

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: James A FitzPatrick
2. Reporting Period: 840701 - 840731
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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

Notes

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>5111</u>	<u>79008</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>4726.6</u>	<u>57255.4</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>744</u>	<u>4619.4</u>	<u>55819</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1715976</u>	<u>10659120</u>	<u>118395706</u>
17. Gross Electrical Energy Generated (MWH)	<u>564190</u>	<u>3564280</u>	<u>40783470</u>
18. Net Electrical Energy Generated (MWH)	<u>546405</u>	<u>3451100</u>	<u>38949740</u>
19. Unit Service Factor	<u>100%</u>	<u>90.4%</u>	<u>70.6%</u>
20. Unit Availability Factor	<u>100%</u>	<u>90.4%</u>	<u>70.6%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>90.7%</u>	<u>83.4%</u>	<u>64.3%</u>
22. Unit Capacity Factor (Using DER Net)	<u>89.5%</u>	<u>82.2%</u>	<u>60.0%</u>
23. Unit Forced Outage Rate	<u>0%</u>	<u>3.0%</u>	<u>13.7%</u>

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

Maintenance Outage to commence on or about 840914 to last
approximately thirty (30) 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

8408160311 840731
 PDR ADOCK 05000333
 R PDR

IE24
 11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333

UNIT FitzPatrick

DATE July 1984

COMPLETED BY J Cook

TELEPHONE (315) 342-3840

MONTH July 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>706</u>
2	<u>742</u>
3	<u>745</u>
4	<u>566</u>
5	<u>711</u>
6	<u>768</u>
7	<u>777</u>
8	<u>778</u>
9	<u>778</u>
10	<u>780</u>
11	<u>779</u>
12	<u>779</u>
13	<u>774</u>
14	<u>776</u>
15	<u>534</u>
16	<u>681</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>756</u>
18	<u>773</u>
19	<u>774</u>
20	<u>768</u>
21	<u>760</u>
22	<u>763</u>
23	<u>767</u>
24	<u>751</u>
25	<u>754</u>
26	<u>756</u>
27	<u>767</u>
28	<u>776</u>
29	<u>762</u>
30	<u>741</u>
31	<u>727</u>

SUMMARY: The FitzPatrick Plant operated at near full thermal power for this reporting period with one power reduction for rod pattern adjustment and one power reduction to repair a main condenser tube leak.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY 1984

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

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
9	840704	S	0	H	4	N/A	N/A	N/A	Reduced power for rod pattern adjustment.
10	840715	S	0	H	4	N/A	SD	COND	Reduced power to repair a main condenser tube leak.

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)

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 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

July 1984

The Unit operated at near full thermal power for this reporting period with two power reductions. On 840704 power was reduced for a rod pattern adjustment then on 840715, power was reduced to repair a main condenser tube leak.

At the end of the reporting period, the FitzPatrick Plant is operating at approximately 727 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
6/24	23	31462 P15 76	Visual	Cracked Weld	Ground out and re-welded	14
7/26	88	23912 CR 2	Visual	Kinked wire rope on 1/2 ton hoist	Replaced wire rope	12
7/28	88	23910 CR 2	Visual	Overheated Magna- torque brake	Replaced magnetorque, adjusted control current.per manufacturer's instructions	91
7/24	88	22852 CR 2	P.M.	Pitted pinion gear on 20T hoist due to improper lubrication	Replaced gear - lubricated per manufacturer's instruc- tions	72
7/27	88	22869 CR 2	P.M.	Pitted bull gear on 20T hoist due to improper lubrication	Performed NDE on gear, cleaned and lubricated per manufacturer's instructions	20

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SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
7/9	10	31159 MOV-89A	Visual	Worn packing	Adjusted packing	2
7/20	71	23800 Batt 3B	S.T.	Failed to maintain specified individual cell voltage on Cell	Replaced cell 166	48
7/20	71	25370 Batt 3B	S.T.	Failed to maintain specified individual cell volt. on Cell	Replaced cell 93	32

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

MAINTENANCE SUMMARY

JULY 1984

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
840720	02	031659 TE-145A	OPS	Out of calib.	Failed recorder upscale	Cal'd./swapped A&B loops - Re- cal'd	10
840703	07	033533 131-C	OPS	Faulty computer input board	Computer won't enter #3TIP DTA	Replaced computer board	2
840630	07	029063 131A,B,C,D	JIC	Age	Light bulb replacement	Replaced bulb in tin drives	15
840705	07	031518 TIP, DR. CON	OPS	Tubing changed during shutdown	Adj. so comp. will accept data 9	Changed core bottom limit to 750	4
840717	07	033564 APRM-C	OPS	Adjustment needed	Will not reset during F-ST-5B	Adj. Inon trip/ took out of BYPS	4
840629	07	031533 TIP #1	OPS	Unknown	Channel 7 won't count out to main computer	Found no problems with system	15
840703	07	033625 TIP #2	OPS	Open gnd. conn./ Flux amp	Computer won't accept #2 data	Resoldered con- nection	20
840723	07	029654 TIP	OPS	Recal needed due to new ampcrd	C&D flux amps 5% apart	Perf. 4-7AB GEK13971G & gain adj.	10
840723	07	031621 R-131-1	OPS	Needed adj. and cleaning	Chart RCRDR Yaxis won't follow FLW tip	Cleaned, lubed, adj. & calib	24
840717	10	033584 LS-104	OPS	Defective sensor	LPCI Keep Full will not reset	Replaced sensor/ Perf. IMP-G30	32
840723	16-1	033579 DPR-200	OPS	Battery voltage low	Recorder indi- cates low read- ing	Renlc'd battery/ Cal W/ISP-35	12
840705	27	031573 RR-104A	OPS	Worn out/Age	Drywell Rad Re- corder/Brkn Dr. Stre	Replc'd printhead cable/calib.	10

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

MAINTENANCE SUMMARY

JULY 1984

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
840705	27	031679 RR-104B	OPS	Needed adj.	Drywell Rad Re- corder doesn't print	Adj stepping switch/Cal. re- corder	8
840705	27	031532 02 AZ-101B	OPS	Needed adj.	Reading down- scale	Performed ISP-31 for A&B 02 ANZR	16
840716	39	024148 PAH13,12,7	RDP	Normal wear and age	Out of adjust- ment	Checked calib; reset zero	4
840712	70	031599 TCV-120A	OPS	Out of align- ment	Comm'n't won't stroke full travel	Adj zero & span on actuator	14
840716	71	031660 INV-3B	OPS	Faulty ammeter	Ammeter shows improper indictn	Replc'd ammeter w/stock mtr	4
840716	71	025675 LPCI "B"	OPS	Bad lamp driver board	Off light doesn't go out	Replc'd lamp driver; lights OK	32
840706	73	031680 HV-11A, FN-2A	OPS	Windows on panel accidentally switched	Fan trouble annu- ciator is lit	Reset temp SW Annunciator cleared	18

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JUNE 1984

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

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
7	840621	S	33.5	B	2	N/A	N/A	N/A	Shutdown to photograph supports in Drywell and Steam Tunnel
8	840625	F	41.2	A	3	84-013	TG	FLT	Reactor scram on high pressure from bypass valve closure caused by dirt in EHC fluid filters. Cleaned filters and returned to service.

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NARRATIVE SUMMARY OF
OPERATING EXPERIENCE

June 1984

The Unit operated at near full thermal power for the first twenty-one days of the reporting period.

On 840621, shutdown was commenced and the Unit was taken off line on 840623 for maintenance. Start-up began on 840625 when a reactor scram occurred from high pressure caused by turbine bypass valve closure. The bypass valves closed due to blocked oil flow in the EHC Fluid Filters. Repairs were completed and the Unit was back in service on 840627.

At the end of the reporting period, the FitzPatrick Plant is operating at approximately 596 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
5/16	27	24244 HHT-102B	Tech. Svcs Testing	Burned out relay	Replaced relay	10
5/22	70	29615 MOD 108A	Ops	Position indication out of adjustment	Adjusted	8
5/25	70	24193 RWC-2B	Ops	Wear	Overhauled	80
5/27	27	29664 PCV122A	Visual	Dirt under body to bonnet gasket	Cleaned faces, replaced gasket	2
7/4	03	33634 CRD 127 HCU26-07	Ops	Seat Leak	Rebuilt valve	12

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6/21	70	22865 AHU 3B	Visual	Worn Sheave	Replaced sheaves & belts	16
6/25	21	24176 SV114A	Ups	Valve did not open at set pressure	Disassembled, inspected, lapped disc & seat, re-assembled, reset	30
6/25	46	22812 P2A	N/A	No failure	Disassembled, inspected, replaced bearings, collets & lower coupling, reassemble	154
6/24	29	25422 AOV 86C	Visual	Worn packing	Replaced packing above lantern ring	20
6/24	29	31589 AOV 80A	Ups	Worn air cylinder U cups	Replaced U cups & 4 way way valve	51
6/24	23	29655 Conden. Drain Line	Visual	Erosion	Repair welded	20
6/26	03	31474 SOV 120 & 222	Ups	Directional Control valve not opening	Replaced directional control valves & filters	6

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
6/14	27	13580 CAD 14B	Visual	Leaking gasket	Replaced body - bonnet & seat gaskets	4

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



August 6, 1984
JAFP-84-0761

Director, Office of Inspection
and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

ATTN: DOCUMENT CONTROL DESK

Re: DOCKET NO. 50-333

Dear Sir:

The Operating Status Report for the month of July 1984 is enclosed. The refueling information remains the same as previously submitted. Enclosed also are revised pages to the June 1984 Report and the Mechanical Maintenance Summary which was inadvertently omitted.

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 'by dir. R. L. McNeill'.

CORBIN A. MC NEILL, JR.

CAM:JPC:caf

Enclosures

cc: Internal Distribution

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