

# OPERATING DATA REPORT

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

## OPERATING STATUS

1. Unit Name: Fitzpatrick  
 2. Reporting Period: 840101-840131  
 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	<u>744</u>	<u>744</u>	<u>74641</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>744</u>	<u>53272.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>744</u>	<u>744</u>	<u>51943.6</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1807464</u>	<u>1807464</u>	<u>109544050</u>
17. Gross Electrical Energy Generated (MWH)	<u>609590</u>	<u>609590</u>	<u>37828780</u>
18. Net Electrical Energy Generated (MWH)	<u>589675</u>	<u>589675</u>	<u>36088315</u>
19. Unit Service Factor	<u>100%</u>	<u>100%</u>	<u>69.6%</u>
20. Unit Availability Factor	<u>100%</u>	<u>100%</u>	<u>69.6%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.8%</u>	<u>97.8%</u>	<u>63.3%</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.5%</u>	<u>96.5%</u>	<u>58.9%</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>14.4%</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Maintenance outage to commence around March 2, 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

1224 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

# AVERAGE DAILY UNIT POWER LEVEL

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

MONTH January, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>795</u>
2	<u>795</u>
3	<u>796</u>
4	<u>794</u>
5	<u>793</u>
6	<u>788</u>
7	<u>790</u>
8	<u>793</u>
9	<u>797</u>
10	<u>793</u>
11	<u>794</u>
12	<u>795</u>
13	<u>787</u>
14	<u>790</u>
15	<u>792</u>
16	<u>792</u>

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

SUMMARY: The Fitzpatrick plant operated at Near Full Thermal power for this entire reporting period.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1984

DOCKET NO. 50-333  
UNIT NAME FITZPATRICK  
DATE FEBRUARY 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
NONE									

<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

JANUARY, 1984

The unit operated at near full thermal power for this entire reporting period.

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
1/9	71	20598 SB-1 & 2	N/A	None	Filled and charged spare battery cells	242
1/17	27	31195 DWA-PA P-2	OPS	Pump seized	Replaced pump & motor	9
1/20	10	20593 10-9B-S -287	Visual	Hydraulic Leak	Replaced snubber	4
1/23	10	22804 PI-C	OPS	Worn impeller collet	Replaced impeller, collets, pump shaft and line bearing	156
1/25	12	32261 MOV-15	OPS	Packing leak	Electrically backseated	2
1/26	93	31006 EOG-A	OPS	Normal operation	Added lube oil	2
1/27	46	27675 MOV-102A	OPS	Wear	Replaced key	2

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
1/16	10	31142 MOV 57 & MOV 67	Visual	Leaking gasket	Replaced gasket, performed preventive maintenance	34
1/16	76	31179 CO2 PNL- 4	Visual	Burned out lamp	Replaced lamp	4
1/13	93	32210 ECP-B	OPS	Misadjustment	Adjusted	2
1/12	23	32206 Steam Line Drain	Visual	Eroded Pipe	Replaced pipe	48
1/12	08	32089 Refuel Rigging	INPO	None	Bent cotter pins	2



## SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
1/25	10	32323 MOV-20	N/A	N/A	Performed F-ST-2T	3
1/30	08	32314 Refuel Bridge	Visual inspection	Grapple Mast Binding; during out.	Repaired mast, replaced wire rope	8
1/30	88	23913 CR-2	Visual inspection	Improper installation	Placed cable in connector	4

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

## MAINTENANCE SUMMARY

I & C JANUARY, 1984

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
11/28/83	00	026448 Various	JIC	Various electronic Comp. Faulty	Spare Amplifiers needed repair	Troubleshoot, repair- ed, and tested	49
1/12/84	02-02	030964 LI-86	OPS	Transmitter worn, Failing	Gemac-Intermittant Downscale	Replaced Xmitter Tested Operable	36
1/3/84	02-03	031101 LIS-72C	OPS	Wear on Switch	Switch failed to operate	Replcd SW 2, performed ISP-3-2	8
12/27/83	03	031163 RMCS	OPS	K-11 Relay had bad contact	Unable to CLR Cntrl Rd withdrw	REPLCD K-11 on PS32 In 9-14	8
12/21/83	07	028527 APRM	OPS	Wear, Age needed adjustment	Unable to get 0% Flow, ISP-20	Rplcd frnt pnl mtr A, ADJ A, C, F	6
1/26/84	07	032325 LPRM 0421B	OPS	Dirty Switch	Failed Downscale	Cleaned Switch Solder Connctns	2.5
1/21/84	16-1	029108 DPIT-101	JIC	Did not Test PT. M100	Needed troubleshoot and repair	Reprd DRV Chain to encodr SRVO	30
1/29/84	17	031114 RIS-431	JIC	Faulty Ratemeter card	Unable to obtain Sat. meter RDG	REPLCD Ratemtr card Re-aligned	45
12/26/83	17	031162 RM-251B	OPS	Wear, Age, out of Adjustment	Erratic Alarm Signal	Adj. dwncsle trim pot, ISP-64-1	8
12/29/83	17	031167 RIS-432E	OPS	Out of Adjustment	Exh. Rad. Mon. Trip Setpnt Out of Spec	Adj. Hi TRP, Corrcd 3600cpm CKT	6
1/23/84	17	032318 RM-050A	OPS	Out of Adjustment	Mtr & Recrdrr RR051 Failed ST	ADJ Generator, CALB Meter	25
11/7/83	23	025302 FI-108	OPS	Wear, Process Lines had leak	HPCI Flo indicator malfunction	Repaired, Calibrated	52



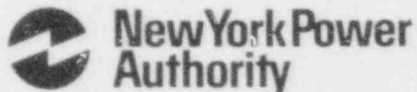
# NEW YORK POWER AUTHORITY—JAMES A. FITZPATRICK NUCLEAR POWER PLANT

## MAINTENANCE SUMMARY

I & C JANUARY, 1984

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
1/20/84	27	028460 RM-102A	OPS	Age, Wear of Parts	Chart Rcrding Mechnsm Statnry	Rplcd Ampl Cleaned Adj. and Calb.	320
1/6/84	27	029090 02 AZ 101A	JIC	Drift after Replcmt of Bulb	Diff. in readng of A&B Analysis	Adj. Zero Perf ISP-31	4
1/10/84	27	030976 PCV-122	OPS	Use, out of Alignmnt	Valve does not operate right	Controller aligned valve seated	30
1/3/84	27	031151 DWA_PA	OPS	Lamp Burned out	Drywll AnlZR reads Dwnscale Lo	Rplcd Exciter Lamp Calib/ISP-31	20
1/12/84	68	029348 TR-102, 103	OPS	Wear, failed parts	Temp recrdrs not working proprly	Replcd Rctfr, Temp Brd, Adj.	52
1/17/84	70	026842 RWC-2A	OPS	Wear, Age	Oil Press, Guage needle Broken	Replcd, Cal & Instal new guage	6
10/14/83	71	026435 RPS RELAYS	JIC	Prep for Change in Jan. Outage	N/A	Tested, Adjusted and Returned	140

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



February 7, 1984  
JAFP-84-0149

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 January, 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 cursive script, appearing to read 'Corbin A. McNeill, Jr.'.

Corbin A. McNeill, Jr.

CAM:JPC:jls  
Enclosures

CC: Internal Distribution

IE24  
1/1