

OPERATING DATA REPORT

DOCKET NO. 50-333

DATE JAN. 1985

COMPLETED BY J. Cook

TELEPHONE (315) 342-3840

OPERATING STATUS

- | | | |
|--|---|-------|
| 1. Unit Name: James A. FitzPatrick | : | : |
| 2. Reporting Period: <u>841201 - 841231</u> | : | Notes |
| 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: | | |
| 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	744	8784	82681
12. Number Of Hours Reactor Was Critical	651	7087.2	59616
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	614.9	6747.7	57947.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1330944	15199368	122935954
17. Gross Electrical Energy Generated (MWH)	451330	5061090	42280280
18. Net Electrical Energy Generated (MWH)	437415	4899375	40398015
19. Unit Service Factor	82.6%	76.8%	70.1%
20. Unit Availability Factor	82.6%	76.8%	70.1%
21. Unit Capacity Factor (Using MDC Net)	72.6%	68.9%	63.6%
22. Unit Capacity Factor (Using DER Net)	71.6%	67.9%	59.5%
23. Unit Forced Outage Rate	0%	4.6%	13.5%

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: _____

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

	Forecast	Achieved
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INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

_____	_____
_____	_____
_____	_____

JE 24
 1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333

UNIT FitzPatrick

DATE Jan. 1985

COMPLETED BY J. Cook

TELEPHONE (315)342-3840

MONTH December 1984

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>19</u>
5	<u>361</u>
6	<u>650</u>
7	<u>749</u>
8	<u>679</u>
9	<u>778</u>
10	<u>804</u>
11	<u>804</u>
12	<u>803</u>
13	<u>800</u>
14	<u>689</u>
15	<u>11</u>
16	<u>106</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>570</u>
18	<u>675</u>
19	<u>584</u>
20	<u>725</u>
21	<u>803</u>
22	<u>678</u>
23	<u>671</u>
24	<u>799</u>
25	<u>805</u>
26	<u>803</u>
27	<u>799</u>
28	<u>775</u>
29	<u>695</u>
30	<u>786</u>
31	<u>803</u>

SUMMARY: The FitzPatrick plant started up on 841204 and operated at near full thermal power for this reporting period with one unit shutdown on 841215 to repair a Core Spray valve.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH December 84

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
15	841129	S	92.6	B	1	N/A	SD	HX	Shutdown for Feedwater heater maintenance (cumulative hrs 123.5)
16	841215	S	36.5	B	N/A	N/A	BM	ISV	Shutdown to repair Core Spray minimum flow valve. Reinstalled valve seat and returned to service.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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

DECEMBER 1984

Start up of the FitzPatrick plant was commenced on 841204 following a maintenance outage for repairs to the Feedwater Heaters. The unit operated at near full thermal power until 841215 when the plant shutdown to repair a loose seat on a Core Spray minimum flow valve. Repairs were completed and the plant returned to full power operations.

At the end of the reporting period the FitzPatrick plant is operating at approximately 803 Mw_e.

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

MAINTENANCE SUMMARY

DECEMBER, 1984

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
841205	02	027905 FT-110-G	OPS	ZERO DRIFT (LOW) DUE TO TIME	FLOW TRANSMITTER READING LOW	CAL'D AS PER ISP-63-1	7.5
841205	02	027894 FT-110H	OPS	NEEDED ADJUSTMENT DUE TO TIME	FLOW TRANSMITTER VERY LOW OUTPUT	PERF. APPLICABLE SEC. OF ISP-63-1	8.0
841130	02-3	027846 TR-89	OPS	DEFECTIVE DRIVE GEAR	RX VESSEL TEMP RECORDER FAILED	REPLACED GEAR AND SHAFT ASSEMBLY	4.5
841202	02	023051 DPIS-119C	I&C	AGE	RIGHT HAND DRAIN VALVE LEAKS	REPLACED VALVE	2.0
841203	02-1	027864 RSCS	OPS	BAD U-9 GATE	RSCS DOES NOT PERFORM PROPERLY	REPLACED RELAY K56 & U-9 GATE	20.0
841213	02-3	017426 LIS-101D	I&C	WEAR OF "O" RINGS, GOUGES	BARTON 288A LEAKY HOUSING	SMOOTH GOUGE AND CLEANED "O" RINGS	16.0
841212	02-3	034280 TU-278C	OPS	UNABLE TO DETERMINE	TRIP LGHT LIT, WILL NOT RESET LOCALLY	PERF. ISP-5, WORKING PROPERLY	1.5
841219	02-3	034345 TU-278A&C	OPS	FAILED FILTER CAPACITOR	ALARM TRIP LED LIT	REPLACED 50000 uf CAP. ON FWR SPLY	8.0
841108	03	034180 10-11	OPS	LOOSE LIGHT BULB IN DISPLAY	DOES NOT IND. FULL OUT OUT RSCS	CORRECTED LIGHT BULB	1.0
841203	07	034262 NM-33A	OPS	DEFECTIVE CONNECTOR (WORN)	NO RESPONSE TO PWR LVL CHANGES	REPAIRED INPUT CONNECTR TO PREAMP	8.0
841202	07	028708 PR-46D	OPS	RECORDER OUT OF CALIBRATION	RECORD READER 5% LESS THAN MTR	CAL'D USING IMP 7.28	4.0
841129	07	028782 NM-82A	OPS	TRIP CKT OUT OF ADJUSTMENT	'A' RBM TRIPPING INOP CIRCUIT	ADJ R21 AND R18 AND TESTED	1.0

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

MAINTENANCE SUMMARY

DECEMBER, 1984

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
841217	07	027898 RBM-A	OPS	UNKNOWN-UNABLE TO DUPLICATE PROBLEM	GOES INOP WITH TOO FEW INPUTS	SATIS. OPER. AT STARTUP	2.0
841220	09	023021 F207	JIC	PROBLEM IN RELAY IN COMPUTER	COMP. PT. F207 IS OFF	CHANGE COMP. CARD- FOUND PROBLEM	24.0
841207	10	027867 LS-103	OPS	IMPROPER ADJUSTMNT DUE TO TIME	B CONT. SPRAY DOESN'T IND. WET	ADJUSTED GAIN AS NEEDED	2.0
841204	16	029678 DPR-200	OPS	INK DRYING UP DUE TO AGE	RECORDER PNL 9-4 NEEDS INK PAD	REPLACED INK PAD, PRINT BELTS	16.0
841206	17	028771 RR-459	OPS	WEAR, LOOSE WIRES	CONTROL RM RAD MON.RECRDR UPSCALE	REPLACED WIPER TIGHTEN WIRES,CAL	6.0
841204	17	034148 RE-431A	OPS	CHECK SOURCE DRIVE DEFECTIVE	CH. A CHECK SOURCE WON'T DRIVE IN	REPLACEMENT OF CHECK SOURCE	
841212	17	023042 RM-50A	I&C	AGE	FAULTY PREREGULATR VR-27	REPLACED CARD WITH NEW FROM STOCK	
841201	17	027848 RIS-458B	OPS	HI VOLTAGE POWER SUPPLY DEFECTIVE	RWB RAD MON AND RECRDR READ DNWSCL	REPLACED WITH NEW POWER SUPPLY	6.0
841217	17	017414 RIS-452A	JIC	TRANSISTOR WORN	OUT OF PROCEDURAL TOLERANCE	REPLACD TRANSISTOR 2N3638	22.0
840514	23	025136 HPI-202	OPS	FOR TESTING (USE JUMPER LOG)	TEMP INST TEST GAUGE 0-300 PSI	INSTALLED GUAGE AND TUBING	3.0
841212	27	029231 RM-103B	OPS	DETECTOR FAILURE	METER READS DNWSCL ON PANEL 4-2	SENT OUT FOR REPAIR (VICTOREEN)	2.0
841130	30	034917 RM-103A	OPS	DRIVE MOTOR LOCKED UP (AGE)	RECORDER CHART NOT ADVANCING	CLEANED, CAL'D, ADJ. ZEROS	30.0

JAMES A. FITZPATRICK NUCLEAR POWER PLANT - MONTHLY SUMMARY
REPORT

DECEMBER 1985

II. MAINTENANCE

A. Major Equipment Overhaul

None

B. Major Equipment In & Out of Service

1. "B" ESW pump was out of service for three (3) days due to breaker failure.
2. "B" LPCI battery was out of service for four (4) days during battery cell replacement and testing.
3. Plant was shutdown for one (1) day to repair seat on 14MOV-5B.

C. Major Equipment Problems

None

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
11/2	70	33583 RMC-2A	Compressor Tripped when operating	High refrigerant pressure trip	Repaired on WRED No.	0
12/18	14	34348 MOV-11A	Surveil- lance Testing	Breaker to 14MOV-11A tripped when valve was cycled.	Tested breaker SAT tested. Controller & motor - both SAT. Could not duplicate problem.	2
12/13	14	34284 MOV-5B	Surveil- lance Testing	Valve will not shut off flow. Discovered Seat ring detached from valve body.	Tested motor operator - SAT. Disassembled valve. Jack welded seat ring in place.	26
12/18	71	23792 N/A	N/A	Due to an accidental short circuit of battery cells. Affected cells require an equalizing charge.	Placed 30 affected cells on equalizing charge for 24 hrs for evaluation by Exide Co.	24
12/21	76	27925 Smoke Detector SD-247	Alarm	Smoke detector zone in Alarm with no smoke present. Smoke detector failed.	Replaced detector.	4

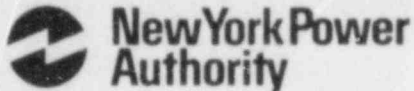
POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
12/10	76	27886 CO2-PNL-4	Visual	CO2 Normal Light broken in socket.	Replaced lamp, restored system.	5
12/26	46	34344 P-2B	Surveillance Testing F-ST-9B	"B" ESW Pump Breaker failed to auto-start when "B" & "D" diesels started.	Tested Motor - SAT. Adjusted trip devices to reflect actual motor starting current	115
12/22	46	34350 F-2B	Surveillance Testing	"B" ESW Pump Failed to auto start during F-ST-9D	Work completed on WR #34344	0
12/22		34373 13MOV-15 23MOV-15	Drywell Floor leakage	Packing leakage	Electrically backseated 13MOV-15 & 23MOV-15	2
12/22 11/29	46	20244 PFSK-24 14 Pipe Hanger	N/A	Inspection of pipe hanger attachments	Removed insulation from pipe to perform inspection and re-installed.	2
12/15	71	22836 BAT-3B	Visual Inspection	Deterioration of positive battery posts due to contamination with copper.	Replace "B" LPCI Battery string (186 cells)	
12/26	10	22811 P-1C	Surveillance	High Vibration	Inspected pump. Re-ran St. Retest Sat.	8

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

Harold A. Glovier
Resident Manager



January 10, 1985
JAFF 85-0024

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 December, 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.

by dir. R. Cannon

HAROLD A. GLOVIER

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Enclosures

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