1095 IAL-101	SEC	Unknown	Alarm	Found ok	1
7/9/79	99	1092 Door 217	SEC	Bad Door Latch	Alarm	Replaced Latch	32
7/16/79	99	1085 Printer Console	SEC	Unknown	Spurious Alarm	Found ok	2
7/16/79	99	1088 Door 314	SEC	Difference in Air Press. MG Room/ Fan Room	Alarm	Adjusted Time Delay	16
7/16/79	99	1945 Friskem	SEC	Drift	Alarm will not reset	Calibrate	6
7/16/79	99	1946 Door 311	SEC	Age	Alarm	Replaced board in #3 conc.	32

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

Safety Related Electrical & Mechanical Maintenance Summary

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
27 Jun	34	1546 PFSK-34B	N/A	NRC Bulletin 79-02	Modified PFSK-34.	245½
21 Jun	46	1309 H46-197	N/A	NRC Bulletin 79-02	Repaired per MPT-15	36
20 Jun	10	12785 10-AOV-68A&B	OPS	Air Operators do not work	Rebuild air operators	227
2 July	71	1880 Bat-3A,3B	ST	N/A	Cleaned LPCI battery rooms and performed PM on battery jars. Also retorqued all connectors.	160
29 Jun	13	1924 PFSK-1047	N/A	NRC Bulletin 79-02	Installed new support	463½
30 Jun	10	1272 RHR-42D	OPS	Check valve noisy	Replaced valve internals	340
29 Jun	10	1318 H10-476	Visual	Loose anchor bolts	Repaired per MPT-15	227½
21 Jun	76	1429 H76-47	Visual	Base plate away from wall	Repaired per MPT-15	114

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Safety Related Electrical & Mechanical Maintenance Summary

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
5 Jul	10	1493 H10-114	Visual	Anchor bolts not tightened	Repaired per MPT-15	40
21 Jun	46	1431 H46-184 & 196	Visual	Base plate from wall and one anchor bolt redrilled	Repaired per MPT-15	194½
3 Jul	23	1767 H23-25	Visual	Anchors pulled out excessively on proof load test	Repaired per MPT-15	105
27 Jun	46	1308 H46-3	Visual	Anchor bolts installed at an angle	Installed new base plate	166
3 Jul	10	1669 H10-532	N/A	NRC Bulletin 79-02	Replaced existing baseplate fasteners	480½
9 Jul	10	1676 H10-537	Visual	Anchor bolt loose	Inspector per MPT-15	44
2 Jun	10	1498 H10-127	Visual	Anchor bolt pulled loose from concrete	Repaired per MPT-15	116
9 Jul	02	11910 02-DPIS-118C Low Side Rack Valve	OPS	Rack valve has seat leakage	Replaced valve	8

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POWER AUTHORITY OF THE STATE OF NEW YORK  
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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
13 Jul	19	1776 H19-229	Visual	NRC Bulletin 79-02	Modified H19-229	91
17 Jul	10	1756 H10-531	Visual	NRC Bulletin 79-02	Repaired H10-531	358½
17 Jul	10	1764 H10-232	Visual	NRC Bulletin 79-02	Repaired H10-232	66½
16 Jul	10	1841 H10-225	Visual	NRC Bulletin 79-02	Modified H10-225	151
17 Jul	10	2232 H10-545	Visual	NRC Bulletin 79-02	Repaired H10-545	58
17 Jul	23	1369 H23-24	Visual	NRC Bulletin 79-02	Repaired H23-24	260
18 Jul	29	1545 H29-149	Visual	NRC Bulletin 79-02	Modified H29-149	260½
19 Jul	23	1373 H23-2	Visual	Loose bolt in pipe clamp	Repaired H23-2	2

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

Safety Related Electrical & Mechanical Maintenance Summary

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
10 Jul	10	1757 H10-232A	Visual	H10-232A repair	Repaired per MPT-15	166
10 Jul	29	1772 H29-347B	Visual	Fasteners broken during inspection	Replaced fasteners	448½
10 Jul	12	1905 PFSK-1040	Visual	Fastener broken during inspection	Replaced fasteners	272
9 Jul	29	1667 PFSK-1135A	Visual	NRC Bulletin 79-02	Modified PFSK-1135A	467
11 Jul	10	1544 H10-213	N/A	NRC Bulletin 79-02	Modified H10-213	168
10 Jul	23	2363 MOV-57, P-140	OPS	Misalignment of MCC breaker operator with breaker switch	Aligned breaker operator	1
9 Jul	23	2332 MOV-17	Maint	Improper reinstallation of valve operator torque switch following PM caused motor to fail during post PM testing	Replaced motor and corrected torque switch installation	16

POWER AUTHORITY OF THE STATE OF NEW YORK  
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Safety Related Electrical & Mechanical Maintenance Summary

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DATE	SYSTEM	WORK REQUEST #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
		COMPONENT #				
12 Jul	12	2246 H12-86	N/A	NRC Bulletin 79-02	Modified H12-86	151
14 Jul	19	1774 H19-230	N/A	NRC Bulletin 79-02	Modified h19-230	94
14 Jul	10	1900 H10-42A	N/A	Insulation removal for inspection	Removed & reinstalled insulation	47
14 Jul	29	1542 H29-150	Visual	NRC Bulletin 79-02	Modified H29-150	359
13 Jul	02	1541 PFSK-1254	Visual	NRC Bulletin 79-02	Modified PFSK-1254	60
14 Jul	10	2241 H10-145	N/A	Insulation removal for inspection	Removed & reinstalled insulation	2
16 Jul	46	2397 PFSK-1100	Visual	NRC Bulletin 79-02	Repaired PFSK-1100	140½
16 Jul	46	2398 PFSK-1101	Visual	NRC Bulletin 79-02	Repaired PFSK-1101	84½

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Safety Related Electrical & Mechanical Maintenance Summary

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HO# DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
20 Jul	14	2223 H14-46	N/A	Insulation removal for inspection	Removed & reinstalled insulation	78
20 Jul	46	2224 H46-37	N/A	Insulation removal for inspection	Removed & reinstalled insulation	34
20 Jul	46	2225 H46-36	N/A	Insulation removal for inspection	Removed & reinstalled insulation	37
17 Jul	27	1808 F-6B	Visual	Flange gasket leak	Replace gasket	1
19 Jul	66	1810 UC-22A-K	OPS	Clean unit cooler Y-strainers	Cleaned strainers & flushed lines	32
19 Jul	10	1799 S-5A	OPS	Clean strainer	Cleaned strainer	12
14 Jul	10	2371 S-5B	Visual	Baseplate hole oversize	Repaired S-5B hanger	20
21 Jul	29	1531 H29-213	Visual	NRC Bulletin 79-02	Modified H29-213	47

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POWER AUTHORITY OF THE STATE OF NEW YORK  
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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 Jul	29	1777 PFSK-1270	Visual	NRC Bulletin 79-02	Modified PFSK-1270	251
20 Jul	12	1768 h12-89	Visual	Anchor bolt loose	Repaired H12-89	122½
21 Jul	14	1751 H14-42A	Visual	NRC Bulletin 79-02	Modified H14-42A	410
20 Jul	14	1908 H14-45	Visual	NRC Bulletin 79-02	Modified H14-45	198
24 Jul	76	2153 P-2	Special Testing	Upon pump start, Control Room did not receive running light or annunciator. Spare contact in auxiliary relay contact was jamming.	Removed spare contact spring assembly because it is not needed	3

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