

OPERATING DATA REPORT

DOCKET NO. 50-333
 DATE April 1984
 COMPLETED BY J. Cook
 TELEPHONE (315) 342-3840

OPERATING STATUS

1. Unit Name: Fitzpatrick
2. Reporting Period: 840301 - 840331
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:
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	744	2184	76081
12. Number Of Hours Reactor Was Critical	434.3	1874.3	54403.1
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	361.6	1801.6	53001.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	596112	4030584	111767170
17. Gross Electrical Energy Generated (MWH)	192370	1348190	38567380
18. Net Electrical Energy Generated (MWH)	185755	1304045	36802685
19. Unit Service Factor	48.6%	82.5%	69.7%
20. Unit Availability Factor	48.6%	82.5%	69.7%
21. Unit Capacity Factor (Using MDC Net)	30.8%	73.7%	63.2%
22. Unit Capacity Factor (Using DER Net)	30.4%	72.7%	58.9%
23. Unit Forced Outage Rate	22.2%	5.4%	14.3%
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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

8404180102 840331
 PDR ADOCK 05000333
 R PDR

IE24

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333
UNIT Fitzpatrick
DATE April 1984
COMPLETED BY J. Cook
TELEPHONE (315) 342-3840

MONTH MARCH 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	796
2	681
3	17
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	37
15	278
16	459

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	469
18	469
19	494
20	508
21	509
22	165
23	0
24	0
25	4
26	54
27	395
28	443
29	515
30	704
31	744

SUMMARY: The unit operated at near full thermal power for the first two days of the reporting period. On 840303 the unit was taken out of service for maintenance. Startup commenced on 840314 and on 840322 the unit tripped on low Reactor Water Level. The unit returned to service on 840326.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1984

DOCKET NO. 50-333
 UNIT NAME Fitzpatrick
 DATE April 1984
 COMPLETED BY J. Cook
 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
3	840303	S	279	B	1	N/A	N/A	N/A	Shutdown for control rod drive maintenance and IHSI.
4	840322	F	64.2	A	3	84-009	SJ	P	Reactor Scram on Low Level caused by a Loss of Feedwater Pump "B" due to a wiped bearing. Feedwater pump "A" out of service for maintenance.
5	840325	F	39.2	A	3	84-009	SJ	P	Reactor Scram during startup on Low Level caused by loss of Feedwater pump "A" due to failure of a control oil line.

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MARCH 1984

The unit operated at near full thermal power for the first two days of the reporting period. On 840303 the unit was taken out of service for control rod drive maintenance and Induction Heat Stress Improvements. FitzPatrick plant returned to service on 840314. On 840322 the unit tripped on low reactor water level. The low level was caused by the loss of the "B" Feedwater pump due to a wiped bearing while the "A" pump was out of service for maintenance. Repairs were completed and startup commenced on 840325. During startup the unit again tripped due to low level caused by the loss of "A" Reactor Feed Pump. Repairs were completed and the unit returned to service on 830326.

At the end of the reporting period the unit is operating at approximately 744 MWe.

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
3/7	03	28294 CRD 14- 23	OPS	Normal use	Replaced CRD	25
3/9	03	19883 CRD 38- 19	OPS	Normal use	Replaced CRD	15
3/8	03	19876 CRD-14- 31	OPS	Normal use	Replaced CRD	60
3/6	03	19874 CRD 10- 47	OPS	Normal use	Replaced CRD	32
3/5	03	19870 CRD 06- 19	OPS	Normal use	Replaced CRD	28

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3/4	03	19869 CRD 02- 23	OPS	Normal use	Replaced CRD	50
3/12	29	20212 PF SK 1531	Incidental observ.	Loose baseplate anchor bolt	Re-torqued bolts	4
3/14	02	22813 MOV-54A	Visual	Worn packing	Re-torqued packing	2
3/11	14	20590 MOV-5B	N/A	No malfunction	Staked seat	8
3/13	29	27736 MOV-102	OPS	Packing leak over heated Limitor. op.	Repacked valve, rebuilt Limitorque operator	49
3/14	71	20218 MCC 153, E2, E3, E4 E5, E6	OPS	Poor connection on stab lock plug-ins	Adjusted	5
3/9	03	18520 CRDs 34- 15, 22-19 14-07, 26-19	OPS	Normal use	Replaced CRDs	150

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3/7	03	19875 CRD 14-11	OPS	Normal use	Replaced CRD	25
3/12	10	24668 AOV-68B	Leak test	Blown gasket	Replaced bonnet gasket	374
3/12	34	23935 NRV-111B	OPS	Limit switch out of adjustment	Readjusted	2
3/7	12	25207 MOV-15	N/A	No malfunction	Replaced motor per NRCB 79-01B	24
3/11	12 & 13	20203 12MOV-15 12MOV-18 13MOV-15 13MOV-16	N/A	No malfunction	Replaced gears per Mod. F1-83-41	96
3/11	23	25126 MOV-60	N/A	No malfunction	Verified gear ratio	15
3/11	29	25125 AOV-80D AOV-86D	N/A	No malfunction	Modified MSIV internals per Mod. M1-83-55	586

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
3/12	93	23934 AC-1B	OPS	Loose motor fan	Installed set screw	3
3/6	14	24521 MOV-5A	OPS	Seat backed out of valve	Retorqued seat - staked seat to valve body	29
3/9	02	25279 SCV-71H	OPS	Grounded lead	Taped lead	22
3/5	12	32345 MOV-15	OPS	Worn packing	Re-packed	10
3/10	20	25208 MOV-82	N/A	No malfunction	Replaced motor per NRCB 79-01B	24
3/6	20	25209 MOV-94	N/A	No malfunction	Replaced motor per NRCB 79-01B	22
3/9	29	24724 MST-700D	OPS	Stem twisted off	Replaced valve	12

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
3/10	34	24661 SOV-111A	OPS	Valve stuck open	Replaced valve	14
3/7	66	24747 UC22F	OPS	Breaker would not shut	Replaced breaker	4
3/7	93	25357 EDG 'D'	N/A	No malfunction	Replaced air baffles & heaters. Modified heater circuits per Mod. F1-80-027	100
3/8	93	25358 EDG 'B'	N/A	No malfunction	Replaced air baffles & heaters. Modified heater circuits per Mod. F1-80-027	100
2/28	03	22975 CRD S/N 3054	N/A	No malfunction	Rebuilt drive after leak testing and not installing in RPV	64
3/4	29	25211 MOV-74	N/A	No malfunction	Replaced motor per NRCB 79-01B	30

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
2/29	03	22765 CRD S/N A4058	Leak test	Unknown	Rebuilt Drive	52
2/29	03	22768 CRD S/N A3859, A4017, A3915, A4058, A5188, A5180, 3737, 3249, 3050, 4726, 7928, 4595, 3101, 3719,	N/A	No malfunction	Leak tested CRDs	140
3/6	03	19872 CRD 06- 27	OPS	Normal use	Replaced CRD	57
3/6	10	25206 MOV-32	N/A	No malfunction	Replaced motor per NRCB 79-01B	32
3/20	24	23296 Door K16	OPS	Interlock solenoid burned out	Replaced solenoid, cleaned & lubricated latch	3
3/20	66	23939 UC-22A	OPS	MCC starter found to have bent stab	Corrected stab and tested	16
2/29	70	24514 AHU12 A	OPS	Worn belts	Replaced belts	8

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
3/21	27	23283 SOV-125B	OPS	Solenoid valve sticking; coil burned out	Replaced coil, cleaned and rebuilt valve	17
3/21	29	24741 SOV 86B2 SOV 86B3	OPS	Leaking solenoid valve	Replaced solenoid valve	12
3/22	03	22763 CRD S/N 5180	N/A	Preventive Maint.	Disassemble, inspect and dry dry internals of CRD	20
3/26	03	22761 CRD S/N 3050	N/A	Preventive Maint.	Disassemble, inspect and dry internals of CRD	6
3/26	03	22762 CRD S/N 7928	N/A	Preventive Maint.	Disassemble, inspect and dry internals of CRD	6
3/26	29	23941 MOV-79	OPS	Valve operator torques-out before closing	Cleaned & lubricated valve stem	2
3/27	24	23940 Door R- 272/10	Visual	Interlock not working - latch bent	Replaced door latch	4

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3/27	03	21418 CRD 02- 27	OPS	No position indica- tion at 48	Tested & replaced existing position indicating probe	12
3/28	03	22863 CRD S/N 3765	N/A	Preventive Maint.	Disassemble, inspect and dry internals of CRD	6
3/28	03	22758 CRD S/N 5082	N/A	Preventive Maint.	Disassemble, inspect and dry internals of CRD	6
3/28	03	22756 CRD S/N 3115	N/A	Preventive Maint.	Disassemble, inspect and dry internals of CRD	6
3/28	03	22759 CRD S/N 3030	N/A	Preventive Maint.	Disassemble, inspect and dry internals of CRD	6
3/28	03	22757 CRD S/N 5683	N/A	Preventive Maint.	Disassemble, inspect and dry internals of CRD	4

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
4/2	03	22862 CRD S/N 2964	N/A	Preventive Maint.	Disassemble, inspect and dry internals of CRD	3
4/2	03	22860 CRD S/N 4072	N/A	Preventive Maint.	Disassemble, inspect and dry internals of CRD	3
4/2	03	22760 CRD S/N 812	N/A	Preventive Maint.	Disassemble, inspect and dry internals of CRD	10
4/2	34	23440 NRV-111B	OPS	Leaking solenoid valve	Replaced solenoid valve	6

NEW YORK POWER AUTHORITY—JAMES A. FITZPATRICK NUCLEAR POWER PLANT

MAINTENANCE SUMMARY

I&C MARCH, 1984

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
3/7/84	02-3	020390 LITS	JIC	Old Age	Need to be Replaced	Replaced Lits 72B,C,D,57B&58B	7
3/1/84	02	024631 VMR-71G	OPS	Defective Switch	Not working properly	Replaced Switch	8
3/7/84	02	018766 TE-145A	OPS	Defective Thermo Couple	Point not tracking	Replaced Thermo Couple	22
3/26/84	02	023363 VMR-71	OPS	Out of Adjustment	A-High,G-Low,& H-Erratic	Adjusted	3
3/4/84	03	032239 HCU-18-47	OPS	Unknown	Gage out of Calibration	Ran IMP-3.5, Gage Test Alright	46
3/10/84	03	024638 Rod 26-47	OPS	Defective Switch	Hard to Select	Replaced Selector Switch	11
3/19/84	03	023299 Rod 26-47	OPS	Defective Buffer Card	Not Working Properly	Replaced Card	4
3/11/84	03	023264 CR-14-07	OPS	Defective Relay Card	Can't Select Above Rod	Replaced R-3A&B	6
3/10/84	07	032387 PR-46B	OPS	Grease on Gears and Bushings	Black Pen Drift &RD PN Sticky	Cleaned Gears and Bushings	20
3/16/84	07	024642 RBM-B	OPS	Defective PC Board	Only Reading 50%	Replaced PCB & MUX 1st Level	32
3/23/84	07	023316 IRM-B	OPS	Dirty Connector	Failed During Operation	Disassembled and Cleaned Con	4
3/7/84	07	032278 F-APRM	OPS	Old Age	Defective Pot	Replaced Pot	10

NEW YORK POWER AUTHORITY—JAMES A. FITZPATRICK NUCLEAR POWER PLANT

MAINTENANCE SUMMARY

I&C MARCH 1984

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
3/2/84	07	029113 IRM-A	JIC	Defective Power Supply	High Voltage Power Supply Drift	Replaced Power Supply	2
3/23/84	07	023263 IRM-C	OPS	Defective Cable & Connector	IRM Trips Up-Scale	Replaced Cable & Connector	4
3/3/84	10	027794 FI-132B	OPS	Out of Calibration	Calibration	Calibrated	10
3/21/84	10	023369 LS-104	OPS	Defective Sensor	Switch Indicates Dry Pipe	Rplcd Sensor & Adj. Gain	8
3/20/84	10	023425 PI-130B	OPS	Zero Out of Adj.	Appeared to be stuck	Readjusted the Zero	2
3/11/84	11	024663 MR-67B	OPS	Improper Wiring & Meter Relay	Relay did not open	Corrected Wiring Error	40
3/21/84	17	023361 RIS-452A	OPS	Shorted Pen in RR-455A	Failed Upscale	Repaired under Wr-17/023315	32
3/15/84	27	023355 02AZ-101AB	OPS	Out of adjustment	A&B Reads Different by 2%	Adjusted	9
2/24/84	27	031113 PR-100	JIC	Dirty and out of Calibration	Found Inoperative	Cleaned and Calibrated	12
3/22/84	29	023424 AOV-86D	OPS	Out of Adjustment	Switch will not reset	Adjusted Switch	30
3/10/84	93	023262 PS-9D	OPS	Loose Air Input Fitting	Air Leak	Tightened Loose Fitting	1
3/5/84	93	026430 PI & PS	JIC	Test Equip. out of Calibration	PI-1B, 2B, 4B, 5B, 6B & 9B & 10B	Recalibrated PI's & PS's	15

NEW YORK POWER AUTHORITY—JAMES A. FITZPATRICK NUCLEAR POWER PLANT

MAINTENANCE SUMMARY

I & C March 1984

[illegible]

James A. FitzPatrick
Nuclear Power Plant
P.O. Box 41
Lycoming, New York 13093
315 342.3840



April 9, 1984
JAFF-84-0384

Director, Office of Inspection
and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Document Control Desk

Reference: Docket No. 50-333

Dear Sir:

The Operating Status Report for the Month of March 1984, is enclosed. The refueling information remains the same as previously submitted.

If there are any questions concerning this report contact John Cook at (315) 342-3840, Ext. 439.

Very truly yours,

by dir. R. McNeill
Corbin A. McNeill, Jr.

CAM:JPC:jls
Enclosures

CC: Internal Distribution

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1/1