

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: Fitzpatrick
2. Reporting Period: 831201 - 831231
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>8760</u>	<u>73897</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>6273.1</u>	<u>52528.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>744</u>	<u>6184.4</u>	<u>51199.6</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1779576</u>	<u>14212728</u>	<u>107736586</u>
17. Gross Electrical Energy Generated (MWH)	<u>599970</u>	<u>4784410</u>	<u>37219190</u>
18. Net Electrical Energy Generated (MWH)	<u>580390</u>	<u>4634255</u>	<u>35498640</u>
19. Unit Service Factor	<u>100%</u>	<u>70.6%</u>	<u>69.3%</u>
20. Unit Availability Factor	<u>100%</u>	<u>70.6%</u>	<u>69.3%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>96.3%</u>	<u>65.3%</u>	<u>62.9%</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.0%</u>	<u>64.4%</u>	<u>58.5%</u>
23. Unit Forced Outage Rate	<u>0%</u>	<u>5.1%</u>	<u>14.6%</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	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH December 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>795</u>
2	<u>775</u>
3	<u>782</u>
4	<u>790</u>
5	<u>792</u>
6	<u>792</u>
7	<u>794</u>
8	<u>790</u>
9	<u>791</u>
10	<u>793</u>
11	<u>794</u>
12	<u>793</u>
13	<u>793</u>
14	<u>791</u>
15	<u>789</u>
16	<u>790</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>607</u>
18	<u>644</u>
19	<u>768</u>
20	<u>788</u>
21	<u>786</u>
22	<u>792</u>
23	<u>791</u>
24	<u>795</u>
25	<u>797</u>
26	<u>797</u>
27	<u>796</u>
28	<u>796</u>
29	<u>796</u>
30	<u>793</u>
31	<u>794</u>

SUMMARY: The Fitzpatrick Plant operated at near Full Thermal Power during this reporting period with one power reduction for rod sequence exchange.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER 1983

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

No.	Date	Type ¹	Duration (Hours)	Reason	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
9	831217	S	0	H	4	N/A	N/A	N/A	Reduce power for Rod sequence exchange.

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

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

DECEMBER, 1983

The unit operated at near full thermal power for this reporting period. On 831217 power was reduced for rod sequence exchange.

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
12/9	46	32168 ESW 2A,B & 3A & B	N/A	No Malfunction	Installed locking rings per INPO	4
12/9	46	29036 ESW 4A,B C, D & 5A, B, C & D	N/A	No Malfunction	Installed locking pins per INPO	8
12/21	24	29435 Air Lock Door	OPS	Burned out solenoid	Replaced solenoid	2
12/15	76	32079 P-3	Visual	Worn packing	Repacked	6
12/21	71	16383 spare breaker	Preventive Mainten.	Missing aux. switch operating arm	Replaced arm	1
12/18	76	32076 P-3	Visual	Leaking Fittings	Replaced fittings	6

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
12/22	27	30972 PCV 122B	OPS	Blown packing	Repacked	24
1/4	27	27045 A CADTH	Visual	None	Installed dust cans on insulating vacuum valves	4
12/31	71	22826 A LPCI Battery	S.T.	Low I.C.U. on cells 118 & 171	Charged cells 118 & 171	20
12/29	70	27725 FN-13A	OPS	Blown control power fuse	Replaced fuse. Trouble shot.	26
1/4	66	21406 AOD-105	OPS	Loose duct	Reinforced duct	6

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

MAINTENANCE SUMMARY

I & C DECEMBER, 1983

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
12/14/83	02	032124 LR-98	OPS	Drift	Erratic Recrdr, 09-3 PNL, C. RM.	Adj zero & span, Perf. F-ISP-77	2
11/29/83	02-3	026415 LI-86	JIC	Scale not easy to read	Change Scale	Changed Scale	6
12/02/83	02-3	029420 TR-89	OPS	Drive Gears "Frozen"	Dirty Gears	Cleaned Gears, Print Wheel	40
12/21/83	03	015131 AOV-32-37	OPS	Per NYO Directive	03AOV035 Failing to OPN 30sec	Perf. pre-op 03D, ADJ stroke TME	24
12/09/83	07	027299 PR-46A	OPS	Age, Use, Normal Wear	Recorder Sticks	Cleaned	4
12/15/83	07	029043 SRM 'A'	I & C	Dirty Switch Static Charges	SGNL for 10CPS Reads only 6	CLND, Sprayed BTM cover, SW. S-1	2
12/15/83	07	029229 SRM 'B'	I & C	Static Charges, Dirty Switch	SGNL for 10CPS Reads only 7	CLND, Sprayed BTM Plate, SW. S-1	4
12/10/83	07	029290 TIP-1	OPS	Friction in System	Drive machine runs slow	Adjusted Speed	10
12/20/83	07	032110 TIP-X-Y	OPS	Dirty, Use	Didn't properly trace	CLND SW S2, tightnd I/O cables	16
10/24/83	10	028500 E/P-126	OPS	Use, Returned out of calibration	Plotter out of calibration	CHKD Cal on E/P126	4
11/30/83	10	032118 LS-100	OPS	Improper Sensitivity	A CNTMNT spray IND wet drained	Adjusted Sensitivity	4

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

MAINTENANCE SUMMARY

I & C DECEMBER, 1983

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
12/14/83	17	029212 RIS-4588	OPS	Water in detector chamber	Vent monitor fail- ed downscale	RPLCD B Detector	7
12/3/83	27	026432 PT-114	OPS	Use	Test equip. found out of calib.	Checked Calib.	4
10/17/83	27	027666 MAZ-101A/B	OPS	Use, out of Alignment	Uncalib, Erratic response	Trouble shot, Re- paired, calibrtd	56
8/25/83	46	025570 FIS-102D	OPS	Dirty, needed adjustment	out of procedural tolerance	Trobleshot, repaired adjusted	19
12/3/83	66	032146 TICS-107C	OPS	Failed output relay	IMPRPLY functioning due to relay	REPLCD with Pneumatic relay	8
12/8/83	76	032164 SD 139/140	OPS	Failed Dig XMTR extender	Did not light yellow alarm	Replaced XMTR extender	20
12/2/83	93	028347 EDG A-D	OPS	Use, Normal wear	Low raw water flow alarm Malfunction	Performed ISP-23-1	10

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



January 9, 1984
JAFP-0035

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 December, 1983 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. Cannon

Corbin A. McNeill, Jr.

CAM:JPC:jls
Enclosures

CC: Internal Distribution

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