

JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
OPERATING DATA REPORT

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

OPERATING STATUS

1.	UNIT NAME: FITZPATRICK	
2.	REPORTING PERIOD: 860101-860131	
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 - 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:	744	744	92185
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744	744	66159.6
13. REACTOR RESERVE SHUTDOWN HOURS:	0	0	0
14. HOURS GENERATOR ON-LINE:	744	744	64270.1
15. UNIT RESERVE SHUTDOWN HOURS:	0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH):	1795296	1795296	137508970
17. GROSS ELECTRICAL ENERGY GENERATED (MWH):	614280	614280	47207490
18. NET ELECTRICAL ENERGY GENERATED (MWH):	592860	592860	45157385
19. UNIT SERVICE FACTOR:	100	100	69.7
20. UNIT AVAILABILITY FACTOR:	100	100	69.7
21. UNIT CAPACITY FACTOR (USING MDC NET):	98.4	98.4	63.4
22. UNIT CAPACITY FACTOR (USING DER NET):	97.1	97.1	59.7
23. UNIT FORCED OUTAGE RATE:	0	0	13.1

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):  
Planned maintenance outage March 10, 1986, to last approximately 2 weeks

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	_____	_____

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

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

MONTH JANURARY 1986

DAY	AVERAGE DAILY POWER LEVEL
1	<u>805</u>
2	<u>805</u>
3	<u>804</u>
4	<u>805</u>
5	<u>805</u>
6	<u>805</u>
7	<u>805</u>
8	<u>805</u>
9	<u>804</u>
10	<u>805</u>
11	<u>801</u>
12	<u>804</u>
13	<u>804</u>
14	<u>804</u>
15	<u>805</u>
16	<u>805</u>

DAY	AVERAGE DAILY POWER LEVEL
17	<u>804</u>
18	<u>805</u>
19	<u>804</u>
20	<u>804</u>
21	<u>803</u>
22	<u>804</u>
23	<u>802</u>
24	<u>803</u>
25	<u>645</u>
26	<u>747</u>
27	<u>802</u>
28	<u>803</u>
29	<u>802</u>
30	<u>803</u>
31	<u>801</u>

SUMMARY: The FitzPatrick plant operated at near full thermal power for this entire reporting period.

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

REPORT MONTH JANURARY 1986

DOCKET NO. 50-333  
UNIT NAME FITZPATRICK  
DATE FEB 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 P O D N E N T	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
N O N E									

1  
F: FORCED  
S: SCHEDULED

2  
REASON:  
A. EQUIPMENT FAILURE (EXPLAIN)  
B. MAINTENANCE OF 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

JANUARY 1986

The FitzPatrick plant operated at near full thermal power for this entire reporting period.

At the end of the reporting period the unit is operating at approximately 801 MWe.



NEW YORK POWER AUTHORITY  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
MAINTENANCE SUMMARY  
JANUARY 1986

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
860109	02-3	038450 LR-98	OPS	SCREW WAS OFF	RELEASE LEVER FELL APART	REINSTALLED ASSEMBLY WITH SCREW	3
860109	02-3	040936 PS-51B,D	I&C	AGE	TEST VALVE LEAKS DURING ISP-70	TIGHTENED PACKING; REPLACED DRAIN VALVE	9
860117	07	039678 NM-81B	OPS	BAD SWITCH ON METER FUNCTION	"B" LPRM IMPROPER INDICATION	REPLACED SWITCH S2 AND CHECKED	20
860107	10	040970 LS-103	OPS	EXCESSIVE GAIN	DID NOT INDICATE DRY WHEN EMPTY	PERFORMED IMP-G30, ADJUSTED GAIN, TESTED	7
860122	14	039689 LS-208	OPS	GAIN OF SENSOR TOO LOW	FULL PIPE REGISTERS DRY	ADJUSTED GAIN OF SENSOR	6
860129	17	037958 RM-460	OPS	NORMAL OPERATION	FLOW CONT. VALVE GEAR DRIVE BROKEN	REALIGNED DRIVE GEAR; REPLACED HEX K	4
860129	17	037959 RM-462	OPS	OPEN WINDING IN MOTOR	VALVE GEAR DRIVE BROKEN	REPLACED MOTOR	16
860124	17	037073 RIS-456A	OPS	WIRES TO GAUGE DISCONNECTED	ALARM ON ALL THE TIME	REPAIRED AR-21; REPLACED FLOW CONTROL MOTOR	16

NEW YORK POWER AUTHORITY  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
MAINTENANCE SUMMARY  
JANUARY 1986

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
860126	17	038576 RIS-456A	OPS	DRIVE MOTOR FAILED	CHECK SOURCE NOT INSERTING	REPLACED SOURCE DRIVE ASSEMBLY	16
860110	27	038777 PCX-101B	I&C	WRONG MANUFACTURING DATA	02 CHANNEL OUT OF TOLERANCE	CHANGED CYCLE AND TEMPERATURE FACTORS	80
860111	27	038781 PCX-101A	I&C	WRONG MANUFACTURING DATA	WRONG TEMPERATURE CORRECTION FACTORS	USED NEW FACTORS AND CALIBRATED	6
860103	66	041063 ACU-2A	OPS	RESET TOO CLOSE TO SETPOINT	"A" REFRIGERATION UNIT SHORT CYCLING	ADJUSTED RESET	16
860115	76	040954 DG-272-8	OPS	BAD TRANSMITTER; DOOR STOP NOT RIGHT	CLOSED POSITION INDICATOR NOT PICK UP	REPLACED TRANSMITTER; ADJUSTED DOOR STOP	28

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

JANUARY 1986

DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
1/16	71	30727 C-163-0H2	PM	Failed contact resis- tance test.	Replaced circuit breaker.	12
1/16	71	30728 C-163-0C1	PM	Pitted main contactor.	Replaced main contactor.	1
1/16	71	30725 C-162-0G1	PM	Failed contact resis- tance test.	Replaced circuit breaker.	13.5
1/24	71	38792 PNS-055A	OPS	Failed valve position	Replaced valve position switch.	6
1/24	93	38461 WH-3D	OPS	Failed starter contactor.	Replaced contactor.	4
1/27	27	39717 PCV122B	OPS	Seat Leakage.	Replaced valve plug and seat.	48
1/20	76	39658 P-3	OPS	Packing leak.	Replaced pump.	16

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



Radford J. Converse  
Resident Manager

February 7, 1986  
JAFP 86- 0439

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 January 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

RJC:JPC:mac  
Enclosures

cc: Distribution

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