

OPERATING DATA REPORT

DOCKET NO. 50-333

DATE NOV 1984

COMPLETED BY J. COOK

TELEPHONE (315) 342-3840

OPERATING STATUS

- | | | |
|--|---|---|
| 1. Unit Name: <u>FitzPatrick</u> | : | : |
| 2. Reporting Period: <u>841101 - 841130</u> | : | : |
| 3. Licensed Thermal Power (Mwt): <u>2436</u> | : | : |
| 4. Nameplate Rating (Gross MWe): <u>883</u> | : | : |
| 5. Design Electrical Rating (Net MWe): <u>821</u> | : | : |
| 6. Maximum Dependable Capacity(Gross MWe): <u>830</u> | : | : |
| 7. Maximum Dependable Capacity(Net MWe): <u>810</u> | : | : |
| 8. If Changes Occur in Capacity Ratings (Items 3 Through 7) Since Last Report, Give Reasons: | | |
| <u>NONE</u> | | |
-
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>720</u>	<u>8040</u>	<u>81937</u>
12. Number Of Hours Reactor Was Critical	<u>672.8</u>	<u>6436.2</u>	<u>58965</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>554</u>	<u>6132.8</u>	<u>57332.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1042896</u>	<u>13868424</u>	<u>121605010</u>
17. Gross Electrical Energy Generated (MWH)	<u>340430</u>	<u>4609760</u>	<u>41828950</u>
18. Net Electrical Energy Generated (MWH)	<u>328775</u>	<u>4461950</u>	<u>39960590</u>
19. Unit Service Factor	<u>76.9%</u>	<u>76.3%</u>	<u>70.0%</u>
20. Unit Availability Factor	<u>76.9%</u>	<u>76.3%</u>	<u>70.0%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>56.4%</u>	<u>68.5%</u>	<u>63.5%</u>
22. Unit Capacity Factor (Using DER Net)	<u>55.6%</u>	<u>67.6%</u>	<u>59.4%</u>
23. Unit Forced Outage Rate	<u>8.2%</u>	<u>5.0%</u>	<u>13.6%</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling outage scheduled for February 16, 1985 to last approximately 60 days.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: December 4, 1984

26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
	_____	_____
	_____	_____

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

8412210081 841130
PDR ADOCK 05000333
R PDR

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH November, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0
2	0
3	0
4	20
5	0
6	33
7	232
8	294
9	377
10	527
11	526
12	477
13	519
14	673
15	763
16	756

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	733
18	754
19	790
20	800
21	794
22	794
23	792
24	572
25	576
26	533
27	535
28	538
29	293
30	0
31	-----

SUMMARY: While Commencing a Unit Startup on 841104 the plant tripped on Low Reactor water level. The plant was returned to service on 841106. On 841124 reduced power because of Main Condenser tube leaks. On 841129 the unit was taken off line for maintenance.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH November 1984

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
12	841101	S	86	B	1	N/A	N/A	N/A	840915 Shutdown for maintenance and IHSI (Cumulative hrs. 1207)
13	841104	F	49.3	A	3	84-023	SD	FC	Unit trip on low Reactor water level caused by loss of Feed water. Feed Pump trip on low suction caused by failed Condensate Bypass Flow Controller, which was replaced and the unit returned to service.
14	841124	S	0	H	.4	N/A	SD	COND	Reduced power to repair Main Condenser tube leak.
15	841129	S	30.9	B	1	N/A	N/A	N/A	Shutdown for maintenance on Feedwater heaters.

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)

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 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

NOVEMBER 1984

Start up of the FitzPatrick plant was commenced on 841104 following a routine maintenance shutdown. Shortly after placing the generator on line the unit tripped on low Reactor water level. The low level was the result of a Feedpump trip on low suction pressure which may have been caused by a failed condensate bypass flow controller. Repairs were completed and the plant returned to service on 841106. On 841124 power was reduced to repair a Main Condenser tube leak.

The FitzPatrick plant was shutdown on 841129 for feedwater heater maintenance and remains so at the end of this reporting period.

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

MAINTENANCE SUMMARY

NOVEMBER, 1984

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
841105	02	034247 PT 250A,B	OPS	N/A	RSCS RESTRAINTS CLEARED AT 18%	PERFORMED ISP-2 NO ADJ. NEEDED	6
841114	02	028651 06-AU-125	OPS	LOOSE CONNECTOR IN ALARM UNIT	CHECK CAUSE OF RECIRC RUNBACKS	REPLACED ALARM UNIT	8
841107	02-3	029190 LIS-101D	OPS	BAD BARTON	DIP UNIT ON LEVEL SW LEAKS	REPLACED BARTON WITH NEW ONE	17.5
841105	07	023100 SPARE CARD	I & C	N/A	REPAIR AND RETURN CARD TO STOCK	CHECKED FOR PROPER OPERABILITY	7
841105	07	023101 SPARE CARD	I & C		REPAIR AND RETURN TO STOCK	TESTED ON BENCH, FOUND TO BE OK	4
841108	07	034256 TIP A	OPS	COMPUTER SENDING FALSE SIGNAL	FAILS TO GO OUT OF SCAN	CORRECTED FAULTY SIGNAL	2
841108	07	034271 A RBM	OPS	OUT OF ADJUSTMENT	TRIPS ON TOO FEW INPUTS	ADJUSTED R21 on ON Z29 & R18 on Z36	92
841109	07	034182 APRM F	OPS	DRIFT	IND. DOES NOT LITE WHEN DOWNSCALE	ADJUSTED Z34 R17 PER ISP-20	1
841109	07	034956 APRM F	OPS	Z-34 OUT OF ADJUSTMENT	MONITOR INOP WITH TOO FEW INPUTS	ADJUSTED Z-34	2
841110	07	034272 NM-131 2C	I & C	DRIFT	ADJUST AMP ZERO FOR 0 TO COMP	FOUND BAD PROGRAMMER CARD	60
841128	07	028702 R-131-1	REACTOR ANALYST	TIP TUBE REPLACEMENTS	TIP RECORDER ZEROS OFF	RE-ALIGNED RECORDER ZEROS	12
841116	10	028668 PI-131B	OPS	N/A	CHECK CALIBRATION	CALIBRATED AS REQUESTED	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
10/12	02	37157 P-1A	VISUAL	BLOWN GASKET	WELDED DIAPHRAGM IN PLACE OF GASKET	24
10/11	12	23933 MOV-15	OPS	MISADJUSTED DECLUTCH	READJUSTED DECLUTCH MECH- ANISM	12
10/27	71	34203 B LPCI Invert.	OPS	VOLTAGE MIS-MATCH	REPLACED INVERTER LEG	7
10/11	02	33503 MOV-54B	VISUAL	WORN PACKING	ADJUSTED PACKING GLANDS	1
9/19	03	28239 CRD 18- 35	OPS	FAULTY POSITION INDICATION PROBE	REPLACED POSITION INDICATION PROBE	4

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
10/9	12	33501 MOV-15	VISUAL	WORN PACKING	ADJUSTED PACKING GLAND	1
10/26	13	22578 MOV-15	VISUAL	WORN PACKING	REPACKED	6
10/24	13	29250 MOV-16	VISUAL	WORN PACKING	REPACKED	19
10/10	23	29376 MOV-16	VISUAL	WORN PACKING	REPACKED	4
10/9	23	33502 MOV-15	VISUAL	WORN PACKING	REPACKED	22
11/8	03	34192 HCU 50- 27	OPS	WORN PACKING ON "IN" VALVE	REPLACED WITH REBUILT VALVE	1
11/9	71	37318 INV A	OPS	BLOWN FUSE	REPLACED FUSE	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
11/20	10	28650 MOV-39A	VISUAL	WORN PACKING	ADJUSTED PACKING	1
10/18	23	33640 MOV-60	GPS	PACKING LEAK & VALVE TORQUES OUT	REPLACED VALVE AND OPERATOR	57
11/20	70	37398 RWC 2A	VISUAL	LEAKING EXPANSION JOINT	REPLACED EXPANSION JOINT	4
11/27	70	31487 AHU 12B	OPS	LOOSE DRIVE BELTS	ADJUSTED - ALIGNED SHEAVES	18

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

Harold A. Glovier
Resident Manager



**New York Power
Authority**

December 7, 1984
JAFF 84-1115

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:

Enclosed please find the J. A. FitzPatrick Operating Status Report for the month of November, 1984. Refueling information remains the same as previously submitted.

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

A handwritten signature in cursive script, appearing to read 'H. A. Glovier'.

HAROLD A. GLOVIER

^{HR}
HAG:JPC:mac

cc: Internal Distribution

Enclosures

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