

OPERATING DATA REPORT

DOCKET NO. 50-333
 DATE August 1983
 COMPLETED BY J. Cook
 TELEPHONE (315) 342-3840

OPERATING STATUS

1. Unit Name: FitzPatrick
2. Reporting Period: 830701-830731
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	744	5087	70224
12. Number Of Hours Reactor Was Critical	0	3390.9	49646.6
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0	3353	48368.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	7669944	10113802
17. Gross Electrical Energy Generated (MWH)	0	2598480	35033260
18. Net Electrical Energy Generated (MWH)	0	2518780	33383165
19. Unit Service Factor	0%	65.9%	68.9%
20. Unit Availability Factor	0%	65.9%	68.9%
21. Unit Capacity Factor (Using MDC Net)	0%	61.1%	62.4%
22. Unit Capacity Factor (Using DER Net)	0%	60.3%	57.9%
23. Unit Forced Outage Rate	0%	9.1%	15.3%
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: Late August 1983

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

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333
 UNIT FitzPatrick
 DATE August 1983
 COMPLETED BY J. Cook
 TELEPHONE (315)342-3840

MONTH July 1983

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

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

SUMMARY: The FitzPatrick plant continued it's Fifth Refueling Outage through this reporting period.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-333
 UNIT NAME FitzPartick
 DATE August 1983
 COMPLETED BY J. Cook
 TELEPHONE (315) 3423840

REPORT MONTH July 1983

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
8	830603	s	744	c	1	N/A	N/A	N/A	Refueling outage (cumulative hours to date 1398.6)

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)

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

NEW YORK POWER AUTHORITY
JAMES A. FITZPAIRICK NUCLEAR POWER PLANT

NARRITIVE SUMMARY OF OPERATING EXPERIENCE

JULY 1983

The refueling and maintenance outage which began June 3, 1983, continued throughout this reporting period. The major areas of work are scram discharge modification, turbine generator maintenance, LLRT testing, TORUS modification, and post accident sampling system modifications. Presently the outage activities are on schedule with an expected start up in late August.

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
7/27	29	<u>26640</u> AOV-86B	LLRT	Seat Leakage	Machined seat, lapped disc and pilot seat and disc	206
7/25	29	<u>27294</u> AOV-86C	Visual	Loose Packing	Freed frozen packing gland, and adjusted	16
7/27	10	<u>27365</u> RHR-52A	LLRT	Seat Leak	Replaced valve	60
7/20	10	<u>25213</u> MOV-12A	N/A	No Failure	Replaced motor and limit switches per NRCB 79-01B	32
7/26	23	<u>24429</u> AOV-53	Operations	Seat Leakage	Replaced internals	11
7/26	23	<u>24430</u> AOV-42	Operations	Seat Leakage	Replaced seat ring	11
7/28	39	<u>25791</u> IAS-22	LLRT	Seat Leakage	Ground & lapped	60
7/26	39	<u>25916</u> SAS-10	LLRT	Seat Leakage	Ground & lapped	69
7/21	71	<u>25058</u> L-25	N/A	No Malfunction	Preventive Maintenance	40
7/25	71	<u>25057</u> L-15	N/A	No Malfunction	Preventive Maintenance	40
7/29	02	<u>25849</u> AOV-39	LLRT	Seat Leakage	Ground & lapped seat & plug	21
7/26	23	<u>18330</u> MOV-14	Visual	Leaking packing & Pressure Seal	Replaced pressure seal, lapped seat & disc, repacked	81

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
7/18	03	<u>24499</u> HCU-34-23	OPS	Packing leak on 111 valve	Replaced 111 valve	1
6/30	93	<u>15242</u> EDG B&D	N/A	No Malfunction	Preventive Maintenance	320
6/30	08	<u>26685</u> Refuel Bridge	OPS	Worn bushing in mast	Replaced nylon bushings and stop pins	30
7/26	27	<u>18760</u> Various	Visual	Various air leaks in drywell	Tightened fittings, replaced tubing, & fittings. Replaced 14SOV-13A & B	32
7/22	27	<u>25907</u> AOV-112	LLRT	Seat Leak	Replaced "T" ring	120
7/22	27	<u>25908</u> AOV-111	LLRT	Seat Leak	Replaced "T" ring	120
7/25	27	<u>25906</u> AOV-116	LLRT	Seat Leak	Replaced "T" ring	60
7/25	27	<u>25905</u> AOV-115	LLRT	Seat Leak	Replaced "T" ring	60
7/25	27	<u>18774</u> AOV-115	OPS	Air Leak, bad solder joint	re-soldered	1
7/26	23	<u>25670</u> TU-2	Visual	Loose fitting - oil leak	Tightened fitting	1
7/26	23	<u>25669</u> HPI-906	Visual	Loose fitting - oil leak	Tightened fitting	1

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
7/18	03	<u>18646</u> HCU-06-23	OPS	Pilot valve chatter	Rebuilt pilot valve	1
7/18	03	<u>18647</u> HCU-26-51	OPS	Pilot valve chatter	Rebuilt pilot valve	1
7/18	03	<u>18859</u> HCU-10-39	OPS	111 Valve packing leak worn packing	Replaced 111 valve	1
7/18	03	<u>19427</u> HCU-26-35	OPS	117 Valve air leak	Rebuilt 117 valve	1
7/20	12	<u>25848</u> RWC-62	LLRT	Seat Leak	Ground seat & disc	60
7/19	27	<u>25913</u> AOV-118	LLRT	Seat Leak	Replaced "T" ring	45
7/19	27	<u>25912</u> AOV-117	LLRT	Seat Leak	Replaced "T" ring	45
3/10	34	<u>20258</u> NRV-111A	Visual	Leaking packing & gaskets	Furmanited during operating cycle	350
7/21	34	<u>25794</u> NRV-111A	LLRT	Seat Leak	Replaced Furmanite fittings, replaced shaft dog, ground seat and adjusted disc angle. Replaced disc	892
3/2	34	<u>20259</u> NRV-111B	Visual	Leaking packing & gaskets	Furmanited during operating cycle	129
7/13	34	<u>25797</u> NRV-111B	LLRT	Seat Leak	Replaced Furmanite fittings, ground seat and disc, adjusted disc angle	453

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
7/22	03	19497 HCU-42-47	OPS	Accumulator Leak	Rebuilt accumulator	20
7/8	10	25889 MOV-26B	LLRT	Seat Leakage	Replaced seats and wedge, weld built up and machined seats, repaired Limitorque torque switch	206
6/30	13	25796 RCI-105	LLRT	Seat Leakage	Machined seat rings, ground seat and disc	202
6/22	23	25775 HPI-12	LLRT	Seat Leakage	Ground seat and disc	150
7/1	23	25774 HPI-65	LLRT	Seat Leakage	Replaced disc arm, ground seat and disc	240
6/25	39	25781 BAS-04	LLRT	Seat Leakage	Ground seat & disc	20
6/24	39	25914 BAS-05	LLRT	Seat Leakage	Ground seat & disc	15
7/19	17	26674 RC-456A	OPS	Worn belts	Replaced belts	12
7/20	10	25218 MOV-89B	N/A	No Malfunction	Replaced motor and limit switches per NRCB 79-01B	34
7/20	10	25217 MOV-89A	N/A	No Malfunction	Replaced motor & limit switches per NRCB 79-01B	18
7/19	12	16282 MOV-15	OPS	Worn packing	Repacked	6

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
7/18	14	Ø4463 SV-20A	N/A	No Malfunction	Installed flanges and set valve per F1-79-018	80
7/20	15	25226 MOV-103	N/A	No Malfunction	Replaced motor and limit switches per NRCB 79-01B	18
7/16	10	27373 RHR-450	OPS	Key fell out	Replaced key	9
6/30	10	Ø2355 P-1D	N/A	No Malfunction	Disassembled and inspected for Preventive Maintenance	163
7/7	46	13535 ESW-13A	N/A	No Malfunction	P&V ISI	10
6/30	71	22996 EDG "D"	N/A	No Malfunction	Electrical Preventive Maintenance	231
6/30	10	25950 MOV-32	OPS	Valve Binding	Disassembled, repaired seat, repacked, reassembled	166
7/6	46	27351 ESW-6A & B	N/A	No Malfunction	P&V ISI	10
7/6	46	25989 ESW-9B	Incidental Observation	Improper previous maintenance	Replaced bonnet gasket	16
7/7	46	20741 ESW-13B	N/A	No Malfunction	P&V ISI	6
7/7	46	13538 SWS-60A	N/A	No Malfunction	P&V ISI - Found valve full of marine growth	7
7/8	13	25795 RCI-04	LLRT	Seat Leakage	Ground seat & disc	232

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
7/8	03	21029 CRDS-30-50 & 30-54	N/A	No Malfunction	Disassembled and dried	8
6/26	20	25783 AOV-95	LLRT	Seat Leakage	Replaced valve internals	20
7/12	10	27374 RHR-42B	OPS	Broken disc hanger	Replaced disc hanger	49
7/12	00	07639 HPCI Leak Detection Sys.	N/A	No Malfunction	Installed cable markers	60
7/12	14	21525 MOV-5B	Would not stroke shut fully	Loose seat	Tightened seat	53
7/8	29	25847 AOV-80D	LLRT	Seat Leakage	Disassembled, machined, lapped, reassembled	180
7/16	10	25214 MOV-12B	N/A	No Malfunction	Replaced motor per NRCB 79-01B and PM'd	21
7/14	01-125	01832 MOV-11, 12 13A & B 14A & B 15A & B 100A & B	N/A	No Malfunction	Performed Preventive Maintenance	70
7/14	46	26720 SWS-60B	N/A	Disassemble & inspect due to condition of 46-SWS-60A	Cleaned valve internals	4

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
7/15	10	25220 MOV-149A	N/A	No Malfunction	Replaced motor per NRCB 79-01B and PM'd	30
7/16	10	25219 MOV-148	N/A	No Malfunction	Replaced motor per NRCB 79-01B and PM'd	24
7/12	16	16582 Drywell Emerg. Air Lock Door	Incidental Observation	Operator Misadjusted	Adjusted linkage	6
6/25	20	25782 MOV-94	LLRT	Seat leakage	Replaced wedge, ground seats	79
7/27	05	20163 Scram Contactors	N/A	No Malfunction	Performed Preventive Maintenance	30
7/23	02	24821 AOV-17 & 18	OPS	Seat Leaks	Replaced Valve Internals	22

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

MAINTENANCE SUMMARY

I & C JULY 1983

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
7/1/83	03	26587 CRD-10-31	OPS	Post Refuel Test	Perform Friction Test on Drive	Cal. CRD-10-31 & 42-23	24
7/1/83	07	27308 PR-46C	OPS	Input Cable	Does Not Follow Input Signal	Checked Calibration	2
7/5/83	17	17799 RM-251A	JIC	Broken Pot	Out of Tolerance	Replaced Pot	20
7/6/83	11	25888 MTR RL 67B	OPS	Defective Relay	No Loss of Continuity Alarm	Replaced Relay	15
7/11/83	27	13273 PS-110B	JIC	Out of Tolerance	Out of Tolerance	Check Calibration	2
7/11/83	93	26716 EDG-D	OPS	Defective Tacometer	Failed to Accelerate	Replaced Tacometer	36
7/12/83	11	25967 Annunciator	OPS	Set Point Drift	Alarm Temp Will Not Clear	Ran Calibration Check	20
7/12/83	93	26723 EDG-D	OPS	Out of Adjustment & Defect Pot	Could Not Unload Generator	Adjusted & Replaced Pot	22
7/13/83	02	17442 RTD's	JIC	Performance Test	Need Testing	Tested RTD's	38
7/13/83	11	26307 LS-70	JIC	Calibration Check	Check Calibration	Performed ISP-82	5
7/14/83	93	26309 PS-11B, 11D	JIC	Defective Pressure Switch	Air Leaks on Pressures	Replaced Pressure Switches	26
7/15/83	76	26613 MUX #3	OPS	Broken Fuse Holder	Spurious Alarm	Replaced Fuse Holder	6

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MAINTENANCE SUMMARY

I & C JULY 1983

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
7/19/83	Ø2-3	26682 LR-98	OPS	Pen Assembly Was Bent	Recorder Not Working Properly	Realigned Assembly & Cal.	8
7/21/83	Ø7	Ø4216 SRM/IRM	OPS	Old Age	Failed Power On/Off Indicator	Replaced Switch	16
7/22/83	Ø7	17828 SRM/IRM	JIC	Check	Perform Maint. on Drives	Performed IMP-7.18	45
7/22/83	Ø2-3	24937 FT-64K	JIC	Old Age and Use	Leaky Isolation Valve	Replaced Whitney Manifold	2Ø
7/22/83	Ø2-3	24938 FT-64P	JIC	Old Age and Use	Leaky Isolation Valve	Replaced Whitney Manifold	2Ø
7/23/83	Ø7	25547 LPRM-44-29	JIC	Defective LPRM	Replaced LPRM Det. String 44-29	Replaced LPRM Det. String 44-29	77
7/25/83	Ø6	26253 PR/LR-97	JIC	Defective Wiper Ass. & Cal. Out	Broken Wiper Arm	Replaced Wiper Ass. & Cal.	8
7/25/83	Ø3	26616 CRD-42-31	OPS	Bulbs Damaged	Indicator Lights Broken	Replaced Bulbs	1Ø
7/25/83	Ø2-3	2689Ø LIS-72B	OPS	Switch Stuck	Relays Picked Up For No Reason	Open Switch & Perform ISP-3.2	8
7/26/83	93	26312 PS-11A, 12C	JIC	Old Age	Air Leaks Around Gaskets	Replaced Switch & Calibrated	6
7/26/83	14	26684 MOV-5B	OPS	Switches Out Of Tolerance	Cycling Open- Close-Open Cont.	Calibrated 14-FIS-45B	32

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

MAINTENANCE SUMMARY

I & C JULY 1983

[illegible]

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



August 8, 1983
JAFP-83-0817

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

ATTENTION: Document Control Desk

REFERENCE: Docket No. 50-333

Dear Sir:

The Operating Status Report for the month of July, 1983 is enclosed. The refueling information remains the same as previously submitted.

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

Very truly yours,

A handwritten signature in dark ink, appearing to read 'C. McNeill', followed by a long horizontal flourish.

Corbin A. McNeill, Jr.

CAM:JPC:rv
Enclosures

cc: Internal Distribution

IE 24
11