

OPERATING DATA REPORT

DOCKET NO. 50-333

DATE JULY 1985

COMPLETED BY J. COOK

TELEPHONE (315) 342-3840

OPERATING STATUS

1. Unit Name: <u>FitzPatrick</u>	:	Notes	:
2. Reporting Period: <u>850601 - 850630</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:			
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	720	4343	87024
12. Number Of Hours Reactor Was Critical	572.7	1736.4	61352.4
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	508.6	1605.4	59552.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	935472	3495264	126431218
17. Gross Electrical Energy Generated (MWH)	305750	1179680	43359960
18. Net Electrical Energy Generated (MWH)	294605	1140260	41538265
19. Unit Service Factor	70.6%	37.0%	68.4%
20. Unit Availability Factor	70.6%	37.0%	68.4%
21. Unit Capacity Factor (Using MDC Net)	50.5%	32.4%	61.9%
22. Unit Capacity Factor (Using DER Net)	49.8%	32.0%	58.1%
23. Unit Forced Outage Rate	27.8%	10.9%	13.4%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
NONE

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

8507180058 850630
PDR ADCK 05000333
R PDR

1224
1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333

UNIT FitzPatrick

DATE JULY 1985

COMPLETED BY J. Cook

TELEPHONE (315) 342-3840

MONTH JUNE 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
	47
1	<u>153</u>
2	<u>153</u>
3	<u>123</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>59</u>
9	<u>142</u>
10	<u>0</u>
11	<u>193</u>
12	<u>458</u>
13	<u>563</u>
14	<u>594</u>
15	<u>699</u>
16	<u></u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
	777
17	<u>733</u>
18	<u>725</u>
19	<u>780</u>
20	<u>735</u>
21	<u>712</u>
22	<u>796</u>
23	<u>508</u>
24	<u>0</u>
25	<u>391</u>
26	<u>607</u>
27	<u>739</u>
28	<u>790</u>
29	<u>798</u>
30	<u>---</u>
31	<u></u>

SUMMARY: The FitzPatrick plant returned to service after refueling at the beginning of this reporting period. On 850604 the plant was shutdown for maintenance and returned to service on 850609. On 850610 the plant scrambled on high steam flow and returned to service on 850612. The unit operated at near full thermal power until 850624 when the reactor scrambled on high flux. The plant returned to service on 850626 and operated at near full thermal power through the end of the reporting period.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-333
 UNIT NAME FitzPatrick
 DATE July 1985
 COMPLETED BY J. Cook
 TELEPHONE (315)342-3840

REPORT MONTH JUNE 1985

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN REACTOR	LICENSEE EVENT REPORT #	SYSTEM CODE	COMPONENT CODE	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
3	850214	S	15.5	C	3	85-006	TB	N/A	SHUTDOWN FOR REFUELING (Cumulative hours 2541.7, 850601 began cycle 7)
4	850604	F	123.3	A	1		TB		SHUTDOWN TO INVESTIGATE GENERATOR EXCITER BEARING VIBRATION. Replaced bearing, realigned shaft and returned to service.
5	850610	F	38	G	3	85-017	JC		REACTOR SCRAM ON FALSE HIGH STEAM FLOW SIGNAL CAUSED BY IMPROPER VALVE POSITIONING. Corrected valve line up and returned to service.
6	850624	F	34.6	A	3		AD		CAUSE AND CORRECTIVE ACTION ARE STILL UNDER INVESTIGATION AT THE TIME OF THIS SUBMITTAL.

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

JUNE 1985

The FitzPatrick plant returned to service on June 1, 1985 after completing a refueling and maintenance outage and commenced cycle 7. On June 4th the plant was shutdown to investigate high vibration in the generator exciter bearing. Repair was completed and the unit returned to service on June 9th. On June 10th a Reactor Scram occurred due to a false high steam flow signal, the result of personnel error. A complete review of the incident was conducted and the plant returned to service on June 12th. On June 24th a Reactor Scram occurred due to personnel unlocking "B" recirculation pump scoop tube which in turn caused flow oscillations and a high neutron flux condition. A critique of the event is underway and the LER forthcoming. The unit returned to service on June 26th.

At the end of the reporting period the FitzPatrick plant is operating at approximately 798 Mw_e.

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

MAINTENANCE SUMMARY

JUNE 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850611	02	<u>038689</u> DPT-117A,B	OPS	TEST TO VERIFY OPERABILITY	PERFORM A FUNCTIONAL TEST	CALIBRATE DPT's AS PER ISP-202	6
850613	02	<u>032667</u> FE-88 B	OPS	ZERO SHIFT ON 06-FT-51B	STEAM LINE & FLOW LOOP ARE OFF	ADJUSTED ZERO	5
850606	02	<u>039454</u> TR-165	OPS	LOOSE WIRE ON TERMINAL BLOCK	RED PEN DRIVES UPSCALE	FIXED WIRE	12
850607	02	<u>023163</u> DS-41B	I&C	SUSPECT LOOSE RELAY IN SOCKET	STATUS LIGHT WOULD NOT COME ON	RE-INSERTED RELAY IN SOCKET	4
850625	02	<u>023169</u> 2F-K3B	I&C	FAULTY LEAD ORIENTATION	RELAY FAILED TO GIVE RCIC SIGNAL	ORIENT LEADS FOR RELAYS	6
850614	02-1	<u>039608</u> CRD-30-27	OPS	UNKNOWN TRANSFERRED TO MAINTENANCE	CONTROL ROD POSITION INDICATION	LOGIC FOR RSCS, SAT.	16
850611	02-3	<u>039515</u> TR-89	OPS	NORMAL WEAR	REACTOR VESSEL MARKING WHEEL IS OFF	REPLACED PRINT WHEEL	2
850612	02-1	<u>039511</u> RMCS	OPS	ROD 06-11 GIVING "NOT FULL OUT"	CAN NOT SELECT CONTROL ROD	BYPASSED ROD AT 09-27 PANEL	8

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

MAINTENANCE SUMMARY

JUNE 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850611	03	039549 CRD-14-07	OPS	BAD PROBE BUFFER CARD	FULL IN & OUT LIGHTS BOTH ON	REPLACE CARD AND PERFORM F-IMP-3.7	4
850611	07	039496 PR-46B	OPS	AGE	DOES NOT ADVANCE IN SLOW SPEED	REPAIR AND CALIBRATE MOTORS	6
850611	07	039514 APRM C	OPS	ADJUST DOWN FOR LPRM REPLACEMENT	WON'T TRIP UNTIL LESS THEN 11LPRM INPUTS RECEIVED	ADJUST COUNT CIRCUIT INOP TRIP	1
850612	07	039515 APRM F	OPS	ADJUST DOWN FOR LPRM REPLACEMENT	WON'T TRIP UNTIL LESS THAN 11LPRM INPUTS RECEIVED	ADJUST COUNT CIRCUIT INOP TRIP	1
850613	07	034702 FU-14C	OPS	ZERO SHIFT	FLOW UNIT READING IS TOO LOW	CALIBRATED 02-FT-110G	10
850604	07	039430 APRM D	OPS	DRIFT	DOWNSCALE TRIP NOT CORRECT	ADJUSTED DOWNSCALE TRIP	2
850604	07	039431 APRM F	OPS	DRIFT	DOWNSCALE TRIP CAME IN AT 7%	ADJUSTED PER ISP-20(5.1-5.9)	2
850611	07	039429 TIP-A,B,C,D	OPS	CABLES A,B,C HAD SHORTS	FLUX PROBING MONITOR BROKEN	REPLACED CABLES, FIXED PLOTTER	118

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

MAINTENANCE SUMMARY

JUNE 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850621	10	<u>034674</u> LS-104	OPS	SENSOR NOT SWITCHING STATES	DOES NOT INDICATE WET OR DRY	REPALCED SENSOR PERFORMED F-IMP-G30	16
850621	10	<u>034678</u> LS-103	OPS	INSTRUMENT DRIFT	DOES NOT INDICATE DRY	ADJUSTED GAIN	4
850609	13	<u>039478</u> TS-2	OPS	INDICATOR STUCK	ALARM WILL NOT CLEAR	MOVED INDICATOR	6
850610	13	<u>039487</u> TU-2	OPS	LOOSE SCREW	SPEED CONTROL NOT WORKING	REPLACED SCREW	12
850606	16	<u>039467</u> 16A-K56	OPS	16A-K7B CONTACT BENT	RELAY DROPS OUT WHEN IT SHOULD NOT	REPLACED RELAY	22
850621	17	<u>037066</u> RM-350	OPS	BAD DETECTOR CABLE	DOWNSCALE INOP CONDITION	REPAIRED CABLE	9
850605	23	<u>039415</u> 23A-J1	OPS	WIRE WAS DISCONNECTED	COULD NOT CLOSE CIRCUIT	ATTACHED WIRE TO TB BB-10B	2
850605	23	<u>039551</u> FIS-78	OPS	AIR IN LINES	INDICATED 760GPM WITH NO FLOW	PERFORMED IMP-23.3 AND PUMPED LINES	14
850605	23	<u>038758</u> LT-201C,A	I&C	UNKNOWN	OUT OF PROCEDURE TOLERANCE LOW	ADJUSTED CHANNELS	0

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

MAINTENANCE SUMMARY

JUNE 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECCURENCE	REPAIR TIME HOURS
850611	36	038692 RTD-106D	OPS	CABLE TO RTD WAS DAMAGED	INCORRECT RTD MEASUREMENT	REPLACED RTD AND FIXED CABLE	20
850604	72	033773 DPS-104B	OPS	UNKNOWN	ALARM IN, NORMAL FLOW OF AIR	RAN ISP-87, EVERYTHING SATISFACTORY	2
850603	76	036824 FPCP	OPS	BAD RELAY- CONTACTS SHORTED	ALARM BELL RINGS CONSTANTLY	REPLACED RELAY	32

NEW YORK POWER AUTHORITY
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

JUNE 1985

DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
5/29	10	27313 SV35B	OPS	Seat Leakage	Replaced safety valve	5
5/28	16	39649 16X2A	OPS	Seal Leakage	Adjusted air lock door	8
5/28	13	21559 MOV131	OPS	Seat Leakage	Replaced valve	103
5/28	02	39646 RV-71B	OPS	Damaged Threads	Replaced inst. air valve	3
5/25	03	39580 HCU06-43	OPS	Leakage	Replaced accumulator	15
5/25	46	39579 P-2A	OPS	Breaker Out of Adjustment	Adjusted trip latch mechanism	10
5/25	71	22706 INV 3A	OPS	Blown Leg Fuse	Replaced fuse	24
6/3	02	35412 RWR14B	OPS	Seat Leakage	Replaced valve	120
6/3	10	28617 MOV-27A	OPS	Packing Leak	Replaced packing	10
6/3	10	35407 MOV-39B	OPS	Seat Leakage	Repaired valve seats	102

NEW YORK POWER AUTHORITY
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY
JUNE 1985

DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
5/31	10	36679 MOV-15C	OPS	Rotor Switch	Adjusted rotor #3 switch	2
5/31	23	22711 MOV-25	OPS	Failed Contact	Replaced contactor	20
5/31	02	39630 MOV-54B	OPS	Failed Torque Switch	Replaced torque switch	18
5/31	02	39600 SRV-71A	OPS	Electrical Ground	Re-spliced connector	6
5/31	29	38775 AOV-80A	OPS	Failed 90% Switch	Replaced switch	28
6/6	02	23891 RV-71F	OPS	Pilot Valve Leakage	Replaced pilot assembly	30
6/13	01-125	39471 F-2A	OPS	Expended Charcoal	Replaced charcoal	66

James A. FitzPatrick
Nuclear Power Plant
P.O. Box 41
Lycoming, New York 13093
315 342 3840

Harold A. Glovier
Resident Manager



July 3, 1985
JAFP 85-0569

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 June, 1985. 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

^{ajc}
HAG:JPC:mac
Enclosures

cc: Distribution

[Handwritten initials] *IE24*
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