

OPERATING DATA REPORT

DOCKET NO. 50-333
 DATE JAFNPP
 COMPLETED BY E. ZUEHLT
 TELEPHONE 315-342-3840

OPERATING STATUS

1. Unit Name: FitzPatrick
2. Reporting Period: 800801 - 800831
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: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5855</u>	<u>44688</u>
12. Number Of Hours Reactor Was Critical	<u>499</u>	<u>3435.1</u>	<u>30065.3</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>435</u>	<u>3328</u>	<u>29066</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>532200</u>	<u>6394224</u>	<u>57582418</u>
17. Gross Electrical Energy Generated (MWH)	<u>171470</u>	<u>2190490</u>	<u>19544190</u>
18. Net Electrical Energy Generated (MWH)	<u>164780</u>	<u>2118150</u>	<u>18908725</u>
19. Unit Service Factor	<u>58.5%</u>	<u>56.8%</u>	<u>65.0%</u>
20. Unit Availability Factor	<u>58.5%</u>	<u>56.8%</u>	<u>65.0%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>27.7%</u>	<u>45.2%</u>	<u>57.7%</u>
22. Unit Capacity Factor (Using DER Net)	<u>27.0%</u>	<u>44.1%</u>	<u>51.5%</u>
23. Unit Forced Outage Rate	<u>0%</u>	<u>4.8%</u>	<u>19.5%</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled snubber inspection and maintenance outage in January, 1981,
for approximately 10 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	_____	_____

8009090308

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333

UNIT JAFNPP

DATE SEPT. 1980

COMPLETED BY E. ZUFELT

TELEPHONE 315-342-3840

MONTH August, 1980

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>96</u>
12	<u>0</u>
13	<u>0</u>
14	<u>103</u>
15	<u>165</u>
16	<u>235</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>283</u>
18	<u>327</u>
19	<u>272</u>
20	<u>292</u>
21	<u>400</u>
22	<u>460</u>
23	<u>446</u>
24	<u>443</u>
25	<u>441</u>
26	<u>436</u>
27	<u>433</u>
28	<u>439</u>
29	<u>528</u>
30	<u>591</u>
31	<u>560</u>

SUMMARY: Unit was returned to service at 1700 on September 11, 1980 following the third refueling outage. The unit was removed from service at 2200 for scram testing and turbine overspeed testing which lasted for 52 hours. Unit was returned to service on September 14, 1980.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH AUGUST

DOCKET NO. 50-333
 UNIT NAME JAFNPP
 DATE SEPT. 1980
 COMPLETED BY E. ZURLET
 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
14	800507	S	257	C	4	NA	RC	Fuel XX	Refueling Outage (Cumulative Hours 2309)
15	800811	S	52	H	2	NA	NA	NA	Scram Test and Turbine Test Per NRC Bulletin 80-17

¹
 F: Forced
 S: Scheduled

²
 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)

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

AUGUST, 1980

The refueling outage was completed on August 11, 1980 and the unit was returned to service at approximately 1700 hours. At 2200 hours, the unit was taken off line for scram testing and turbine overspeed testing.

Upon completion of the test, the unit was placed on line at 0130 hours on August 14, 1980.

At the end of the reporting period the unit is operating at approximately 570 MWe and increasing power at the preconditioning rate.

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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
30 July	23	8055 MOV-16	Ops	Broken electrical terminal connector in control room panel resulted in loss of position indication.	Replaced connector	1
26 July	71	7285 Breaker 10630	Ops	Breaker housing out of adjustment.	Adjusted housing and breaker to allow proper breaker insertion.	10
25 July	15	5227 H15-168	Visual	NRC Bulletin 79-02 Inspection.	Modified H15-168	143
28 July	70	5896 BFSK 548	Visual	NRC Bulletin 79-02 Inspection.	Modified BFSK 548	124 1/4
26 July	10	5743 MOV-66A	Visual	Leakage	Repacked MOV-66A	73
30 July	03	3608 CRD Mechanisms	Ops/PM's	Preventive Maintenance/ SIL-139	CRD changeouts	4866
29 July	10	7033 P-3C	Ops	Leakage	Repaired P-3C	24
29 July	10	7991 MOV-25A	Ops	Auxiliary contact binding	Loosened aux. contact and replaced pitted main contacts.	80
20 July	10	6618 MOV-18	Ops	Valve pressure seal leak over a period of time caused motor failure.	Fixed valve leak, rebuilt valve motor operator and replaced motor.	200
31 July	02	6551 SOV-71A-L	Visual	None. Solenoid Valves sent to valve vendor for special inspection.	None.	18

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28 July	02	4770 AOV-17 & 18	Environmental Qualification	None	Replaced solenoids	6
28 July	03	7910 HCU 30-23	Ops	Leaking valve packing	Replaced valve	2
28 July	03	7823 HCU 30-23	Ops	Leaking cylinder piston	Replaced cylinder	6
28 July	03	7913 HCU 42-11	Ops	Leaking valve packing	Replaced valve	2
28 July	03	7708 HCU 38-47	Ops	Leaking cylinder piston	Replaced cylinder	4
28 July	10	7802 Flow Orifice for FT 97A & FI 132A	ST	System flow low due to fouling	Removed R105A orifice	3
28 July	10	7389 P-3C	Visual	Leaking fitting	Disassembled fittings, cleaned, reassembled	6
25 July	15	7736 Supply to A&C EDG	Visual	Bent pipe nipple - hitting penetration when pipe moved.	Cut off nipple and plugged	28
26 July	10	8040 Service Water High Point Vent	Ops	Line plugged	Cycled valves-flushed out line	1/2

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
1 Aug	93	8052 EDG-D	Ops	Shorted light bulb	Replaced bulb	4
31 July	71	3038 SB-2	Ops	Cracked battery cell resulted in small electrolyte leakage	Replaced battery cell	6
31 July	39	6820 IAS-513	LLRT	Seat leakage	Cleaned and lapped seat	78 1/2
1 Aug	23	6598 HPI-65	LLRT	Seat leakage	Repaired HPI-65	684
30 July	23	4467 HPI-12	ISI	Surface indications on welds	Removed indications and reinspected satisfactory	405
31 July	10	7775 MOV 26A & RHR-52	LLRT	Excess leakage	Disassembled, cleaned and lapped	190
31 July	10	6817 MOV-38B	LLRT	Seat leakage	Repaired MOV-38B	162
31 July	10	7776 MOV-31A	LLRT	Seat leakage	Repaired MOV-31A	250 1/4
30 July	15	5904 H15-145	Visual	NRC Bulletin 79-02 Inspection	Modified H15-145	165
4 Aug	10	5908 H10-173	Visual	NRC Bulletin 79-02 Inspection	Modified H10-173	419 3/4

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
4 Aug	15	<u>5903</u> H15-148	Visual	NRC Bulletin 79-02 Inspection	Modified H15-148	317 1/2
4 Aug	76	<u>5233</u> H76-30	Visual	NRC Bulletin 79-02 Inspection	Modified H76-30	216 1/2
4 Aug	15	<u>5226</u> H15-194	Visual	NRC Bulletin 79-02 Inspection	Modified H15-194	231 1/4
4 Aug	10	<u>5197</u> H10-498	Visual	NRC Bulletin 79-02 Inspection	Modified H10-498	458
5 Aug	10	<u>8090</u> P-3C	Visual	Leaking flange	Tightened flange	39
5 Aug	10	<u>8091</u> MOV-27A	Visual	Packing replacement	Tightened packing	18
5 Aug	11	<u>7729</u> 11A-SI	Ops	Loose screw in switch	Tightened screws	8
6 Aug	11	<u>5397</u> EV-14 A & B	N/A	N/A	Performed F-ST-6E - Explosive valve testing	5
7 Aug	66	<u>8113</u> AOV-100A	Ops	Switch actuating arm out of adjustment	Adjusted Actuating Arm	4

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5 Aug	03	<u>3607</u> CRD	Ops	Preventive Maintenance; Corrosion products in valves which were replaced	Leak test spare CRD's, rebuild CRD's which were replaced	
5 Aug	11	<u>5444</u> EV-14 A & B	S.T.	N/A	Provided mechanical support for F-ST-6D	15
5 Aug	11	<u>5397</u> EV-14 A & B	S.T.	N/A	Provided mechanical support in conjunction with WREQ'd 5444 & 5397 (Recorded above)	5
6 Aug	27	<u>6998</u> 27P-11B	Ops	Broken diaphragms - Cyclic fatigue	Replaced diaphragms	18
4 Aug	29	<u>8098</u> AOV-80B	Visual	Improperly packed	Repacked	4
8 Aug	01-125	<u>5461</u> F-2A	S.T.	Dirty filter	Replaced filter	3
8 Aug	01-125	<u>8120</u> F-1B	S.T.	Dirty filter	Replaced filter	8
7 Aug	00	<u>4785</u> W. Crescent to torus door	N/A	Open for maintenance	Closed and torqued door	2
8 Aug	03	<u>4808</u> <u>A5330</u> HCU	Maintenance Records	Leaking cylinder piston	Rebuilt cylinder	2

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
8 Aug	15	<u>5225</u> PFSK 812	Visual	NRC Bulletin 79-02 Inspection	Modified PFSK 812	180 1/4
8 Aug	27	<u>6550</u> MOV-111 thru 118	N/A	NRC required modifica- tion	Modified per F1-80-31	404
8 Aug	02	<u>8095</u> RV-71 E & K	Ops	Flange leaks	Replaced gaskets between pilot base and main base	184
7 Aug	10	<u>8094</u> RHR-88	Ops	Packing leak	Tightened packing	36
7 Aug	10	<u>7908</u> RHR-42B	Ops	Leaking by seat	Repaired RHR-42B	378 3/4
8 Aug	23	<u>8093</u> MOV-15	Ops	Seal leak	Repaired MOV-15	696
11 Aug	02	<u>4408</u> MOV-43A	Ops	Seal leak	Repaired MOV-43A	200
12 Aug	27	<u>7420</u> MOV-113	Ops	Midadjustment of valve operator geared limit switch gave false position indication	Adjusted switch	2
12 Aug	10	<u>8044</u> PCV-69B	Ops	Failed position switch- plunger stuck	Replaced switch	6

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13 Aug	71	<u>7473</u> INV-3B	Ops	Failed inverter AC voltage/current logic PC board tripped inverter	Replaced PC logic cord	3
13 Aug	23	<u>7471</u> MOV-57	Ops	Improper adjustment of molded case breaker external operating handle	Adjusted handle	2
13 Aug	93	<u>2289</u> IEDGDBX012	Maintenance	Split in cable outer jacked. No electrical malfunction resulted	Repaired cable split	1
13 Aug	10	<u>7465</u> RHR-81A	Ops	Misadjusted open position indication on manual valve	Adjusted position switch	2
6 Aug	71	<u>5780</u> JBI-X100G	Maintenance	Sheared bolts on elec- trical penetration box cover	Drilled and tapped for new bolts. Replaced gasket.	15
11 Aug	66	<u>5907</u> H66-6	Visual	NRC Bulletin 79-02 Inspection	Modified H66-6	66 1/2
12 Aug	15	<u>5238</u> PFSK 811	Visual	NRC Bulletin 79-02 Inspection	Modified PFSK 811	329 1/2
12 Aug	10	<u>5913</u> H10-70C	Visual	NRC Bulletin 79-02 Inspection	Modified H10-70C	34
12 Aug	15	<u>5215</u> H15-105	Visual	NRC Bulletin 79-02 Inspection	Modified H15-105	47

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
12 Aug	10	<u>5161</u> H10-455	Visual	NRC Bulletin 79-02 Inspection	Modified H10-455	302 1/2
14 Aug	10	<u>5927</u> H10-243	Visual	NRC Bulletin 79-02 Inspection	Modified H10-243	80 1/1
14 Aug	10	<u>5926</u> H10-487	Visual	NRC Bulletin 79-02 Inspection	Modified H10-487	4
14 Aug	76	<u>5201</u> H76-33	Visual	NRC Bulletin 79-02 Inspection	Modified H76-33	418 1/2
14 Aug	15	<u>5922</u> H15-88	Visual	NRC Bulletin 79-02 Inspection	Modified H15-88	36
14 Aug	10	<u>5902</u> H10-547	Visual	NRC Bulletin 79-02 Inspection	Modified H10-547	329 1/2
14 Aug	10	<u>5187</u> H10-499	Visual	NRC Bulletin 79-02 Inspection	Modified H10-499	528 1/2
14 Aug	10	<u>5169</u> H10-454	Visual	NRC Bulletin 79-02 Inspection	Modified H10-454	161 1/2
15 Aug	10	<u>5245</u> Detail A	Visual	NRC Bulletin 79-02 Inspection	Modified detail A	97 1/2
18 Aug	99	<u>4806</u> Door to E Cres- cent to torus room	Visual	Open for maintenance	Closed and torqued door	5

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
18 Aug	03	<u>7483</u> Scram Inst Volume	Visual	Kicked gage glass while taking sample	Replaced glass	1
18 Aug	17	<u>7274</u> Rx Bldg Vent Monitor	Ops	Worn belt	Replaced belt	4
19 Aug	23	<u>7998</u> AOV-42	Ops	Misadjustment of switch actuating lever	Adjusted position switch for proper valve position indication	3
18 Aug	03	<u>6242</u> PI Probes	Ops	Failed reed switches in control rod position indication probes.	Replaced reed switches and tested	40

POWER AUTHORITY OF THE STATE OF NEW YORK
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MAINTENANCE SUMMARY

I&C AUGUST, 1980

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
8/8/80	02	<u>8147</u> 2E-K5 A & B	Ops	Unknown	Inaccurate Time Out	Calibrate Timer Perform ST-32A	3
8/8/80	02	<u>7421</u> RSCS	Ops	Logic Board Failure	Unable to Perform Group Notch Test	Replace Group Memory Card	2
8/10/80	02	<u>7113</u> PS-128A	I&C	Faulty Switch	Drifting	Replace Switch Perform ISP 5-1	2
8/3/80	03	<u>3863</u> PI-06-31	Ops	Unknown	Incorrect Rod Position Indication	Checked R.P. with GE Test Fixture	2
8/26/80	03	<u>8151</u> PS-230	Ops	Unknown	Incorrect Set Point	Perform Step 5.4.5 Of IMP 3.3	6
8/29/80	03	<u>7941</u> HCU 46-19	Ops	Unknown	Incorrect Set Point	Perform IMP 3.5	4
8/5/80	05	<u>7942</u> IS-7	Ops	Level Switch	MSIV Required Several Cycles to Obtain Full Open	Readjust Switch Perform ISP 65-1	4
8/6/80	07	<u>8030</u> IRM 'A'	Ops	CRD Changeout	Spurious Trips	Perform F-ISP-71	5
8/6/80	07	<u>8107</u> IRM 'A'	Ops	Unknown	Erratic Response	Perform F-ISP-71	5
8/12/80	07	<u>7432</u> IRM A,B,H	Ops	Connector Failure	IRM Failure	Replace Cable Connector	52
8/12/80	07	<u>7433</u> IRM 'D'	Ops	Drive Mechanism Gear Box Failure	IRM D Inop	Replace Gear Box	8

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MAINTENANCE SUMMARY

I&C AUGUST, 1980

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
8/28/80	07	<u>7943</u> RR-45	Ops	Normal Wear/Use	Inoperable Recorder	Replace Motor Change Pens Perform IMP G14	3
7/19/80	12	<u>7728</u> TS-139 A,C,D,E,F	Ops	Weak Batteries in Meter Wiring Problem	Incorrect Indication	Replace Battery Check Wiring per FI- '9-21	20
8/6/80	16	<u>8115</u> X-104D	Ops	Leak	Pressure Failure	Perform d IP-ST-39R	1
8/6/80	17	<u>7829</u> RM-251	Rad. Protection	Unknown	Incorrect Indication	Calibrate as per ISP-64-1	10
8/6/80	17	<u>7830</u> A-RE-130	Rad. Protection	Unknown	Incorrect Indication	Calibrate as per ISP-19	12
8/6/80	17	<u>7831</u> B-RE-130	Rad. Protection	Unknown	Incorrect Indication	Calibrate as per ISP-19	20
8/20/80	17	<u>7503</u> RM-150B	Ops	Unknown	Unstable	Calibrate as per ISP-19	5
8/29/80	17	<u>7534</u> RM-431	Ops	Circuit Board	Downscale Indication	Replace Count Rate Card and Calibrate Monitor	40
8/27/80	17	<u>7535</u> RM-458B	Ops	Detector Failure	Incorrect Indicator	Replace Detector Perform ISP-26	6
8/6/80	17	<u>7934</u> RR-51	Ops	Broken Pen Cable	Recorder Failure	Replace Drive Cable and Calib.	5
8/21/80	20	<u>7517</u> FQ-530	Ops	Unknown	Drywell Equipment Drain Runs Constant	Perform ISP-15	4

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MAINTENANCE SUMMARY

J&C AUGUST, 1980

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