

# OPERATING DATA REPORT

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

## OPERATING STATUS

1. Unit Name: FITZPATRICK
2. Reporting Period: 840201-840229
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	696	1440	75337
12. Number Of Hours Reactor Was Critical	696	1440	53968.8
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	696	1440	52639.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1627008	3434472	111171058
17. Gross Electrical Energy Generated (MWH)	546230	1155820	38375010
18. Net Electrical Energy Generated (MWH)	528615	1118290	36616930
19. Unit Service Factor	100%	100%	69.9%
20. Unit Availability Factor	100%	100%	69.9%
21. Unit Capacity Factor (Using MDC Net)	93.8%	95.9%	63.6%
22. Unit Capacity Factor (Using DER Net)	92.5%	94.6%	59.2%
23. Unit Forced Outage Rate	0%	0%	14.2%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
MAINTENANCE OUTAGE COMMENCING MARCH 3, 1984 LASTING 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

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

8403130350 840229  
 PDR ADOCK 05000333  
 R PDR

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333  
UNIT FITZPATRICK  
DATE MARCH 1984  
COMPLETED BY J. COOK  
TELEPHONE (315)342-3840

MONTH FEBRUARY 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>794</u>
2	<u>794</u>
3	<u>785</u>
4	<u>784</u>
5	<u>792</u>
6	<u>789</u>
7	<u>790</u>
8	<u>795</u>
9	<u>792</u>
10	<u>793</u>
11	<u>606</u>
12	<u>708</u>
13	<u>783</u>
14	<u>787</u>
15	<u>789</u>
16	<u>790</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>776</u>
18	<u>763</u>
19	<u>502</u>
20	<u>538</u>
21	<u>742</u>
22	<u>789</u>
23	<u>789</u>
24	<u>791</u>
25	<u>794</u>
26	<u>793</u>
27	<u>792</u>
28	<u>792</u>
29	<u>794</u>
30	<u>---</u>
31	<u>---</u>

SUMMARY: The Fitzpatrick plant operated at Near Full Thermal power for this reporting period with one power reduction for control rod sequence exchange and one for rod pattern adjustment.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY

DOCKET NO. 50-333  
 UNIT NAME FITZPATRICK  
 DATE MARCH 1984  
 COMPLETED BY J. COOK  
 TELEPHONE (315) 342-3840

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
1	840210	S	0	4	N/A	N/A	N/A	N/A	Reduced power for rod sequence Exchange
2	840218	S	0	4	N/A	N/A	N/A	N/A	Reduce power for control rod pattern adjustment.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

<sup>5</sup>  
 Exhibit I - Same Source

NEW YORK POWER AUTHORITY  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

FEBRUARY, 1984

The unit operated at near full thermal power for this reporting period. On 840210 power was reduced for rod sequence exchange and on 840217 power was reduced for rod pattern adjustment.

At the end of the reporting period the Fitzpatrick plant is operating at approximately 794 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	46	32363 P-2B	S.I.	Breaker overcurrent trips out of calib.	Reset trips in spare breaker Installed spare	50 1/2
2/4	10	32362 P-1C	ISI	Improper impeller collet installation.	Disassembled, inspected, reassembled.	92
2/3	14	31184 P-1A	ISI	Loose mounting bolts	Re-torqued	1
2/8	23	24428 I-3	OPS	Worn and eroded parts	Rebuilt trip	10
2/7	23	19465 SOV-40	Visual	Improperly supported cable	Installed support	4

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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
2/9	23	11158 MOV-60	N/A	N/A	Investigated motor winding connections	24
2/7	23	14354 MOV-57 & MOV-58	OPS	Improperly adjusted limit switches	Adjusted limit switches	15
2/10	23	20596 TU-2	N/A	Modification	Replaced overspeed trip mechanism	188
2/3	27	32268 P-11B	OPS	Cracked diaphragm	Replaced diaphragm & O rings	14
2/15	27	31066 Drywell Atmosph Monitor	OPS	Broken heat trace	Replaced heat trace	11
2/11	03	32395 HCU 18- 47	OPS	Leaking 111 Valve	Replaced valve	4

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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
2/11	03	32311 HCU 30- 11	OPS	Leaking 111 Valve	Replaced valve	4
1/31	10	11159 MOV-39B	MOD. M1-84-01	Improper valve operator	Replaced operator	130
2/9	23	321331 MOV-14	OPS	Worn packing	Re-packed	50
2/20	14	228141 P-1A Breaker	OPS	Charging motor drive pawl out of adjust.	Readjusted pawl	6
2/20	14	31184 P-1A	P&V ISI	Suspected pump pro- blem due to ISI vi- bration readings	Disassembled, inspected, replaced rotating components of pump	411
2/8	23	29282 HPI-28C	Visual	Worn packing	Re-packed	10
2/22	27	24538 SOV122F1 SOV122F2	OPS	Misadjusted limit switches	Readjusted limit switches	26
2/21	27	24572 SOV-125B	OPS	Burned out coil	Replaced coil	8

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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
2/23	27	32284 P-11B	OPS	Leaking O Rings	Replaced O Rings	36
2/24	71	32298 A Batt. Ground Detector	OPS	Bad solder joint	Re-soldered	6
2/24	23	32394 AOV-39	Visual	Seal Tite pulled out of junction box	Reconnected	3
2/25	27	24633 P-11B	OPS	Overfilled with oil	Replaced on relief valve & check valve - cleaned oil filter	12
2/27	76	22769 FPS-44	QA Review	Valve installed in wrong orientation	Reoriented valve	10
2/28	76	22764 FPS-53	QA Review	Valve installed in wrong orientation	Reoriented valve	10

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

## MAINTENANCE SUMMARY

FEBRUARY, I & C

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
1/25/84	02	032098 DPI-78G,R	OPS	Needed Calibration	%D/P's 10% Diff. from average	Calibrated and Adjusted	20
2/16/84	02-3	024391 GE/MAC SQX	JIC	Spare Unit	Needed Calibration Troubleshoot	Replaced CR4,R54; Calib.	40
1/31/84	02-3	032199 LIS-72	JIC	Age-Use	Right Hand Test Valve Stripped	Rplcd Test Valve, Perf. ISP-3.2	0.5
1/31/84	06	031126 LI-94A	JIC	Wear, Age, Out of Proc. Tolerance	Level Indicator is Faulty	Rplcd 6-LI-94, Perf. ISP 3-4	10
2/27/84	07	024502 LPRM-44,45	OPS	Faulty Amp Card	LPRM was drifting	Rplce LPRM Amp Card with new	4
2/27/84	07	029046 RBM-A	JIC	Age	Broken Light	Removed and rplcd light bulb	0.5
1/23/84	07	032244 TIP A,B,CD	OPS	Wear, age of the bulbs	Burned out indicator bulbs	Checked and rplcd bad bulbs	20
2/27/84	10	024515 LS-105B	OPS	Wear, Faulty Components	Constant alarm when full water	Rplcd Control Board Per. G30	12
2/24/84	16	024574 ELEC. PEN	OPS	Leaks	Lo Press readings on guages	Record, recharge, snoop, record	8
1/30/84	17	031102 RIS-432B	JIC	Failed 3600cpm test circuit	Test Circuit reading high	Adjusted, calib Perf. ISP-25	10
2/7/84	17	032281 RR-433	OPS	Needed Calib, Wear	Found out of tolerance	Cal, Clean, Adj IAW IMP-6-14	5
2/7/84	20	032252 SMP Timer	OPS	Age & wear of timer Contacts	Timer does not turn on	Found Pitted Contax Replaced SW	16

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

## MAINTENANCE SUMMARY

FEBRUARY, 1984 I & C

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
2/24/84	27	026494 02AZ 101B	JIC	Wear, Faulty Magnetic Unit	Can't adjust span analyzer	Install new Mag Unit, Calibrate	20
2/25/84	27	031133 HAZ -101A	JIC	Instrument Drift	Zero would not adjust	Calib. and adjstd Perf ISP-30	12
2/23/84	66	029365 DPIS 100	OPS	Requested Calib. and Labeling	Zero and Span off Needed Label	Labeled Instr, Reset Zero, Span	13
2/17/84	76	024506 TH-149	OPS	Faulty Timer N HPCI	Did not Actuate in Spec	Adjusted Relay	8
2/22/84	76	024579 PS&PI-102	OPS	Drift	PS Does not Start Pump	Changed SW set pt Cal. Guage	17
2/8/84	76	032358 FPP Zone 2S	OPS	Faulty Relays	Improper Heat Det. Lite Operat.	Rplcd RA & RB Rlys for A1138	16
2/2/84	93	032361 AM-11B	OPS	Meter Worn from Age	Ammeter Reads Upscale 200 AMPS	Replaced Meter	8

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



March 8, 1984  
JAFF-0272

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 February, 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,

A handwritten signature in dark ink, appearing to read 'Corbin A. McNeill, Jr.', with a stylized flourish at the end.

Corbin A. McNeill, Jr.

CAM:JPC:jls  
Enclosures

CC: Internal Distribution

IE 24  
1/1