

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: FitzPatrick
2. Reporting Period: 790601 - 790630
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 in accordance with NRC
"Show Cause" order of March 13, 1979.

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	<u>720</u>	<u>4343</u>	<u>34416</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>1767.3</u>	<u>23829.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>1767.3</u>	<u>23054.4</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>3,626,179</u>	<u>45,840,308</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>1,235,720</u>	<u>15,530,590</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>1,198,435</u>	<u>15,024,420</u>
19. Unit Service Factor	<u>0</u>	<u>40.7 %</u>	<u>67.0 %</u>
20. Unit Availability Factor	<u>0</u>	<u>40.7 %</u>	<u>67.0 %</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>34.5 %</u>	<u>61.1 %</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>33.6 %</u>	<u>53.2 %</u>
23. Unit Forced Outage Rate	<u>100%</u>	<u>59.3 %</u>	<u>18.2 %</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u>			

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):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

Achieved

7907100609

323 123

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333

UNIT JAFNPP

DATE July 1979

COMPLETED BY E. Zufelt

TELEPHONE (315) 342-3840

MONTH June 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>-</u>

SUMMARY:

Unit continues to remain in cold shutdown condition in accordance with the NRC "Show Cause" order of March 13, 1979.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 1979

DOCKET NO. 50-333
 UNIT NAME JAFNPP
 DATE July 1979
 COMPLETED BY E. Zufelt
 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
5	790315	F	720	D	4	79-014	ZZ	ZZZZZZ	Continuing re-evaluation of stress calculation and to make modifications if required (cumulative hours to date - 2575.7)

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

323 125

JAMES A. FITZPATRICK NUCIFAR POWER PLANT

Maintenance Summary

June 1979 I&C

Date	System	Work Request # Component #	How Detected	Cause of Malfunction	Results of Malfunction	Action taken to Preclude Recurrence	Repair Time (Hours)
6/12/79	02	415 02-TR-165	OPS	Loose T/C on saction	Incorrect readings	Fastened T/C Loop/Cal.	98.0
6/13/79	02	1666 02-TIC-200	I&C	OR-79-88	--	--	1.0
6/20/79	02-3	1622 ATU-278A	I&C	Improper switch position	No trip current display	Switch to proper position	1.0
6/20/79	03	12281 34-15 RPI	OPS	Bad connector	Drift alarm	Replaced conn.	64.0
6/27/79	03	11285 4 Rod Display	OPS	Bad clip	Improper contact	Replaced	2.0
6/26/79	03	1871 4 Rod Display	I&C	Bad Transistor	Improper indication	Repaired	16.0
6/6/79	07	1703 IRM "D"	OPS	Unknown	Intermittent half-scrums	Cleaned/tightened connectors	14.0
6/18/79	07	728 SRM "A"	I&C	Bad detector	No indication	Replaced/Cal.	400.0
6/18/79	07	1568 SRM "B,C,D"	I&C	N/A	N/A	Determine pre-amp gain	80.0
6/4/79	10	1637 10-LS-100A	OPS	Loose connector recorder	No annun.	Tightened conn.	8.0
6/11/79	17	1624 452B 17-RIS-455B	OPS	Recorder drift	Failed ST	calibration	3.0
6/4/79	27	1639 27-PT-102B	I&C	Procedure error	OR-79-083	Change procedure	3.0

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

Maintenance Summary

June 1979 I&C

Date	System	Work Request # Component #	How Detected	Cause of Malfunction	Results of Malfunction	Action taken to Preclude Recurrence	Repair Time (Hours)
6/12/79	27	<u>1584</u> 27-R-101	OPS	No recording	Broken pen	Replaced pen	4.0
6/18/79	27	<u>6017</u> 27-PC-101A	OPS	Maint. repair of valve	Valve needs stroking	Stroked	6.0
6/18/79	27	<u>6018</u> 27-PC-122A	OPS	"	"	"	6.0
6/23/79	27	<u>1873</u> 27-PC-101B	I&C	Out of cal.	Out of cal.	Calibration	4.0
6/23/79	27	<u>11736</u> 27-PCV-122B	OPS	Out of cal.	Improper control	Calibration	4.0
6/22/79	27	<u>34</u> 27-AOV-127B	OPS	Valve rebuilt	Out of cal.	Stroked	8.0
6/12/79	76	<u>1579</u> 76-PI-103	OPS	Gage out of cal.	--	Replaced/cal.	4.0
6/18/79	93	<u>753</u> 93-AM-C	I&C	Age	No indication	Replaced/cal.	6.0
5/29/79	99	<u>1695</u> Camera #1	Sec.	Lightning	No picture	Replaced Balanced amp.	40.0
6/4/79	99	<u>1694</u> Camera #1	Sec.	Unknown	No picture	Adjusted	20.0
6/4/79	99	<u>852</u> Security printer	Sec.	Bad Diodes	Will not print	Repaired	40.0
6/9/79	99	<u>860</u> Security terminal	Sec.	Broken	Will not type	G.E. repair	1.0

323 127

Maintenance Summary

June 1979 I&C

[illegible]

523 128

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

Safety Related Electrical & Mechanical Maintenance Summary

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
24 Jun	71	<u>71</u> SB-1, SB-2	OPS	Replace two cells of the wrong type. During initial construction two (2) Type NCX-2550 cells were installed instead of NCX-2250. Also replaced cell which had been jumpered. Jumpered cell had experienced cracked case in 1977.	Replaced with NCX-2250 cells Installed new cell in jumpered position	48
24 Jun	71	<u>1212</u> SB-1, SB-2	PM	N/A	Disconnected, cleaned, regreased, and retorqued all battery connections. Rechecked torque valves following equalize charge.	
27 Jun	17	<u>1522</u> 04-2	Audible	Lower particulate pump noisy	Replaced motor bearings	10
26 Jun	02	<u>1782</u> SS-A&B-14	N/A	Requested to clean anchor bolt threads & retorque	Completed retorque	6
18 Jun	10	<u>1685</u> RHR-42C	OPS	Check valve noisy	Replaced disc holder	300
20 Jun	46	<u>1677</u> H-46-34	N/A	Unable to test anchor bolts	Installed new anchors	51½

323 127

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

Safety Related Electrical & Mechanical Maintenance Summary

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
20 Jun	46	<u>1649</u> H-46-41	N/A	Unable to inspect anchor bolts	Installed new fasteners	40
21 Jun	46	<u>1919</u> H-46-42	N/A	Anchors loose & broken	Installed new fasteners	114
21 Jun	71	<u>1457</u> Bus 11500	N/A	N/A	Performed electrical preventative maintenance on Bus 11500	80
23 Jun	46	<u>1674</u> H-46-39	N/A	NRC-79-02 Inspection	Repaired IAW MPT-15	190
19 Jun	93	<u>1654</u> EDG-A	N/A	Preventive maintenance	Cleaned left & right air bank solenoid valves	8
19 Jun	93	<u>1655</u> EDG-C	N/A	Preventive maintenance	Cleaned left & right air bank solenoid valves. Replaced right bank solenoid valve.	12
19 Jun	46	<u>1506</u> S-5B	OPS	Strainer cover gasket leak	Tightened cover	2
19 Jun	33	<u>1640</u> HCU Valves	OPS	HCU Valves - air leaks	Rebuild solenoid valves	24

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

Safety Related Electrical & Mechanical Maintenance Summary

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
20 Jun	93	<u>1563</u> EDG-B	Visual	Air Access fasteners spot welds failed	Rewelded door latches	1
21 Jun	93	<u>1656</u> EDG-D	N/A	Preventive Maintenance	Cleaned left & right air bank solenoid valves	12
15 Jun	27	<u>930</u> RM-102A	OPS	Motor will not start	Replaced two drive sub-assemblies and new cover plate	24
15 Jun	27	<u>929</u> RM-101A	OPS	Excessive noise from pump	Replaced pump	28
16 Jun	27	<u>693</u> SOV-123B	OPS	Solenoid coil is continually failing	Disassembled, cleaned, and rebuild valve	12
16 Jun	71	<u>1120</u> Bus 12600	N/A	N/A	Performed electrical preventive maintenance on Bus 12600	45
18 Jun	70	<u>1409</u> F-11B	OPS	High D/P during operation	Changed filters	2
2 Jun	27	<u>11039</u> AOV-126B	OPS	Valve sticks shut	Freed brass bushing in manual handwheel assembly	9
2 Jun	27	<u>34</u> AOV-127B	OPS	Position indicator broken	Replaced broken indicator	40

3251

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

Safety Related Electrical & Mechanical Maintenance Summary

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
12 Jun	71	1458 Bus 12500	N/A	N/A	Electrical PM's of switchgear, breakers, and motor loads	50
13 Jun	29	813 AOV-80A	Visual	Packing leak	Ground seat, replaced pilot valve, and repacked	600
14 Jun	27	11737 CNS-14B	OPS	Seat leakage	Remachined seat & plug	12
14 Jun	01-125	1175 FN-1B	Visual	Fan belts need replacing	Replaced fan belts	2
6 Jun	46	1691 S-5A&B	OPS	Requested to clean strainers	Cleaned strainers	3
6 Jun	02	1130 MOV's	N/A	N/A	Preventive maintenance of valve motor operators	48
6 Jun	27	1682 AOV-131A, 132A	ST	Position switches out of adjustment	Adjusted and tested valve position switches	6
8 Jun	46	1310 H46-336	Visual	MPT-15 repair	Replaced angle	9
9 Jun	67	1595 C-16A&B	OPS	Dirty filters	Replaced filters	4

325132

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

Safety Related Electrical & Mechanical Maintenance Summary

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
11 Jun	10	102 Hangers	DCAR-001-79	Incomplete installation	Completed items to clear DCAR	4
12 Jun	93	1574 EDG -B	OPS	Air start motors remained engaged with diesel running	Replace starters, cleaned air start valves, installed new right bank start magnet valve	32
4 Jun	11	1119 EV-14A,B	Maint.	Broke squib valve connector pin while performing Modification FI-78-02 (ref. WR #11/1125)	Replaced both squibs and tested per ST-6E, MP 11.2	16
4 Jun	11	1628 P-2B	OPS	Breaker operator misaligned with breaker switch	Realigned operator	1/3
5 Jun	23	141 10" SHP 902-19	Visual	Weld leak	Repaired weld	10
5 Jun	14	12889 P-1B	Visual	Leak on gland leak-off	Replaced bushing & pipe nipple	5
2 Jun	14	1421 H 41-1	Visual	H 14-1 needs minor grouting rework	Regouted baseplate	14/1420*
*Previously reported (May 1979)						

323 133

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

Safety Related Electrical & Mechanical Maintenance Summary

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
26 Jun	71	<u>1121</u> Bus 11600	N/A	N/A	Performed electrical preventative maintenance on Bus 11600	72
21 Jun	10	<u>1914</u> H-10-50	N/A	NRC 79-02 Inspection	Modified existing support	299½
26 Jun	13	<u>1917</u> PFSK-1051	N/A	Snubber test for NRC 79-02	Removed, tested & reinstalled snubber	18
26 Jun	13	<u>1915</u> PFSK-1050	N/A	Snubber test for NRC 79-02	Removed, tested & reinstalled snubber	6
28 Jun	10	<u>1851</u> MOV-25B	ST	Valve operator torque switch binding prevented valve from opening	Replaced torque switch and adjusted valve position rotors	10
20 Jun	71	<u>1019</u> SB-2	OPS	Cell #6 had cracked case causing leak and resulting battery ground	Replaced cell	6

323 134