

JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
OPERATING DATA REPORT

DOCKET NO.	50-333
UNIT NAME	FITZPATRICK
DATE	JUNE 1986
COMPLETED BY	JOHN COOK
TELEPHONE	(315)342-3840

OPERATING STATUS

- |  |              |
|--|--------------|
| <p>1. UNIT NAME: <u>FITZPATRICK</u></p> <p>2. REPORTING PERIOD: <u>860501-860531</u></p> <p>3. LICENSED THERMAL POWER (MWT): <u>2436</u></p> <p>4. NAMEPLATE RATING (GROSS MWE): <u>883</u></p> <p>5. DESIGN ELECTRICAL RATING (NET MWE): <u>816</u></p> <p>6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): <u>823</u></p> <p>7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): <u>796</u></p> <p>8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 - 7) SINCE LAST REPORT, GIVE REASONS:<br/><u>NONE</u></p> <p>9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): <u>NONE</u></p> <p>10. REASONS FOR RESTRICTIONS, IF ANY: _____</p> | <p>NOTES</p> |
|--|--------------|

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	744	3623	95064
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	692.7	3217.2	68632.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0	0	0
14. HOURS GENERATOR ON-LINE:	671.3	3105.6	66631.7
15. UNIT RESERVE SHUTDOWN HOURS:	0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH):	1575048	7342488	143056162
17. GROSS ELECTRICAL ENERGY GENERATED (MWH):	535350	2503670	49096880
18. NET ELECTRICAL ENERGY GENERATED (MWH):	517325	2418515	46983040
19. UNIT SERVICE FACTOR:	90.2	85.7	70.1
20. UNIT AVAILABILITY FACTOR:	90.2	85.7	70.1
21. UNIT CAPACITY FACTOR (USING MDC NET):	87.4	83.9	63.9
22. UNIT CAPACITY FACTOR (USING DER NET):	85.2	81.8	60.6
23. UNIT FORCED OUTAGE RATE:	9.8	3.3	12.8

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):  
Planned maintenance outage lasting approximately 10 days to commence late  
September 1986

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	_____	_____

JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333  
UNIT FITZPATRICK  
DATE JUNE 1986  
COMPLETED BY JOHN COOK  
TELEPHONE (315)342-3840

MONTH MAY 1986

DAY	AVERAGE DAILY POWER LEVEL
1	806
2	803
3	806
4	806
5	807
6	806
7	804
8	806
9	805
10	696
11	792
12	805
13	806
14	806
15	438
16	0

DAY	AVERAGE DAILY POWER LEVEL
17	0
18	12
19	497
20	663
21	767
22	803
23	803
24	804
25	805
26	804
27	802
28	802
29	802
30	799
31	802

SUMMARY: The FitzPatrick plant operated at near full thermal power for this reporting period with one outage to repair a Reactor Recirculation valve.

JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY 1986

DOCKET NO. 50-333  
UNIT NAME FITZPATRICK  
DATE JUNE 1986  
COMPLETED BY JOHN COOK  
TELEPHONE (315)342-3840

NO.	DATE	TYPE	D U H R O A U T R I S T I O N	R E A S O N	METHOD OF SHUTTING DOWN THE REACTOR	LICENSEE EVENT REPORT	S Y C S O T D E E M	C O M C P O D N E N T	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
3	860515	F	72.7	H	1		AD	20	SHUTDOWN TO INVESTIGATE INABILITY TO CLOSE RECIRC BYPASS VALVE, CORRECTED PROBLEM AND RETURNED TO SERVICE.

1  
F: FORCED  
S: SCHEDULED

2  
REASON:  
A. EQUIPMENT FAILURE (EXPLAIN)  
B. MAINTENANCE OR TEST  
C. REFUELING  
D. REGULATORY RESTRICTION  
E. OPERATOR TRAINING AND 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)



## NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MAY 1986

The FitzPatrick plant operated at near full thermal power until the 15th day of the reporting period. At that time the unit was shut down to investigate the inability to operate a recirculation pump discharge bypass valve. Thermal growth had caused a unistrut to interfere with valve operations. The unistrut was relocated and the plant returned to service.

At the end of the reporting period the unit is operating at approximately 802 MWe.

NEW YORK POWER AUTHORITY  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
MAINTENANCE SUMMARY

MAY 1986

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
860517	00	043142 ATTS SYST	I&C	SUSPECTED XMTR DRIFT	XMTR'S AND TRIP UNITS OUT OF CAL	CALIBRATED PER ISP'S	35
860517	02	042802 AOV-17 & 18	OPS	VALVE LEAKS BY SEAT	VALVE STROKE NEEDS LENGTHENING	ADJUSTED LIMIT SWITCH; TIGHTEN COUPLING	7
860517	02	042192 FT-110 A-H	I&C	FLOW MIS-MATCH BETWEEN UNITS	CALIBRATE RECIRC FLOW TRANSMITTERS	ADJUSTED PER ISP-63-1	18
860501	02-3	032826 LT-57B	I&C	BAD TRANSMITTER	LOW LEVEL INDICATED FOR MTU	REPLACED TRANSMITTER; ISP-201B	25
860515	02-3	041598 PS-51C	I&C	ISOL. VALVE PACKING LOOSE	TEST/DRAIN VALVE LEAKS	TIGHT PACKING; REPLACE T/D VALVE	1
860515	02-3	043135 PS-51D	I&C	ISOL. VALVE PACKING LOOSE	TEST/DRAIN VALVE LEAKS	TIGHT PACKING; REPLACE T/D VALVE	1
860515	02-3	043140 PS-51 A/B	I&C	ISOL. VALVE PACKING LOOSE	TEST/DRAIN VALVE LEAKS	TIGHT PACKING; REPLACE T/D VALVE	1
860513	03	041625 CRD 18-31	OPS	BROKEN WIRE (#3 CONTACT N.O.)	SWITCH DOESN'T PICK UP	REPAIRED THE WIRE	8

NEW YORK POWER AUTHORITY  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
MAINTENANCE SUMMARY

MAY 1986

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
860515	07	041507 NM-131-4D	OPS	BAD COIL ON STEPPING SWITCH	TIP MACHINE DOES NOT SEE TOP	REPLACED SPARE TIP DRAWER	70
860515	07	041576 LPRM 12-45D	OPS	BAD LPRM CARD AND PS-7	INTERMITTENT DOWNSCALE READING	REPLACED CARD AND POWER SUPPLY	29
860509	10	041549 PI-130B	OPS	WEAR;DRIFT	GAUGE READS HIGH	REALIGNED NEEDLE; ADJUSTED ZERO	12
860508	10	042756 PI-131B	OPS	NEEDLE BENT	NEEDLE PEGGED DOWNSCALE	STRAIGHTENED NEEDLE; IMP-G1	1
860520	16	042845 TM-131	OPS	LOOSE INPUT BOARD	INDICATING LOW (ALSO NEG.)	REINSTALLED INPUT BOARD	8
860509	16-1	042758 DPR-200	OPS	WORN PINION AND BEARING ASSEMBLY	PRINT HEAD DRIVE BINDS UP	REPLACED ASSEMBLY; ISP-35	12
860422	17	041677 RM-53A	OPS	DRIFT	"A" GIVES SPURIOUS ALARMS	ALIGNED DETECTOR PREAMP; CALIBRATED	4
860513	20	032878 FT-364	I&C	AGE;WEAR	TEST VALVE LEAKS	REPLACED TEST VALVE	1



## MAY 1986

[illegible]

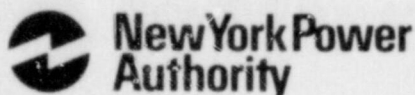
NEW YORK POWER AUTHORITY  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

MAY 1986

DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
5/2	10	41624 MOV-31B	OPS	Failed Gear Limit Switch	Replaced geared limit switch	15
5/15	29	31213 MOV-200B	PM	Arc across contact	Repaired contact.	9
5/15	02	42797 MOV-54B	OPS	Declutch lever engaged	Moved interference.	80
5/16	02	42803 1"-I-1504-12	OPS	Weld failure	Repaired weld.	10
5/22	02	42543 MOV-54B	OPS	Worn packing	Replaced packing.	90
5/19	03	42762 3A-S2	OPS	Broken stops on switch	Replaced switch.	4



James A. FitzPatrick  
Nuclear Power Plant  
TQRR Box 41  
AEC Building, New York 13093  
315 342-3840



Radford J. Converse  
Resident Manager

June 5, 1986  
JAAP-86-0492

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, 1986. 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.

A handwritten signature in cursive script, appearing to read 'R. Converse'.

RADFORD J. CONVERSE  
RESIDENT MANAGER

RJC:JPC:mac  
Enclosures

cc: Distribution

IE24  
1/1