

DOCKET NO: 50-333
UNIT NAME FITZPATRICK
DATE APRIL 1988
COMPLETED BY JOHN COOK
TELEPHONE (315) 349-6569

OPERATING STATUS

1. UNIT NAME: FITZPATRICK
2. REPORTING PERIOD: 880301 - 880331
3. LICENSED THERMAL POWER (MWT): 2436
4. NAMEPLATE RATING (GROSS MWE): 883
5. DESIGN ELECTRICAL RATING (NET MWE): 816
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 805
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 778

NOTES

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 - 7) SINCE LAST REPORT, GIVE REASONS:

RECALCULATED USING PREVIOUS YEARS RESTRICTIVE LAKE TEMPERATURE LAW NRC DEFINITIONS

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	744	2184	111145
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744	1802.3	81455
13. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
14. HOURS GENERATOR ON-LINE	744	1762.9	79116
15. UNIT RESERVE SHUTDOWN HOURS	0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1738848	4170240	17397516
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	596590	1429020	58598260
18. NET ELECTRICAL ENERGY GENERATED (MWH)	575080	1377000	56155470
19. UNIT SERVICE FACTOR	100	86.7	71.2
20. UNIT AVAILABILITY FACTOR	100	86.7	71.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.4	81.3	65.0
22. UNIT CAPACITY FACTOR (USING DER NET)	94.7	71.3	61.9
23. UNIT FORCED OUTAGE RATE	0	0	11.4

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):

REFUEL OUTAGE TO COMMENCE 880806 AND LAST APPROXIMATELY 75 DAYS.

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

DOCKET NO: 50-333
UNIT: FITZPATRICK
DATE: APRIL 1988
COMPLETED BY: JOHN COOK
TELEPHONE: (315)349-6569

MONTH: MARCH 1988

DAY AVERAGE DAILY POWER LEVEL

MWe NET

1	808
2	807
3	807
4	806
5	808
6	809
7	808
8	807
9	807
10	808
11	808
12	687
13	665
14	654
15	778
16	671

DAY AVERAGE DAILY POWER LEVEL

MWe NET

17	505
18	633
19	801
20	805
21	806
22	807
23	807
24	808
25	805
26	808
27	808
28	808
29	807
30	807
31	807

SUMMARY: THE FITZPATRICK PLANT OPERATED AT NEAR FULL THERMAL POWER WITH ONE REDUCTION TO REPAIR "B" REACTOR FEEDWATER PUMP.

REPORT MONTH: MARCH 1988

DOCKET NO: 50-333
UNIT NAME: FITZPATRICK
DATE: APRIL 1988
COMPLETED BY: JOHN COOK
TELEPHONE: (315)349-6569

NO.	DATE	TYPE	D U H R C A U T R I S T R I C 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
2	880316	A	N/A	F	N/A	N/A	JK	SC	REDUCED POWER TO REPAIR "B" REACTOR FEED PUMP SPEED CONTROL. CLEANED CLOGGED HYDRAULIC LINE, TESTED, AND RETURNED TO FULL POWER OPERATION.

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-CONTINUED
5-REDUCED LOAD
9-OTHER

4
EXHIBIT G.- INSTRUCTIONS
FOR PREPARATION OF DATA
ENTRY SHEETS FOR LICENSEE
EVENT REPORT (LER) FILE
(NUREG-0161)

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MARCH 1988

The FitzPatrick plant operated at near full thermal power for this reporting period. On 880316 power reduced to repair speed control problems on "B" Reactor Feedwater Pump. Repairs were completed and the unit returned to full power operation the next day.

At the end of the reporting period the plant is running at approximately 807 MW_e (net).

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

DOCKET NO: 50-333
UNIT NAME: FITZPATRICK
DATE: APRIL 1988
COMPLETED BY: JOHN COOK
TELEPHONE: (315) 349-6569

FOR THE MONTH OF: MARCH 1988

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
880316	07	057037 NM-36-29B	OPS	UNKNOWN	LPRM FAILED DOWNSCALE	PERFORMED VOLTAGE TO CURRENT TEST/OK	10
880325	07	059237 NM-12-45D	OPS	LPRM DETECTOR IS BAD	LPRM 12-45D DRIFTED	PERFORMED IMP-7.20	5
880307	23	055571 TU-268C	OPS	TRIP UNIT	METER LOSES INPUT SIGNAL	REPLACED 23-MIU-268C; CALIBRATED	14
880330	23	059281 PI-308	OPS	DEFECTIVE METER	READING UPSCALE AS PER ST-4B	REPLACED GAGE AND CALIBRATED PER IMP-G1	7
880329	93	056514 KVAR-1D	OPS	DEFECTIVE METER	METER OSCILLATING	REPLACED METER: PERFORMED IMP-G12	16

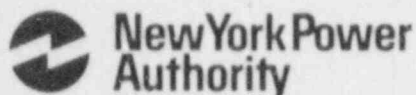
NEW YORK POWER AUTHORITY
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
SUMMARY OF SAFETY RELATED MAINTENANCE

DOCKET NO: 50-333
UNIT NAME: FITZPATRICK
DATE: APRIL 1988
COMPLETED BY: JOHN COOK
TELEPHONE: (315) 349-6569

FOR THE MONTH OF: MARCH 1988

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
880316	07	057037 NM-36-29B	OPS	UNKNOWN	LPRM FAILED DOWNSCALE	PERFORMED VOLTAGE TO CURRENT TEST/OK	10
880325	07	059237 NM-12-45D	OPS	LPRM DETECTOR IS BAD	LPRM 12-45D DRIFTED	PERFORMED IMP-7.20	5
880307	23	055571 MTU-268C	OPS	TRIP UNIT	METER LOSES INPUT SIGNAL	REPLACED 23-MTU-268C; CALIBRATED	14
880330	23	059281 PT-308	OPS	DEFECTIVE METER	READING UPSCALE AS PER ST-4B	REPLACED GAGE AND CALIBRATED PER IMP-G1	7
880329	93	056514 KVAR-1D	OPS	DEFECTIVE METER	METER OSCILLATING	REPLACED METER: PERFORMED IMP-G12	16

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



April 8, 1988
JAAP-88-0351

Radford J. Converse
Resident Manager

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

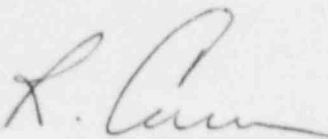
ATTENTION: DOCUMENT CONTROL DESK

REFERENCE: DOCKET NO. 50-333

Dear Sir:

Enclosed please find the J. A. FitzPatrick Nuclear
Power Plant Operating Status Report for the month of
March, 1988. Refueling information remains the same as
previously submitted.

If there are any questions concerning this report,
please contact John Cook at (315) 349-6569.

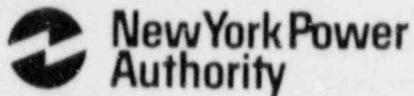

RADFORD J. CONVERSE
ENCLOSURES

RJC:JPC:mac

cc: Distribution

JE24
11

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



April 8, 1988
JAFF-88-0351

Radford J. Converse
Resident Manager

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 Nuclear
Power Plant Operating Status Report for the month of
March, 1988. Refueling information remains the same as
previously submitted.

If there are any questions concerning this report,
please contact John Cook at (315) 349-6569.

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

RADFORD J. CONVERSE
ENCLOSURES

RJC:JPC:mac

cc: Distribution

DOCKET NO: 50-333
UNIT NAME FITZPATRICK
DATE APRIL 1988
COMPLETED BY JOHN COOK
TELEPHONE (315) 349-6569

OPERATING STATUS

NOTES

1. UNIT NAME: FITZPATRICK
2. REPORTING PERIOD: 880301 - 880331
3. LICENSED THERMAL POWER (MWT): 2736
4. NAMEPLATE RATING (GROSS MWE): 883
5. DESIGN ELECTRICAL RATING (NET MWE): 816
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 805
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 778

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 - 7) SINCE LAST REPORT, GIVE REASONS:

RECALCULATED USING PREVIOUS YEARS RESTRICTIVE LAKE TEMPERATURE LAW NRC DEFINITIONS

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.	744	2184	111145
12. NUMBER OF HOURS REACTOR WAS CRITICAL.	744	1802.3	81455
13. REACTOR RESERVE SHUTDOWN HOURS.	0	0	0
14. HOURS GENERATOR ON-LINE.	744	1762.9	79116
15. UNIT RESERVE SHUTDOWN HOURS.	0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH).	1738848	4170240	171397516
17. GROSS ELECTRICAL ENERGY GENERATED (MWH).	596590	1429020	58598260
18. NET ELECTRICAL ENERGY GENERATED (MWH).	575080	1377000	56155470
19. UNIT SERVICE FACTOR.	100	80.7	71.2
20. UNIT AVAILABILITY FACTOR.	100	80.7	71.2
21. UNIT CAPACITY FACTOR (USING MDC NET).	99.4	81.0	65.0
22. UNIT CAPACITY FACTOR (USING DER NET).	94.7	77.3	61.9
23. UNIT FORCED OUTAGE RATE.	0	0	11.4

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):

REFUEL OUTAGE TO COMMENCE 880806 AND LAST APPROXIMATELY 75 DAYS.

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

DOCKET NO: 50-333
UNIT: FITZPATRICK
DATE: APRIL 1988
COMPLETED BY: JOHN COOK
TELEPHONE: (315)349-6569

MONTH: MARCH 1988

DAY AVERAGE DAILY POWER LEVEL

MWe NET

1	808
2	807
3	807
4	806
5	808
6	809
7	808
8	807
9	807
10	808
11	808
12	687
13	665
14	654
15	778
16	671

DAY AVERAGE DAILY POWER LEVEL

MWe NET

17	505
18	633
19	801
20	805
21	806
22	807
23	807
24	808
25	805
26	808
27	808
28	808
29	807
30	807
31	807

SUMMARY: THE FITZPATRICK PLANT OPERATED AT NEAR FULL THERMAL POWER WITH ONE REDUCTION TO REPAIR "B" REACTOR FEEDWATER PUMP.

REPORT MONTH: MARCH 1988

DOCKET NO: 50-333
UNIT NAME: FITZPATRICK
DATE: APRIL 1988
COMPLETED BY: JOHN COOK
TELEPHONE: (315)349-6569

NO.	DATE	TYPE	D U H R O A U T R I S 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
2	880316	A	N/A	F	N/A	N/A	JK	SC	REDUCED POWER TO REPAIR "B" REACTOR FEED PUMP SPEED CONTROL. CLEANED CLOGGED HYDRAULIC LINE, TESTED, AND RETURNED TO FULL POWER OPERATION.

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-CONTINUED
5-REDUCED LOAD
9-OTHER

4

EXHIBIT G. - INSTRUCTIONS
FOR PREPARATION OF DATA
ENTRY SHEETS FOR LICENSEE
EVENT REPORT (LER) FILE
(NUREG-0161)

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MARCH 1988

The FitzPatrick plant operated at near full thermal power for this reporting period. On 880316 power reduced to repair speed control problems on "B" Reactor Feedwater Pump. Repairs were completed and the unit returned to full power operation the next day.

At the end of the reporting period the plant is running at approximately 807 MW_e (net).