

# OPERATING DATA REPORT

DOCKET NO. 50-333

DATE May 1985

COMPLETED BY J. Cook

TELEPHONE (315) 342-3840

## OPERATING STATUS

1. Unit Name: <u>JAMES A. FITZPATRICK</u>	:	Notes	:
2. Reporting Period: <u>850401 - 850430</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>2880</u>	<u>85561</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>1096.8</u>	<u>60712.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>1096.8</u>	<u>59044.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>2558832</u>	<u>125494786</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>873930</u>	<u>43154210</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>845655</u>	<u>41243660</u>
19. Unit Service Factor	<u>0</u>	<u>38.1%</u>	<u>69.0%</u>
20. Unit Availability Factor	<u>0</u>	<u>38.1%</u>	<u>69.0%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>36.3%</u>	<u>62.6%</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>35.8%</u>	<u>58.7%</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0%</u>	<u>13.3%</u>

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

25. If Shut Down At End Of Report Period, Estimated Date of Startup: May 22, 1985

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

	Forecast	Achieved
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INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333

UNIT FitzPatrick

DATE May 1985

COMPLETED BY J. Cook

TELEPHONE (315)342-3840

MONTH APRIL 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
	0
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

SUMMARY: The FitzPatrick plant remained shutdown for this entire reporting period.

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

APRIL 1985

The FitzPatrick plant remained shutdown for this entire reporting period.  
Estimated date of startup is May 22, 1985.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL 1985DOCKET NO. 50-333UNIT NAME FITZPATRICKDATE MAY 1985COMPLETED BY J. COOKTELEPHONE (315) 342-3840

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN REACTOR	LICENSEE EVENT REPORT #	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
3	850214	S	720	C	3	85-006	TB	N/A	Shutdown For Refueling (cumulative hrs. 1783.2)

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

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

## MAINTENANCE SUMMARY

April 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850408	02	<u>038658</u> TE-145B	I&C	Thermocouple Hanging in Air	Investigate Condition of Thermocouple	Strapped Thermocouple To Pipe	6
850401	02	<u>032655</u> TE-140A-D	I&C	N/A	Install Calibrated RTD's	Replaced TE-140A-D	10
850424	07	<u>033898</u> SRM D	OPS	UNKNOWN	Took Step change Upward	Ran TDR and Hi Resistance Test	5
850418	07	<u>033765</u> SRM B	OPS	Drive Tube Jammed Into Grating	Couldn't Get Into Core	Replaced Gear Unit/ Adj Tension	16
850413	07	<u>033757</u> SRM/IRM	OPS	Shorted Coil	Relay 7C-K7H Burned Up	Replaced Relay 7C-K7H	14
850413	07	<u>038653</u> SRM/IRM	I&C	HEPA Hose Against IRM Connector	Inspect Connects On Drive Modules	Tied Up HEPA Filter Hose	2
850405	10	<u>038662</u> VARIOUS	I&C	Found Wire On Wrong Terminal	Rectify Wiring DEFS/IMP-71.18B	Relocated Wire	4
850417	10-16	<u>023191</u> HFA RELAYS	I&C	Modification No. M1-84-080	HFA Relays For Mod. M1-84-080	Replaced Relays & Calibrated	578

April 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850412	14	032657 K13A/K10A	I&C	Wire to Term #14 Disconnected	Correct Wiring Problem	Attached Wire to Term #14 On K10A	1
850403	33	023453 PS-135A	I&	Age-Use	Leak Between Test And System	Valve Replaced Under F1-82-53	1
850408	68	023127 TR-102 & 103	I&C	N/A	Calibrate Recorders	Calibrated Per ISP 27	4
850401	68	035543 TR-103	OPS	Found Power Cord Disconnected	Recorder Not Printing	Connected Cord	2
850408	93	023194 FM-2C	I&C	Meter Can Not Be Calibrated	Replace Frequency Meter For "C" EDG	Replaced Damaged Meter	3



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

DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
4/9/85	71	22670 Bkr 11602	OPS	Breaker quick closed mechanism	Replaced Breaker	26
3/27	27	35561 SOV-135B	LLRT	Seat Leak	Replaced plunger, disc and seat	6
3/29	29	38659 MST-1054C	OPS	Worn Packing	Repacked valve	8
3/30	71	35650 DCA3 #11	OPS	Grounded temperature detectors	Replaced detectors	80
4/9	71	22690 L-16	Visual	Improperly protected equipment	Cleaned transformer	4
4/4	71	22668 10600	Preventive Maintenance	Chipped secondary couplers	Replaced secondary couplers	48
4/2	03	37232 HCU 10-11	OPS	Throttle Valve Bound Up	Replaced valve	5
4/12	10	33861 RHR-88	Visual	Worn Packing	Repacked	13
4/13	10	35608 MOV-17	LLRT	Seat Leak	Lapped seats and wedge	225
4/12	23	25468 HPI-402	N/A	No malfunction	Inspected per P&V ISI Program	6

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

DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
4/10	27	35536 AOV-116	LLRT	Seat leakage	Adjusted operator coupling. Replaced coupling pin.	60
4/8	27	35511 AOV-117	LLRT	Seat Leak	Replaced seat ring.	120
4/8	27	22684 AOV-118	LLRT	Seat Leak	Replaced seat ring.	120
3/15	29	35599 MOV-74	LLRT	Seat Leak	Replaced disc, lapped seats.	124
4/12	71	35500 MCC 163 13 MOV-15	Visual	Broken reset button	Replaced reset button	2
4/7	71	22669 10612 Bkr	Visual	Defective Lamp Socket	Replaced Socket	1
4/7	76	35517 P-2	Visual	Burned out lamp	Replaced lamp	1
4/13	12	35590 MOV-15	LLRT	Seat leakage	Replaced wedge; lapped seats	570
4/12	15	25460 RBC-35C	N/A	No malfunction	Inspected per P&V ISI Program	4
4/12	15	25459 RBC-35B	N/A	No malfunction	Inspected per P&V ISI Program	4



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SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY  
APRIL 1985

DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
4/12	15	25466 RBC-59	N/A	No malfunction	Inspected per P&V ISI Program	4
4/12	15	25467 RBC-61	N/A	No malfunction	Inspected per P&V ISI Program	4
4/9	16	21084 HA-3	N/A	No malfunction	Added bearings to air lock door hinges.	180
3/26	20	35558 MOV-94	LIPT	Seat leakage	Lapped seat and disc.	26
4/11	23	25461 HPI-61	N/A	No malfunction	Inspected per P&V ISI Program	20
4/19	46	25455 ESW-1A	P&V ISI	Corrosion/erosion of disc stud	Replaced disc with disc from other valve	36
4/11	71	22691 BC1B	OPS	Faulty filter capacitors	Replaced filter capacitors	5
3/31	71	21079 ICB 3 & 4 PT 05-6B	N/A	No malfunction	Provide temporary power for battery chargers and RPS during bus outage	15
4/19	71	22694 BC1A	OPS	Shorted resister	Rebuilt regulator circuit board	2

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DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
4/22	00	36306 Various Instrument Sensors	N/A	No malfunction	Installed cable entrance moisture seals per M1-85-003	100
4/19	02	35410 RWR-13B	LLRT	Seat leakage	Replaced disc and spring, lapped disc and seat	28
4/23	03	19873 CRD 10-35	OPS	Normal operations	Replaced CRD	95
4/23	03	19833 CRD 46-11	OPS	Normal operations	Replaced CRD	49
4/23	03	18387 CRD 02-27 CRD 50-31	OPS	Normal operations	Replaced CRDs	40
4/20	08	22874 Monorail Hoist	OPS	Seized hose reel	Disassembled, cleaned and reassembled	30
4/13	03	22582 CRD 5082	OPS	Normal operations	Rebuilt CRD, leak tested	64.5
4/13	03	22581 CRD 7928	OPS	Normal operations	Rebuilt CRD, leak tested	40.5
4/12	03	22584 CRD A5146	OPS	Normal operations	Rebuilt CRD, leak tested	56

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4/13	03	22586 CRD 3236	OPS	Normal operations	Rebuilt CRD, leak tested	58.5
4/16	24	23888 EOD-1	OPS	Bent linkage	Straightened linkage	16
4/19	03	33872 HCU 26-51	OPS	SOVs 117 & 118 failed to operate	Rebuilt SOV-117 & 118	4
4/21	08	33787 Refuel Bridge	OPS	Faulty solenoid on frame mounted hoist	Replaced solenoid	7
3/9	15	35406 RBC-26A	LLRT	Seat leakage	Lapped seat and disc	30
4/18	16	33858 Stabilizer Cover	LLRT	O-Ring leakage	Replaced O-rings	12
4/20	08	25886 Refuel Bridge	OPS	Sticking relay	Replaced relay	2
4/24	29	34507 ACV-80A	OPS	Slow close time. Adv. valve silencer dirty	Replaced valve	1/2
4/24	29	34508 ACV-86D	OPS	Slow close time. Adv. valve silencer dirty	Replaced valve	1/2

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DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
4/24	29	34506 ADV-86A	OPS	Slow close time. Adv. valve silencer dirty	Replaced valve	1/2
4/20	39	35512 SAS-10	LLRT	Seat leakage	Replaced valve	84
4/24	46	23881 ESW-1B	P&V ISI	Eroded/corroded threads	Replaced disc and hanger	20
4/12	10	34306 P-1C	OPS	Hi vibration - Worn shafts and bearings	Rebuilt pump	38
4/27	03	33884 HCU 22-43	OPS	Worn packing on 111 Valve	Repacked	4
4/27	03	33885 HCU 06-23	OPS	Worn packing on 111 Valve	Repacked	4
4/27	03	33887 HCU 10-27	OPS	Worn packing on 111 Valve	Repacked	4
4/29	03	33888 HCU 06-27	OPS	Worn packing on 111 Valve	Repacked	4
4/29	03	38764 CRD 916B	OPS	Seat leak	Cleaned and lapped seat and wedge	10

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

Harold A. Glover  
Resident Manager



New York Power  
Authority

May 7, 1985  
JAFP 85-0414

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 April, 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.

HAROLD A. GLOVER

*HAG*  
HAG:JPC:mac

cc: Internal Distribution

Enclosures

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