

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: FitzPatrick
2. Reporting Period: 820101 - 820131
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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>744</u>	<u>57121</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>0</u>	<u>39551.2</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>0</u>	<u>38443.6</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>0</u>	<u>78401314</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>26760610</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>25904730</u>
19. Unit Service Factor	<u>0%</u>	<u>0%</u>	<u>67.3%</u>
20. Unit Availability Factor	<u>0%</u>	<u>0%</u>	<u>67.3%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0%</u>	<u>0%</u>	<u>60.5%</u>
22. Unit Capacity Factor (Using DER Net)	<u>0%</u>	<u>0%</u>	<u>55.2%</u>
23. Unit Forced Outage Rate	<u>0%</u>	<u>0%</u>	<u>16.9%</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: February 1982
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

8210200024 R

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333

UNIT JAFNPP

DATE February 1982

COMPLETED BY E. Zufelt

TELEPHONE (315) 342-3840

MONTH January 1982

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>0</u>

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1982

DOCKET NO. 50-333
UNIT NAME JAFNPP
DATE February 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	744	C	1	N/A	N/A	N/A	Refueling outage (cumulative hours to date 2230.7)

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
JANUARY 1982

The refueling and maintenance outage which began October 31, 1981, continued throughout this reporting period. The major areas are TORUS modifications, LLRT testing, turbine generator maintenance, feedwater heater replacement and fire protection modifications. The outage activities are progressing with minimum slippage and the unit is scheduled to be back in service at the end of February, 1982.

9. December, 19 89 is the last possible refueling date that can be projected at this time given the presently licensed spent fuel pool storage capacity.

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

JANUARY 1982

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
12/4	02-2	16081 RWR-40A	LLRT	Seat leaks	Repaired as required	160.25
12/21	03	16082 CRD-110	LLRT	Loose nut	New lock nut installed	101.5
1/2/82	10	15055 RHR-700B/ 701B	LLRT	Seat leaks	Valves reworked w/new parts	323.75
1/16	10	15060 MOV-18	LLRT	Seat leaks	Repaired under direction of factory rep	3936.25
1/14	10	15061 MOV-17	LLRT	Seat leaks	Repaired under direction of factory rep	1345.75
1/2	10	16086 MOV-34B	LLRT	Seat leaks	Repaired as required	2315.75
1/13	10	16092 RHR-703A	LLRT	Seat leaks	Repaired as required	111
1/16	13	16085 RCIC-04/05	LLRT	Seat leaks	Repaired as required	244
1/2	27	16072 SOV-123A&B	LLRT	Seat leaks	New parts/NUREG 0578	171
1/6	27	16073 SOV-120A	LLRT	Seat leaks	New parts/NUREG 0578	36
1/14	27	16074 SOV-135B	LLRT	Seat leaks	Repaired w/new parts	146

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SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

JANUARY 1982

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
12/4	27	16076 SOV-125B	LLRT	Seat leaks	Repaired as required	100
1/14	27	16077 CV-70	LLRT	Seat leaks	Repaired as required	144
1/2	27	16088 CAD-81	LLRT	Seat leaks	Repaired as required	83
11/12	39	16083 SAS-9/10	LLRT	Seat leaks	Repaired as required	511.75
12/21	39	16084 BAS-4 & 5	LLRT	Seat leaks	Repaired/new parts	336
12/27	13	15999 MOV-16	LLRT	Seat leaks	Repaired/new parts	48
12/21	27	10407 PCV-122B	OPS	Seat leaks	Repaired/new parts	31
12/24	10	7938 RHR-45C	OPS	Stem binding	Repaired/new parts	300.5
1/13	02-1	16000 V-1Rx vessel	Scheduled	None	Disassembled for refueling	1506
1/14	27	15083 SOV-119A & B thru 123A&B	NUREG 0578 LLRT	Radiated material Seat leaks	Repaired/replaced parts	73.5
1/14	03	4838 HCU-117&118	Preventative maintenance	None	Installed diaphragm & pilot head kits	280

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JANUARY 1982

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
1/6	03	6839 CRD-109	OPS	Lack of lubrication	Disassembled valve, cleaned, lubricated, reassembled, packed.	40
1/11	10	4462 SV-35A, 35B 40 & 44	Mod. Fl-79-18	Wear on SV-35A - no malfunction - SV-35B, 40 or 44	Cut out valves - tested - reinstalled with welded flanges	246
1/7	10	2354 P-1C	Preventative maintenance	None	Removed & disassembled pump- replaced upper line shaft w/sleeves line bearing & sleeve - pump bearings, lower shaft coupling & packing	160
1/12	10	16095 AOV-68A	N/A	None	Performed LLRT Hydro - satisfactory	32
12/21	10	4643 MOV-16A	OPS	Worn packing	Repacked	10
1/6	27	15782 RV-101B	OPS	Sticking	Disassembled, cleaned, reassembled	6
1/6	27	13071 EH-10A	OPS	Suspected ground	Disassembled heater block, tested heaters - reassembled	60
1/6	27	8727 EH-10B	OPS	Open heater	Replaced heater	24
11/16	93	15165 Spare fuel oil transfer pump	Visual	Worn shaft seal	Replaced shaft seal	5

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MAINTENANCE SUMMARY

T&C JANUARY 1982

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
1/14/82	02	15278 TE-107 A-B	JIC	RTD's are old	None	Installed new RTD's	30
1/21/82	02	16988 LITS 59A & B	OPS	Core spray sparger work	Calibrated for cold water	Recalibrated	40
1/19/82	02-3	16501 TE-69 A1	JIC	Preventative maintenance	None	Resolder thermocouple wires	14
2/30/81	03	15279 HCU LS-129	JIC	Open switch & sealant	Clean, repair & replace as required	Cleaned, greased and installed	53
1/27/82	03	16636 RMCS	OPS	No full in signal from rod 10-43	Refuel rod select mode inoperable	Maint to fix, see WR-16591	16
12/29/81	03	17149 HCU 34-11	OPS	Pinched wire	Ground problem	Cleared ground problem	1
1/2/82	03	17300 HCU 18-27	OPS	Broke when being removed	Broken accum light on CRD matrix	Repaired existing mod & light	1
1/23/82	06	17337 LI-94C	JIC	Defective resistor	Indicator reads high	Changed resistor	12
1/13/82	07	9412 LPRM-36-05	OPS	Seal leak or bad connector	Intermittent downscales	Cleaned & performed	19
						IMP-7.22	
1/16/82	07	10068 LPRM 44-45	OPS	Seal leak or bad connector	Spiking 150% - 300% of normal reading	Performed IMP-7.22	12

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SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

JANUARY 1982

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
1/13	93	16152 EDG-A	Preventative maintenance	None	Replaced - turbocharger & air duct thermostatic control valve O-rings, left & right bank water pumps. Performed generator and breaker PM's. Tuned engine.	363

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MAINTENANCE SUMMARY

I&C JANUARY 1982

DATE	SYSTEM	WORK REQUEST #. COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
1/13/82	07	11732 LPRM-28-45	OPS	Seal leak or bad connection	Drifting	Cleaned and performed IMP-7.22	23
1/10/82	07	11924 LPRM 44-29D	OPS	Seal leak or bad connection	LPRM reading high	Performed F-IMP-7.22	33
1/13/82	07	13845 LPRM 36/21	OPS	Seal leak or bad connection	LPRM is drifting	Cleaned and performed IMP- 7.22	9
1/13/82	07	14429 LPRM-20-37	OPS	Possible bad detector	Drifted from 43 to 55 in 2 days	Performed IMP- 7.22 & replaced con	24
1/13/82	07	16040 LPRM-04-29	OPS	Blown fuse	Computer not receiving signal from LPRM	Replaced fuse F2 on LPRM card	8
1/16/82	07	17331 SRM B	JIC	Bad gear box	Fuse failures	Replaced gear box and fuses	12
1/13/82	07	17351 LPRM-12-37	OPS	Dirty Connector	Tripping of APRM "B"	Cleaned and performed IMP-7.22	18
1/7/82	17	15330 RIS-452 B	OPS	Defective potentiometer	Will not uniformly adjust	Cleaned and reset high volt pot	22
1/7/82	17	15334 RIS-458 A	OPS	Meter sticking	Needle sticks at 70-80 CPM	Cleaned meter and performed ISP-26	16
1/12/82	17	17157 RIS-456 A	OPS	Unknown	Meter and recorder differ 25%	Calibrated recorder	8

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MAINTENANCE SUMMARY

I&C JANUARY 1982

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