

# OPERATING DATA REPORT

DOCKET NO. 50-333

DATE JUNE 1985

COMPLETED BY J. Cook

TELEPHONE (315)342-3840

## OPERATING STATUS

1. Unit Name: FtizPatrick
2. Reporting Period: 850501 - 850531
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 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	743	3623	86304
12. Number Of Hours Reactor Was Critical	66.9	1163.7	60779.7
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0	1096.8	59044.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	960	2559792	125495746
17. Gross Electrical Energy Generated (MWH)	0	873930	431542210
18. Net Electrical Energy Generated (MWH)	0	845655	41243660
19. Unit Service Factor	0	30.3%	68.4%
20. Unit Availability Factor	0	30.3%	68.4%
21. Unit Capacity Factor (Using MDC Net)	0	28.8%	62.0%
22. Unit Capacity Factor (Using DER Net)	0	28.4%	58.2%
23. Unit Forced Outage Rate	0	0	13.3%

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: June 1, 1985

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

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

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

8506180319 850531  
PDR ADOCK 05000333  
R PDR

IE24 1/1

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333

UNIT FitzPatrick

DATE June 1985

COMPLETED BY J. Cook

TELEPHONE (315) 342-3840

MONTH May 1985

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	-
2	-
3	-
4	-
5	-
6	-
7	-
8	-
9	-
10	-
11	-
12	-
13	-
14	-
15	-
16	-

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	-
18	-
19	-
20	-
21	-
22	-
23	-
24	-
25	-
26	-
27	-
28	-
29	-
30	-
31	-

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

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY 1985DOCKET NO. 50-333UNIT NAME FitzPatrickDATE June 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	743	C	3	85-006	TB	N/A	Shutdown for refueling (cumulative hours 2526.2)

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

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

REFUELING INFORMATION

1. The date of the next scheduled refueling outage is October, 19 86.
2. The scheduled date for restart following refueling is June, 19 85.
3. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

YES x If yes, describe in general what these will be and go to question 5.

New Maximum Average Planar Linear Heat Generation Rate and new Minimum Critical Power Ratio Limits

NO      If no, answer question 4.

4. ANSWER ONLY IF ANSWER TO 3. ABOVE IS NO.

Has the reload fuel design and core configuration been reviewed by the Plant Safety Review committee to determine whether any unreviewed safety questions are associated with the core reload (Ref. 10 CFR Section 50.59)?

YES     

NO      The next scheduled review date is                                 , 19     .

5. ANSWER ONLY IF ANSWER TO 3. ABOVE IS YES.

The scheduled date for submitting proposed licensing action and supporting information is January, 19 85.

- | 6. Answer the following important licensing considerations              | YES         | NO          |
|---|-------------|-------------|
| a) New fuel design?   | <u>X</u>    | <u>    </u> |
| b) New fuel supplier?   | <u>    </u> | <u>X</u>    |
| c) Are there any new unreviewed design or performance analysis methods? | <u>    </u> | <u>X</u>    |
| d) Are there any new operating procedures?                              | <u>    </u> | <u>X</u>    |
| e) Other  | <u>    </u> | <u>    </u> |

Specify:   

7. There are normally 560 fuel assemblies in the core during operation, presently there are 560 in the core.
8. a) There are 1012 fuel assemblies of the licensed allowable 2244 in the spent fuel pool.  
b) An increase in the licensed storage capacity:

     is not being contemplated at this time.

X is not planned at this time for an additional      fuel assemblies.

     has been requested for an additional      fuel assemblies.

9. January, 19 90 is the last possible refueling date that can be projected at this time given the presently licensed spent fuel pool storage capacity.

## NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MAY 1985

The FitzPatrick plant remained shutdown for this reporting period. A reactor startup was commenced on May 28, 1985 for post outage testing with expected generator on line to be June 1, 1985.

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

## MAINTENANCE SUMMARY

MAY 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850517	02	036768 02-3-078G	OPS	POSSIBLY LEAK TESTING	PEGGED HI	USE IMP-2-3.1 TO CHECK CALIBRATION	6.0
850502	02	038671 DPT-119A	I&C	N/A	SIDE COVER THREADS ARE ROUGH	CHASED THREADS WITH THREAD CHASER	2
850527	02	039588 VMC-71A	OPS	WIRING ERROR DURING MOD	PRE-AMP BIAS WON'T ADJUST	WIRING CORRECTED TO PRINTS	2.5
850527	02	039588 VMC-71B	OPS	WIRING ERROR DURING MOD	PRE-AMP BIAS WON'T ADJUST	WIRING CORRECTED TO PRINTS	2.5
850527	02	039588 VMC-71C	OPS	WIRING ERROR DURING MOD	PRE-AMP BIAS WON'T ADJUST	WIRING CORRECTED TO PRINTS	2.5
850524	02	023246 VMC-71F/G	JIC	ACOUSTIC DETECTORS FAILED	CHANNELS FAILED F-ISP-92-1	ELECTRICIANS REPLACED DETECTORS	6
850523	02	039562 2A-K5A/B	OPS	TIMERS DRIFTED	TIMERS OUT OF ADJUSTMENT	RE-ADJUSTED FOR CORRECT TIME	2
850504	02-3	033868 PI-60A/B	OPS	N/A	REPLACE GAUGES W/O-3000 GAUGES	CALIBRATE CAUGE AND INSTALLED ON TEST VALVES	8

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

## MAINTENANCE SUMMARY

MAY 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850504	02-3	036654 MTU-234B	I&C	UNKNOWN	CARD CAUSING OUT OF FILE ALARM	PERFORMED IMP T-13, INSTALLED	12
850506	02-3	036683 TR-89	OPS	PRINTER AND PT ASSEMBLY OUT OF	NOT PRINTING/PT ID OUT OF SYNC	ADJUSTED PRINTER AND PT ASSEMBLY	21.5
850502	02-3	038670 PT-52D	I&C	LOOSE LOCK-NUT ON TRANSMITTER HEAD	HEAD (ELECTRONIC) IS LOOSE	TIGHTENED LOCK-NUT	4
850510	02-3	032661 TE-66A1,B1	JIC	N/A	CHECK OPERATION OF TE	NONE CHECKED OK	10
850510	02-3	032661 TE-66A2,B2	JIC	N/A	CHECK OPERATION OF TE	REPLACED "A" SECTIONS OF BOTH	50
850528	02-3	032689 LI-94B	JIC	EVAPORATION OF REFERENCE LEG	B LEVEL INDICATES HIGH	BACK FILLED LEG	8
850526	02-3	032687 STU-253C	JIC	NOT DETERMINED AT THIS TIME	TRIP UNIT FAILED TO TRIP	REPLACED TRIP UNIT	3
850518	02-3	023236 LIS-101B	JIC	VALVES INACCESSABLE	EXTEND VENT VALVES	EXTENDED VALVES	8



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

## MAINTENANCE SUMMARY

MAY 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850531	02-3	<u>039616</u> LT-85B	OPS	DAMAGED SEAT	LEAKY VENT VALVE	REPLACED VALVE	10
850516	03	<u>036805</u> K41	OPS	N/A	REPLACE K41 IN CABINET 9-28	REPLACED K41 IN PANEL 9-28	4
850520	03	<u>039531</u> 14-39 LITE	OPS	LIGHT BLOWN	MOD LIGHT FOR ROD DISPLAY	REPLACED MOD LIGHT	3
850518	03	<u>036813</u> P.B. 46-43	OPS	COLD SOLDER JOINT ON PUSH BUTTON	ROD 46-23 WON'T SELECT	RESOLDERED CONNECTION	2
850528	03	<u>039597</u> 38-07	OPS	FAILED MODULE	FULL OUT INDICATION INOPERABLE	REPLACED FULL OUT MODULE	2
850527	03	<u>039587</u> HCU-14-43	OPS	DRIED OUT PIPE DOPE/O RING	NITROGEN LEAK AT PI ON HCU	REPLACED O RING/ CLEANED FITTINGS	14
850514	03-800	<u>034645</u> CR SEL MTX	OPS	SWITCH WORN	CR SELECT PUSH- BUTTON NOT WORK	REPLACED SWITCH, CHECKED OK	2
850513	03-800	<u>034513</u> CR SEL MTX	OPS	SWITCH WORN	CR SELECT PUSH- BUTTON NOT WORK	REPLACED SWITCH, CHECKED OK	2



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

## MAINTENANCE SUMMARY

MAY 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850501	06	038679 LT-52B	I&C	BAD TRANSMITTER	POWER SUPPLY FUSE BLOWS	DISMOUNTED AND REPLACED TRANSMITTER	10
850517	06	034278 PR/FR-98	OPS	GEARS AND BUSHINGS BOUND UP	CHART DOES NOT ADVANCE	CLEANED AND LUBRICATED	28
850506	07	027895 NM-41A	OPS	BAD DETECTOR AND GEAR BOX	SPIKING ERRATICALLY DURING START	REPALCED DETECTOR AND GEAR BOX	140
850506	07	036678 NM-31C	OPS	DIRTY CONTACTS	WILL NOT DRIVE	CLEANED CONTACTS ON K9C and K2	6
850507	07	033778 SRM B	OPS	DRIFT	CR IND. AND SRM IND. READS DIFF.	PERFORMED STEPS 5.15 OF IMP-7.1	4
850520	07	036887 APRM A	OPS	ADJ PER OPS FOR LPRM REPLACEMENT	COUNT CIRCUIT NOT AT SETPOINT	RE-SET SET POINT	1.5
850420	07	033775 APRM D	OPS	DRIFT	COUNT CIRCUIT READS LOW	ADJUSTED FOR PROPER OUTPUT	2
850520	07	033793 APRM F	OPS	SET PER OPS FOR LPRM REPLACEMENT	COUNT CIRCUIT SET LOW	RE-SET TO NORMAL VALUE	2.5

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

## MAINTENANCE SUMMARY

MAY 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850516	07	034620 LPRM 12-13	OPS	AGE	FAILED DETECTORS IN STRING	REPLACED LPRM STRING	44
850516	07	034622 LPRM 36-05	OPS	AGE	FAILED DETECTORS IN STRING	REPLACED LPRM STRING	41.5
850516	07	034623 LPRM 36-21	OPS	AGE	FAILED DETECTORS IN STRING	REPLACED LPRM STRING	61.5
850516	07	034624 LPRM 20-29	OPS	AGE	FAILED DETECTORS IN STRING	REPLACED LPRM STRING	56.5
850516	07	034621 LPRM 20-45	OPS	AGE	FAILED DETECTORS IN STRING	REPLACED LPRM STRING	41.5
850528	07	036831 PR-46D	OPS	SERVO MOTOR BOUND UP	BLACK PEN IS DRIFTING	CLEANED/LUBRICATED MOTOR	10
850509	07	038673 DRY TUBES	JIC	NEUTRON EMBRITTLEMENT	IRM E,H,G,D/SRM C CRACKED TUBE	REPLACED DRY TUBES	680
850525	07	039581 D TIP BVLV	OPS	BURNED OUT BULB	D TIP BALL VALVE	REPLACED BULB AND FUSE	12

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## MAINTENANCE SUMMARY

MAY 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850523	07	023028 TIP TUBING	JIC	ROUTINE MAINTENANCE	REMOVE AND REPLACE TUBINE	REPLACED AS REQUIRED	239
850526	07	123244 IRM H	JIC	LOSS OF GROUND TO PRE-AMP	IRM H IS READING HIGH	GROUNDING PRE-AMP PROPERLY	20
850522	07	238668 SRM B	JIC	SRM DRIVEN INTO PLATFORM	INSPECT/REPAIR CABLE CONNECTOR	ADDED EXTRA CABLE GUARD	20
850523	07	035556 C TIP BVLV	OPS	SEAT WEAR	BALL VALVE LEAKED DURING LLRT	REPLACED BALL VALVE	18
850523	07	036804 SRM D	OPS	LOOSE CONNECTOR AT PRE-AMP	SRM SPIKING UPSCALE	REPAIRED CONNECTOR	20
850523	07	038669 SRM D	JIC	DRIVEN INTO PLATFORM	INSPECT UNDER VESSEL CABLES	TIGHTENED CONNECTOR	20
850506	09	032680 09-96-23	I&C	BAD CONTACTS ON BOARD CONNECTOR	WILL NOT LATCH LED WHEN TRIPED	FIXED CONTACTS	6
850503	09	036657 PNL 9-95	JIC	NOT DETERMINED AT THIS TIME	Z1 CALIBRATOR IS INOPERABLE	REPLACED CALIBRATION UNIT	2

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

## MAINTENANCE SUMMARY

MAY 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850521	09	032684 CAL UNIT	JIC	UNDETERMINED AT THIS TIME	9-93 Z1 CALIBRATION UNIT HAS NO STOP	REPLACED CALIBRATION UNIT	2
850503	10	034301 TE-104A	I&C	INSTRUMENT MODULE FAULTY	SENDS SPURIOUS ALARMS TO APP#2	REPLACED WITH NEW THERMOCOUPLE	14
850521	10	036839 LS-102	OPS	OUT OF ADJUSTMENT	SWITCH INDICATING IMPROPERLY	MADE GAIN ADJUSTMENT	6
850521	10	036837 LS-100	OPS	OUT OF ADJUSTMENT	SWITCH INDICATING IMPROPERLY	MADE GAIN ADJUSTMENT	6
850521	10	036838 LS-104	OPS	FOUND BAD RELAY IN CIRCUITRY	SWITCH INDICATING IMPROPERLY	REPLACED RELAY	6
850523	10	029192 LS-100	JIC	DCAR 84-146	INSPECT WIRING IN SWITCHES	INSPECTED SATISFACTORILY	1
850523	10	029192 LS-101	JIC	DCAR 84-146	INSPECT WIRING IN SWITCHES	INSPECTED SATISFACTORILY	1
850523	10	029192 LS-102	JIC	DCAR 84-146	INSPECT WIRING IN SWITCHES	INSPECTED SATISFACTORILY	1

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

## MAINTENANCE SUMMARY

MAY 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850523	10	029192 LS-103	JIC	DCAR 84-146	INSPECT WIRING IN SWITCHES	ROTATED 90 DEGREES	1
850523	10	029192 LS-105A	JIC	DCAR 84-146	INSPECT WIRING IN SWITCHES	ROTATED 90 DEGREES	1
850523	10	029192 LS-105B	JIC	DCAR 84-146	INSPECT WIRING IN SWITCHES	ROTATED 90 DEGREES	1
850523	10	029192 LS-104B	JIC	DCAR 84-146	INSPECT WIRING IN SWITCHES	INSPECTED SATISFACTORILY	1
850523	10	029192 LS-104A	JIC	DCAR 84-146	INSPECT WIRING IN SWITCHES	INSPECTED SATISFACTORILY	1
850520	13	036711 AK33	OPS	WIRING ERROR IN 09-21 PANEL	UNABLE TO RESET RCIC ISOLATION	CORRECTED ERROR	36
850530	13	039412 RCIC GOV.	OPS	MECHANICAL	GOVERNOR FAILED TO TAKE CONTROL	ELECTRONICS SAT/SENT WR TO MAINTENANCE	3
850528	13	039650 TS-1	OPS	SWITCH OUT OF ADJUSTMENT	HIGH TEMP ALARM AT NORM TEMP	CALIBRATED SWITCH	8

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

## MAINTENANCE SUMMARY

MAY 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850528	13	039401 2F-K1B	OPS	RELAY COIL WIRE LANDED WRONG	PWR SUPPLY FAILURE ALARM ON	LANDED LEAD PER MOD F1-82-053	2
850524	13	023245 EGR	JIC	DAMAGED DURING TURBINE MAINT.	CONNECTOR TO EGR IS BROKEN	REPLACED CONNECTOR	3
850524	13	023240 SPEED P/UP	JIC	DAMAGED DURING TURBINE MAINT.	BROKEN WIRES AT PICK UP	REPAIRED WIRES	7
850521	13	023189 HFA RELAYS	JIC	MOD F1-84-080	REPLACE RELAYS	REPLACED/TESTED RELAYS	130
850512	14	036718 PS-47A	OPS	BROKEN WIRE ON TERNIMAL A	HI PRESS LEAK ALARM NOT ANNUNCIATING	REPAIRED WIRE/RAN IMP-14.1, OK	6.0
850318	16	034648 GRAPH DISP	OPS	BREAKER FOR POWER OPEN	IND ON GRAPHIC DISPLAY INOP	NONE TAG 85-0162 VALID	6
850510	16-1	033718 101 & 117	OPS	N/A	CALIB RTD's IN ACCORD W/PRE-OP	COMLT 16-1-RTC-101-112 117-120	80
850518	16-1	032683 RTD-103	JIC	LEADS SHORTED IN CONNECTION BOX	RTD INDICATES A NEGATIVE TEMP	REPAIRED SHORT	6



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

## MAINTENANCE SUMMARY

MAY 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850520	17	036853 RM-050A	OPS	BLACK PEN OUT OF CALIBRATION	GREATER THAN 10% DIFF BETWEEN MONITOR & RECORD	CALIBRATED	3
850527	17	036846 RM-150B	OPS	LOOSE PEN ON REC OUT OF ADJUSTMENT	FAILED F-ST-11	REPAIRED/CALIBRATED	15
850523	17	036852 RM-050B	OPS	VOLTAGE REGULATOR SHORTED	METER IS DOWNSCALE	REPLACED REGULATOR	6
850502	23	029106 23A-K119B	I&C	BAD RELAY, SOCKET AND DIODE	COIL APPEARS OPEN	REPLACED: RELAY, SOCKET, DIODE	22
850521	23	035588 HFA RELAYS	JIC	MOD F1-84-080	REPLACE RELAYS	REPLACED/TESTED RELAYS	150
850526	27	035192 PCR-101A/B	JTS	NEW INSTALLATION MOD F1-84-003	CALIBRATE RECPRDERS	CALIBRATED RECORDERS	20
850527	27	036324 E/P-103A/B	JTS	MOD F1-84-024	PERFORM LOOP CHECK	LOOP CHECKED	24
850522	29	039563 AOV-86A/D	OPS	NEW MODULE NEEDED ADJUSTMENT	SLOW CLOSURE TOO SLOW	ADJUSTED AS REQUIRED	4



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

## MAINTENANCE SUMMARY

MAY 1985

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
850522	29	036848 AOV-80C	OPS	OUT OF ADJUSTMENT	FAST CLOSURE TOO SLOW	ADJUSTED SPEED AS REQUIRED	1
850520	30-1	040877 11	OPS	DROPPED	NEEDS NEW PROBE & CHAMBER CAL ROOM	REPLACED CHAMBER AND METER	6
850503	66	033860 RELAY 62C	OPS	SCREWS LOOSE ON RELAY	CHECK OPERATION OF RELAY	TIGHTENED SCREWS ON RELAY	6
850503	71	023195 10042 BRKR	I&C	FAULTY K4 RELAY ON TC-778 BOARD	REMOVE RELAY AND TROUBLESHOOT	REPLACED RELAY AND TESTED OK	16
850501	76	025075 DOOR 204	SEC	BAD MAGNET SUPPORT SCREWS	AIR LOCK DOOR IN REACTOR BUILDING	REPLACED SCREWS IN MAGNET SUPT	4
850531	76	033825 ZONE 41	OPS	FAILED EXTENDER MODULE	SPURIOUS SUPERVISORY ALARMS	REPLACED TRANSMITTER EXTENDER	8

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

DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
3/8	10	35560 MOV-26A	LLRT	Seat Leak	Lapped seat and disc.	142
3/1	10	36872 MOV-17	OPS	Faulty torque switch	Replaced torque switch.	6
2/23	02	35409 RWR-13A	LLRT	Seat Leak	Lapped seat and disc. Replaced spring.	25
4/30	03	33782 HCU 38-27	OPS	Packing Leak on III valve	Repacked III valve.	1
4/30	03	36660 HCU 22-23	OPS	Packing Leak on III valve	Repacked III valve.	1
4/30	03	36661 HCU 26-27	OPS	Packing Leak on III valve	Repacked III valve.	1
5/7	03	22603 CRD-14-27, 22-07, 14-19, 46-35, 38-35, 18-35	Hydro	O-ring Leak	Re-torqued.	2
4/19	02	35412 RWR-14B	LLRT	Seat Leak	Replaced valve.	120
5/5	23	33893 HPI-12	LLRT	Seat Leak	Lapped seat and disc	159
3/8	23	35418 HPI-11	LLRT	Body to bonnet leak	Replaced bonnet gasket; cleaned internals.	60
5/5	20	36234 AOV-83	N/A	No Malfunction	Replaced solenoid and position indication switches per M1-84-098.	26
4/17	20	36235 AOV-95	N/A	No Malfunction	Replaced solenoid and position indication switches per M1-84-098.	20

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

DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
5/2	14	33443 AOV-13B	OPS	Leaking solenoid valve	Replaced solenoid.	6.5
5/1	13	21103 RCI-703 & 704	OPS	Loose Packing	Adjusted packing.	2
3/12	13	35408 MOV-15	LLRT	Body to Bonnet Leakage	Lapped seat and disc; repaired steam, cut in bonnet, repacked.	337
5/9	10	34252 RHR-756A	OPS	Broken Stem	Replaced stem.	4
5/8	10	27108 AOV-68B	OPS	Leaking Solenoid Valve	Replaced solenoid.	13
5/1	93	27123 EDG-B	N/A	No Malfunction	Preventive Maintenance.	704
5/1	93	27124 EDG-D	N/A	No Malfunction	Preventive Maintenance.	721
5/2	93	35428 EDG-A,B,C & D	OPS	Loose Fittings	Repaired air leaks.	271
4/25	29	38665 MST-1002B	Pressure Test	Seat Leak	Replaced valve.	10
4/25	29	38666 MST-1002C	Pressure Test	Seat Leak	Replaced valve.	10
3/26	27	35421 AOV-131A	LLRT	Seat Leak	Replaced internals.	30
5/8	27	35575 SOV-125B	LLRT	Seat Leak	Replaced valve.	74

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DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
5/22	23	35416 MOV-59	LIPT	Packing Leak	Repacked, repaired operator.	126
5/4	23	35417 HPI-65	LIPT	Seat Leak	Ground seat and disc.	245
5/2	10 & 27	25428 10SV-74A & B 27SV-113	N/A	No Malfunction	Replaced carbon steel cotter pin with stainless steel cotter pin per NRC I.E. 84-33	12
5/5	46	35574 ESW-16A	LIPT	Seat Leak	Lapped disc and seat.	19
3/28	46	35484 P-2A	OPS	Unreliable E.C. Devices	Replaced E.C. devices.	13
3/6	46	23875 ESW-16B	N/A	No Malfunction	Disassembled and reassembled for temporary d.w. cooling.	4
5/2	71	22696 Circuit Bkrs: 12510 & 12610	OPS	Unreliable E.C. Devices	Replaced E.C. devices with solid state devices per F1-85-033.	44
4/29	71	22698 SB-1A & 1B	Visual	Maintenance in Area	Cleaned batteries.	20
5/2	71	21079 IBC-3 & 4	N/A	No Malfunction	Provide temporary power during bus maintenance.	2
5/7	29	22504 MOV-102	Visual	Loose Packing	Adjusted packing.	2
5/3	93	27133 EDG-D	Visual	Vibration	Installed new brushes and tightened holders.	2

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5/13	15	22704 MOV-103	OPS	Overtorqued using handwheel	Replaced broken drive sleeve cap.	8
5/13	71	22705 INV-3A	Alarm	Dirt in fan motor bearings	Lubricated fans.	46
5/13	10	28616 MOV-25A	OPS	Loose Limitorque mounting bolts	Torqued bolts.	8
5/13	10	35493 P-1C	OPS	Oil Contaminated with Water	Replaced oil.	24
5/8	29	23882 AOV-80D	Visual	Packing Leak	Adjusted packing	2
5/13	29	23883 AOV-80C	Visual	Packing Leak	Repacked valve.	16
5/11	27	36774 AOV-118	OPS	No Position Indication	Installed new position indicator.	2
5/11	29	22619 AOV-80A & B	Visual	Packing Leaks	Adjusted packing.	2
5/10	10	34251 RHR-755A	Visual	Packing Leaks	Replaced stem and bonnet.	3
5/9	34	35562 NRV-111B	LIRT	Seat Leak	Replaced valve seat.	951
5/13	23	36669 MOV-58	Testing	Motor Failure	Replaced motor.	40
5/14	29	37322 MOV-102	Hydro	Packing Leak	Packing adjustment.	3

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5/14	12	22703 MOV-80	OPS	Drive Sleeve Gear Failure	Repaired Limitorque.	76
5/17	10	23885 P-1C	OPS	Bent Impeller Shaft	Repaired shaft.	228
5/17	76	35518 P-2	OPS	Packing Leak	Repacked pump.	48
5/17	12	22606 MOV-15	Hydro	Packing Leak	Adjusted packing.	2
5/17	10	23886 AOV-68A	Hydro	Gasket Leak	Replaced gasket.	108
5/17	27	33760 AOV-116	OPS	Limit Switch Failure	Replaced limit switch.	30
5/17	71	22707 10650	OPS	Breaker Will Not Charge	Lubricated latch monitor switch.	4
5/17	10	36783 MOV-89B	OPS	Torque Switch Setting	Adjusted torque switch.	5
5/17	10	23231 RHR-664 & 665	OPS	Seat Leaks	Repaired valve seats.	16
5/18	76	37393 FPS-52	OPS	Gasket Leak	Replaced gasket.	8
5/17	71	21153 IB-1,2,3, 4	Testing	Old Age	Replaced instrument batteries.	90
5/21	10	36820 MOV-13A & C	OPS	Torque Switch	Reset torque switch.	4

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5/20	76	33761 SD-41	OPS	Burned out light bulb	Replaced light bulb.	2
5/20	76	33763 SD-51	OPS	Burned out light bulb	Replaced light bulb.	2
5/20	02	23889 MOV-54B	Hydro	Worn Packing	Replaced valve.	1
5/20	03	36885 HCU 14-43	OPS	Seat Leak	Replaced HCU-111 Valve.	1
5/24	03	39627 HCU 30-31	OPS	Worn Seat	Replace 120 Valve.	6
5/24	27	39564 AOV-127B	OPS	Valve Will Not Operate	Repaired valve.	24
5/23	02	36788 AOV-17	OPS	Seat Leak	Repaired valve.	48
5/23	02	36716 AOV-18	OPS	Seat Leak	Repaired valve.	48
5/22	03	36840 CRD-26-23	OPS	Failed read switches	Replaced PI rod.	2
5/22	07	23238 NM-82B	OPS	Switch	Replaced switch.	6
5/22	29	36792 AOV-80C	OPS	Oil Leak	Repaired leak.	70
5/21	27	36808 AOV-116	OPS	Broken Shear Pin	Replaced shear pin.	16
5/21	76	34089 P-3	OPS	Packing Leak	Replaced packing.	12



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**New York Power  
Authority**

Harold A. Glovier  
Resident Manager

June 10, 1985  
JAFP 85- 0497

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 May, 1985. Refueling information has been updated and is attached to this transmittal.

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

*by dir. R. Glovier*  
HAROLD A. GLOVIER

*JPC*  
HAG:JPC:mac  
Enclosures

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