

OPERATING DATA REPORT

DOCKET NO. 50-333
 DATE MARCH 1982
 COMPLETED BY E. ZUFELT
 TELEPHONE (315) 342-3840

OPERATING STATUS

1. Unit Name: FITZPATRICK
 2. Reporting Period: 820201-820228
 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:

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	672	1416	57793
12. Number Of Hours Reactor Was Critical	0	0	39551.2
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0	0	38443.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	0	78401314
17. Gross Electrical Energy Generated (MWH)	0	0	26760610
18. Net Electrical Energy Generated (MWH)	0	0	25904730
19. Unit Service Factor	0%	0%	66.5%
20. Unit Availability Factor	0%	0%	66.5%
21. Unit Capacity Factor (Using MDC Net)	0%	0%	59.7%
22. Unit Capacity Factor (Using DER Net)	0%	0%	54.6%
23. Unit Forced Outage Rate	0%	0%	16.9%

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: MARCH 7, 1982

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

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

8204150298 820303
 PDR ADOCK 05000333
 R PDR

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333
UNIT JAFNPP
DATE MARCH 1982
COMPLETED BY E. ZUFELT
TELEPHONE (315) 342-3840

MONTH FEBRUARY 1982

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

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

SUMMARY: Fourth refueling and maintenance outage continued through this reporting period.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY 1982

DOCKET NO. 50-333
 UNIT NAME JAFNPP
 DATE MARCH 1982
 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
12	811031	S	672	C	1	N/A	N/A	N/A	Refueling outage (cumulative hours to date 2902.7)

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 OPERATIONAL EXPERIENCES
FEBRUARY 1982

The refueling and maintenance outage which began October 31, 1981, continued throughout this reporting period.

All major outage activities have been completed and normal start up procedures are in process. The unit is scheduled to be back in service on March 7, 1982.

POWER AUTHORITY OF THE STATE OF NEW YORK
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SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

FEBRUARY 1982

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
1/21	03	17311 Scram discharge volume gage glass	Visual	Broken during maintenance	Replaced gage glass	1
12/1	93	4531 FI-1C	Visual	Worn packing	Adjusted packing	1
1/16	16	16157 Drywell head lifting lug	Magnetic particle examination	As welded condition from construction	Ground out and rewelded	8
1/30	12	15551 RWC-62	LLRT	Seat leaks	Repaired as required	75.75
1/30	27	16071 AOV-101B	LLRT	Seat leaks	Repaired with new parts as required	1209
1/30	27	16075 AOV-114	LLRT	Seat leaks	Repaired with new parts as required	800.25
1/26	13	17155 AOV-34	OPS	Loose fittings	Replaced fittings	1
12/15	46	4795 EXJ 9, 10 A, B, C, D	Visual	Age	Replaced Emergency Diesel Generator Lube Oil Cooler expansion joints	75
1/15	93	16114 EDG-C	N/A	Preventative maintenance	Performed inspection and tuneup. Replaced #5 cylinder injector control linkage. Left bank water pump, turbocharger air duct, thermostatic control valve 'O' rings.	280

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1/30	14	16089 AOV-13A	LLRT	Seat leakage	Performed Hydrostatic LLRT	33
1/16	13	16163 RCIC-03	LLRT	Dirt on seat and disc	Disassembled, cleaned, blued, reassembled	28
1/16	13	12094 MOV-131	OPS	Steam cut seats and disc	Disassembled, lapped seats, replaced disc. P.M. limitorque	170
1/31	17	17296 Particulate iodine sampler JB-043A	Audio	Lack of lubrication	Lubricated	2
2/2	27	13431 SOV-125A & B	OPS	None	Blew air through line to prove line clear	20
2/2	27	15198 VB-1 thru 5	None	None	Removed for torus mod work	1221.75
1/12	27	14930 RTD-102A, RTD-113	Tech. Serv.	None	Part of Torus Mod.	790.5
2/1	15	11296 RBC-4A, B	Tech. Serv.	None	Plant Modification F1-81-25	447
1/28	46	4774 ESW-23	OPS	Wear of seat and disc	Replaced Valve Modification F1-81-51	676
1/28	02	9916 RV-71H	OPS	Worn gasket	Replaced gasket	14.5

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FEBRUARY 1982

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1/22	02	9448 RV-71A, D, E, F, H, K	None	None	Preventive maintenance	1780.75
1/25	10	17312 RHR-42A	OPS	Nut pin broken	Replaced nut pin	289
1/25	10	14102 RHR-42C	OPS	Worn disc pin and disc pin holder	Replaced disc pin and disc pin holder	434.5
1/25	13	13835 LS-74	OPS	Worn packing	Repacked	38.75
1/25	10	17124 MOV-57	OPS	Worn disc	Replaced disc	283
2/5	10	16736 RHR-88	OPS	Worn packing	Repacked	72
2/5	27	15062 MOV-117	LLRT	Seat leak	Repaired	61.5
2/4	10	9477 AOV-13A	LLRT	Packing and mechanical problems	Repaired	800.25
2/6	14	16089 AOV-13A	LLRT	Packing and mechanical problems	Repaired	
1/27	27	16095 AOV-113	LLRT	"T" sealing ring	Repaired with new parts	812.5
2/5	10	16093 MOV-27A	LLRT	Packing leaks	Replaced packing and adjusted	235.75

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FEBRUARY 1982

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2/5	34	16087 NRV-111B	LLRT	Seat leaks	Repaired	1890
2/4	34	16979 NRV-111A	LLRT	Seat leaks	Repaired	1419.5
2/3	10	16171 AOV-68B	LLRT	Body/bonnet leaks	Replaced gaskets	1486.5
2/6	27	16078 AOV-111,112 CAD-CV-68	LLRT	Seat leaks	Repaired, replaced new parts and seal rings	2567.75
1/14	13	11921 AOV-32	OPS	Worn internals	Replaced internals	30
2/13	14	17085 CSP-14A	OPS	Limit switches out of adjustment	Adjusted limit switches	4
2/4	03	16190 HCU-26-15 HCU-34-15 HCU-30-31 HCU-42-39 HCU-22-39 HCU-30-03 HCU-34-27 HCU-34-47 HCU-14-35 HCU-38-47	OPS	Packing leaks on 111 valves (10)	Replaced packing	6
2/4	10	15586 SOV-68B	OPS	Leaking solenoid valve	Replaced solenoid valve	16

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FEBRUARY 1982

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
2/6	03	16440 HCU-14-39	OPS	Leaking solenoid valve	Replaced diaphragm and 'O' rings	4
2/6	03	16439 HCU-22-31	OPS	Leaking scram valve	Replaced diaphragm	8
2/8	23	16767 MOV-57	OPS	Breaker switch misaligned	Realigned switch	2.5
2/12	02-2	16767 FCV-46A	OPS	Galled internals - foreign matter in valve	Honed valve internals-cleaned	24
2/9	13	16604 MOV-41	OPS	Breaker switch misaligned	Realigned switch	2
2/10	03	16729 HCU-42-39	OPS	Pinched 'O' ring	Replaced 'O' ring	2
12/2	27	12166 CNS-14B	OPS	Worn gasket	Replaced gasket	22.5
1/31	10	17151 RHR-42B	OPS	Worn shaft	Replaced disc arm and shaft	284.5
2/8	10	14761 E-2A	OPS	Erosion	Replaced nipple	108.75
2/6	66	17384 AOV-100B	OPS	Piston lock nut loose	Readjusted piston and tightened lock nut	10
2/7	66	16758 SOV-100B	OPS	Solenoid would not exhaust properly	Replaced solenoid valve	2

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1/21	27	16414 SOV-116	OPS	Air bleed off line crimped	Replaced tubing	11
1/30	76	12417 N/A	OPS	Pipe fitting leak	Replaced fitting	105
2/17	10	15419 26-S-187	Inspection	Cotter pin missing	Replaced cotter pin	14
2/22	27	16777 AOV-17, 18	Inspection	Seat leaks, packing leak	Repaired as required	360.5
2/22	27	14929 VB-1 thru-5	Mod and LLRT	LLRT leaks, Modification FI-81-20	Rebuilt with 'O' rings, bronze bushings per modification	40.5
2/22	27	15198 VB-1 thru-5	Disassemble for torus HVAC	None	Disassembled	2283.25
2/22	10	15065 RHR-88	Inspection	Packing leaks	Tightened packing	4.5
2/22	27	16096 VB-3	LLRT	Leaking 'O' rings	Replaced per ECR-FI-81-20-001	29
2/22	29	14718 MOV-74	LLRT	Seat, body/bonnet and packing	Repaired as required	52.5
2/22	23	15064 MOV-15	Hydro	Body/Bonnet	Replaced pressure seal and repacked	823

**POWER AUTHORITY OF THE STATE OF NEW YORK
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MAINTENANCE SUMMARY

I&C FEBRUARY 1982

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
2/27/82	02	13389 VMC-71F	JIC	Broken accelerometer	No response on active channel	Replaced accelerometer	1
2/24/82	02	13838 FT-110E	OPS	Possible instrument drift	Low flow indication	Performed F-ISP-63-1	2
2/19/82	02	16832 TE-145A	OPS	Possible loose connection	High temperature indication	Checked all connections	3
2/1/82	02-3	12641 PS-52B	JIC	Normal wear	Valve leaks	Replaced valve	9
2/27/82	02-3	12689 Flow unit B	OPS	Defective meter	Meter indicates below normal	Replaced meter	10
2/26/82	02-3	12942 LR-98	OPS	Def. power supply in brooks unit	Low level indication	Repaired brooks unit	18
2/28/82	03	13268 SDV	JIC	Hanger mods	N/A verify switch setpoints	Filled SDIV set switch per ISP-66-1	20
2/28/82	03	13400 Rod 10-23	OPS	Defective Q16 transistor	No "Full in" indication	Replaced Q16	2
2/17/82	03	16619 42-07	OPS	N/A	Low pressure alarm does not clear	Investigated the problem	9
2/6/82	03	17341 LS-129	JIC	"O" ring failure	HCU-10-11 leaks	Replaced "O" ring and calibrated	2
2/2/82	06	12338 FT-51B	JIC	Normal wear	Inst drain valve won't hold pressure	Replaced with new drain valve	7

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MAINTENANCE SUMMARY
I&C FEBRUARY 1982

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
2/23/82	07	12143 IRM-A	OPS	Short between detector and drive tube	Erratic response	Replaced detector and connectors	60
2/3/82	07	16464 I-RM-H	OPS	Open fuses	Does not track	Replaced fuses and realign drive	16
2/24/82	07	16851 PR-46D	OPS	Dirty slide wire	Recorder does not track	Cleaned and calibrated per IMP-7.28	2
2/22/82	10	13248 PI-120A,B	OPS	No power	Indicators don't respond	Restored power	8
2/18/82	10	16620 LS-105B	OPS	Old age	Alarm does not clear when full	Replaced K2 relay	5
2/2/82	14	13783 PS-47A-PT-38	JIC	Normal wear	Valve leaks	Replaced	4
2/1/82	16	16447 X-104D	OPS	Discharged	Low pressure	Recharged to 30 PSIA	2
2/23/82	16	16876 X-104D	OPS	Possible penetration leakage	Low pressure in penetration	Performed F-ST-39B	6
2/6/82	17	15642 RM-251A-D	JIC	Operation calibration	Verify currents are correct	Performed F-ISP-64-1	42
2/23/82	17	16830 RM-150A,B	JIC	Aging of detectors	Determine new calibration currents	Recalibrated using new currents	3
2/20/82	20	15849 FR-528	OPS	Defective brush, pen carrier	Pens not on paper	Replaced brush, fixed pen carriers	5

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2/2/82	23	8235 DPS-DPI	JIC	Craft working in area	DPS has been stepped on	Replaced and calibrated	13
2/20/82	23	16760 TE-105	OPS	N/A	H1 temp alarm on 09-21 panel	Calibrated	6
2/20/82	23	16833 DPIS-76-77	JIC	N/A	HPCI steam flow switches	Performed response time test	4
2/10/82	23	17347 DPIS-76-77	JIC	N/A	Check snubber pins for #/size	Check pins for number and size	6
2/13/82	27	16823 RTD-101-AD	JIC	SIP panel de-energized	Check resistance of RTD's	Measured resistance of RTD's	1
2/12/82	27	17349 FI-103A	JIC	Vibration caused loose connection	Does not respond	Tightened loose connect & calibrated	3
2/26/82	29	13965 AOV-86A	OPS	Possible drift of time adjust	Slow closure time long	Adjusted to 54 seconds	2
2/19/82	68	16857 TR-102	OPS	Connectors unplugged in drywell	Discrepancies in temperatures	Reconnected temperature element	1
2/3/82	93	16410 A&C RPM IND	OPS	N/A	Indicator reads 40 rpm's high	Calibrated to IMP-93.3	24
2/20/82	93	16460 EDG-B	OPS	Possible governor adjustment	Governor for speed erratic	Ran unit in parallel found OK	6