

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: FitzPatrick
2. Reporting Period: 841001 - 841031
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): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745	7320	81217
12. Number Of Hours Reactor Was Critical	50.4	5763.4	58292.2
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0	5578.8	56778.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	12825528	120562114
17. Gross Electrical Energy Generated (MWH)	0	4269330	41488520
18. Net Electrical Energy Generated (MWH)	0	4133175	39631815
19. Unit Service Factor	0	76.2%	69.9%
20. Unit Availability Factor	0	76.2%	69.9%
21. Unit Capacity Factor (Using MDC Net)	0	69.7%	63.5%
22. Unit Capacity Factor (Using DER Net)	0	68.8%	59.4%
23. Unit Forced Outage Rate	0	4.7%	13.7%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling outage scheduled for January 25, 1985 to last approximately 60 days.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: November 7, 1984

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

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

8411200012 841031
 PDR ADOCK 05000333
 R PDR

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AVERAGE DAILY UNIT POWER LEVEL

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

MONTH OCTOBER 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</u>		

SUMMARY: The Unit remained shutdown this month for IHSI and general plant maintenance.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: October 1984

DOCKET NO. 50-333
 UNIT NAME FitzPatrick
 DATE Nov. 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
12	841001	S	745	B	1	N/A	N/A	N/A	840915 Shutdown for maintenance and IHSI (cumulative hrs. 1121)

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE OCTOBER 1984

The FitzPatrick plant remained shutdown for the month to conduct Induction Heat Stress Improvements and general plant maintenance.

Startup commenced on October 29th and the unit is expected to return to service on November 7, 1984.

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

MAINTENANCE SUMMARY

OCTOBER, 1984

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
841026	00	026469 SPARE	I&C	Bad Cal. and Diode Logic Card	IRM Drawer has Problem	Replaced Cal. & Diode Logic Card	80
841010	00	029130 SPARE	I&C	Broken by Foxboro Rep.	Replace Static Alignment Screw	Install Static Alignment Screw	.5
841031	01-125	037155 01-125-F-1A	OPS	Bad Filter	DP Guage Reading .8 Should Alarm	Changed Filter	1
841001	02	029176 2E-K5A	I&C	Removed From 09-45 During Maintenance	Verify Functions Properly	Tested Relay-Return to Stock	2
841009	02	029510 02FT110C-H	OPS	Unknown	Perform Cal Check & Recalibrate	Performed Steps of ISP-63-1	16
841023	02	026471 02-RV-71 (ALL)	I&C	N/A	SRV Acoustic Test/ Repair Monitoring System	Replaced G&L Active G Passive Transducers	37
841009	02	033948 02-RV-71H	OPS	Unknown	Passive Transducer Out of Spec	Verified Acc Reading < ST 221	4
841029	02	037301 2EK5A	OPS	Unknown	Timer Times in 107 Sec.	Reset Timer to 116	2
841014	02-3	023084 LITS-73	I&C	Position of Switch In Yarway	F-ISP-77 Couldn't Reset Lo Trip	Repositioned Switch in Yarway	4
841014	02-3	033934 02-3-LR-98	OPS	Span on Level Recorder Off	Recorder Eq-193, Feed Eq > 200	Adjusted Span	
841025	02-3	037311 LT-86	OPS	N/A	Not Tracking Properly	Performed Steps of IMP 2-3.4	20
840929	02-3	029116 LIS-101D	I&C	Instrument Drift (Switch Set.Pt.)	Transmitter Switch Out of Tol.	Replaced With New From Factory	28

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

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OCTOBER, 1984

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841002	03	<u>023814</u> 03-LS-231E	I&C	Mispositioned Wires	SWT. Cover Rubbing On Wire	Repositioned Wires	6
841004	03	<u>037382</u> Rod 34-27	OPS	Bad Rod Selector Switch	2 Rods Can be Selected at Once	Replaced Rod Selector Switch	6
841014	03	<u>036270</u> LS-231B	OPS	Enclosure Assembly Leak	Water Leakage Into Switch Hous.	Tightened and Reinstalled Encl Assembly	7
841017	03	<u>029182</u> N/A	I&C	Intermittent Operation	Replace Switch (Rod Select Switch)	Replaced Defective Switch	8
841007	05	<u>023015</u> HFA Relays	I&C	Modification MI-84-080	Replace Relays on "A" RPS Syst	Performed F-ISP-60 "A" RPS	220
841005	06	<u>023081</u> LR/PR-97	I&C	Setpoint Inaccuracy	Adjust Switch Setpoint	Performed 5.3 of ISP-5-4	2
841003	07	<u>037156</u> NM-31A	OPS	CRD Work-Cable Pulled	A SRM Reading Downscale	Replaced Cable Connector	6
841003	07	<u>037378</u> H IRM	OPS	Bad Cable Connector	Dectector Cable Pulled Free	Replaced Cable Connector	8
841029	07	<u>033600</u> 7- NM-101AD	OPS	Out of Adjustment	Check Drive Speed On Tip Mech	Adjusted Tip Drive Mechanisms	10
841012	07	<u>037249</u> H IRM	OPS	Short in Cable	"H" IRM Went Upscale In-Op	Burned Short Out of Cable	66
841005	07	<u>034146</u> LPRM20-13C	OPS	Bad Cable Connector	Replace Connector	Replaced Cable Connector	2
841004	07	<u>023044</u> LPRM20-37A	I&C	Bad Connector	Repair Undervessel Connectors	Replaced Connector	2

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841004	07	023045 LPRM12-21A	I&C	Bad Connector	Repair Undervessel Connectors	Replaced Connector	2
841004	07	028313 LPRM44-37C	OPS	Loose Connector	LPRM Reading Downscale-Bypassed	Cleaned & Reconnected	6.5
841010	07	034096 LPRM12-45D	OPS	Dirty Connector	LPRM Drifting	Cleaned Performed Plateau Curv	9
841010	07	034105 36-37B	OPS	Dirty Connector	Reading Between 25&50% While SD	Cleaned, Performed Plateau Curv	17
841012	07	023083 IRM-E	I&C	Noisy Power Sypply	ISP-71 Voltage Drifted	Replaced Caps Cl&C2 & Trim Pot	12
841016	07	033520 NM-82B	OPS	Defective Switch	RBM Monitor Didn't Read Rx Pwr	Replaced Rod Select Switch	8
841005	07	034144 APRM A	OPS	To Compensate For Correct # of Input	Need Count Circuitry Reset	Performed Step Of IMP 7.6	2
841013	07	037190 APRM C	OPS	INOP CKT Activated By Count CKT	C APRM Failed to Operate Prop	Adjusted Count CKT	8
841010	07	024728 LPRM36-29C	OPS	Dirty Connector	LPRM 36-29C Drifted Upscale	Cleaned & Repaired Ran IMP 7.22	9
841010	07	024735 LPRM 04-21A	OPS	Unknown	Spiked Upscale	Ran IMP 7.22 & T.D.R	9
841017	07	037207 A IRM	OPS	Inst. Drift	125 Meter Only Goes to 117	Adjusted IRM Drawer per IMP 7.3	4
841005	07	028532 INDEXERS	I&C	Normal Maint.	Replace Indexers W/Rebuilt	Checked and Install Indexers	23

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

MAINTENANCE SUMMARY

OCTOBER, 1984

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
841023	07	023086 IRM-A	I&C	Many Problems in The Drawer	Reading Different Than Others	Replace IRM "A" With New Unit See WRED 00/026469	60
841023	07	023048 NM-113	I&C	Age	Check Operation	Replaced Tip Purge Valve	32
841014	10	023305 10-LS-105B	OPS	Changing Light Bulbs W/O Isolt	Has Burned Out XFMR or Circuit	Replaced CTRL Box & CTRL Board	70
841017	10	027188 LS-103	OPS	Instrument Drift	Did Not Indicate Dry	Adjusted Gain	6
841023	12	036247 TS-139	OPS	N/A-Tech Spec Change	Change Set Pt. Of Temp. Switch	Performed ISP-9	6
841025	16	037229 POINT MI01	OPS	Bad Relay Card	Conflicts W/ Other Indications	Replaced Relay Card	24
841024	16	037305 X-104D	OPS	Slow Leak	X-104 Requires Recharging	Recharged to 30 PSIA	1.5
841028	17	034160 RM-150B	OPS	Meter Not Adjusted	Reading To Low, Failed F-ST-11	Adjusted Zero On Meter	9
841014	17	037243 RIS-456B	OPS	Bad Switch	Rad Monitor Response Erratic	Replaced Defective Switch	30
841004	23	024004 FIC-108	OPS	Instrument Not Equalized	Indicates Flow W/ HPCI Off	Equalized Instrument	2
841005	23	023080 PI-96	OPS	Transmitter Installed Below Vlv	Re-Orient Test Drain Valve	Rerouted Piping As Instructed	4
841024	23	037237 LS-90	OPS	Loose Screws	LS Does Not Shut 23-AOV-53	Tighten Switch Screws That Hold Micro	3

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
10/8	02	37338 RV 71E	OPS	Pilot Seat Leak	Replaced pilot assembly	24
9/16	00	27052 Snubbers	N/A	No malfunction	Visual snubber inspection	22
9/14	10	25474 Snubber 10-15A- S-306	Visual	Low fluid level	Replaced snubber	1
10/2	02	25481 Snubber 02-2-2B- S-8	Visual	Fluid drained out while removing for other work	Refilled and function tested	4
10/2	02	25479 02-2-2B- S-8	Visual	Damaged while removing for other work	Replaced snubber	4

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
10/3	00	25475 Various snubbers	Visual	Loose parts	Tightened paddles, jam nuts and pipe clamps	12
10/9	93	25359 EDG C	N/A	N/A	Modified generator heaters and air baffle	90
10/7	93	26784 Bkr. 10512	OPS	Broken fuse block	Replaced fuse block	1
10/7	93	31596 C-EDG	Visual	Flexible conduit torn	Replaced conduit	6
9/23	03	23421 CRD-26- 23	OPS	Faulty position indication probe	Replaced probe	10
9/21	13	21168 MOV-15	N/A	N/A	Replaced motor torque and limit switches for environ- mental qualification	40
9/16	23	23919 MOV-58	OPS	Misadjusted contac- tor interlock	Replaced torque and limit switches, adjusted contactor interlock	62

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
10/11	02	31180 RV-71C		Hi Temperature - leaking pilot	Replaced pilot	84
10/9	24	37342 EOD1	OPS	Bent linkage	Straightened linkage	15
10/9	93	25360 EDG A	N/A	N/A	Modify generator heaters and air baffle	90
10/7	71	34149 ICB-2	OPS	Dirty actuator	Cleaned	14
10/8	71	22602 10550 Breaker	OPS	Broken light socket	Replaced socket	2
10/8	71	24560 10530 Breaker	OPS	Broken fuse block	Replaced fuse block	1
10/17	15	37335 MOV-102	OPS	Sheared key	Replaced key	2
10/22	15	37177 SOV-215	OPS	Misadjusted limit switch	Readjusted limit switch	2

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
10/18	14	37197 MOV-11A	OPS	Worn motor pinion and key	Replaced motor pinion and key	42
10/17	71	22655 BAT 3B	Visual	Warped cell cover	Jumpered cell	2
10/19	03	22587 CRD 2972	N.D.E.	Cracked collet housing	Discarded flange/collet housing assembly	30
10/18	03	22590 CRD 3210	N.D.E.	Cracked collet housing	Discarded flange/collet housing assembly	30
10/16	03	22588 CRD 3743	N.D.E.	Cracked collet housing	Discarded flange/collet housing assembly	30
10/18	03	22591 CRD 3736	N.D.E.	Cracked collet housing	Discarded flange/collet housing assembly	30

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
10/17	14	37198 MOV-5A	OPS	Loose seats	Tightened seats	8
10/24	23	37226 HPI-711	Visual	Damaged pipe threads	Chased threads	1
10/24	23	25497 BJ2 COM	Visual	Nicked wire insula- tion	Taped wire	2
10/24	23	37191 AOV-42 AOV-43	OPS	Position indicating switches misadjusted	Adjusted P.I. switches	4
10/17	23	29624 AOV-53	OPS	Position indicating switches misadjusted	Adjusted P.I. switches	13
10/29	23	22639 MOV-15	Visual	Leaking pressure seal	Replaced pressure seal	298
11/2	23	22656 P-140	OPS	Seized motor bearing	Replaced bearings	52

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
10/25	10	37317 MOV-27A	Visual	Worn packing	Adjusted packing	6
10/23	10	25496 MOV-32	OPS	Insufficient spring tension	Replaced limiter torque limit switch assembly	12
10/23	13 23	36260 13 HOV-1 23 HOV-1	N/A	No malfunction	Replaced limit switches per Modification M1-84-014	169
10/22	13	29029 HOV-2	OPS	Misadjusted limit switch	Adjusted limit switch	2
11/5	13	34244 MOV-131	OPS	Limiter torque motor shorted	Replaced motor	22

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
11/3	23	34212 TU-2	S.T.	Erratic overspeed trip-chipped tappet	Replaced tappet, pin weight and spring	116
10/25	29	37314 ADV-80C	Visual	Worn packing	Adjusted	2
10/25	29	37315 ADV-80D	Visual	Worn packing	Adjusted	2
10/26	46	37275 ESW 16B	LLRT	Seat leakage	Lapped seat and disc	20
10/12	46	25433	N/A	No malfunction	Disassembled to provide temporary dry well cooling. Reassembled	3

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

Harold A. Glovier
Resident Manager



**New York Power
Authority**

November 8, 1984
JAFF 84-1040

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 October, 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.

HAROLD A. GLOVIER

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HAG:JPC:mac

cc: Internal Distribution

Enclosures

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