

JAMES A. FITZPATRICK NUCLEAR POWER PLANT
OPERATING DATA REPORT

DOCKET NO: 50-333
UNIT NAME: FITZPATRICK
DATE: 9/87
COMPLETED BY: JOHN COOK
TELEPHONE: (315) 349-6569

OPERATING STATUS

- | | |
|--|--------------|
| <p>1. UNIT NAME: <u>FITZPATRICK</u></p> <p>2. REPORTING PERIOD: <u>870801 - 870831</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>794</u></p> <p>8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 - 7) SINCE LAST REPORT, GIVE REASONS:</p> <p>9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE):</p> <p>10. REASONS FOR RESTRICTIONS, IF ANY:</p> | <p>NOTES</p> |
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	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD.	744	5831	106032
12. NUMBER OF HOURS REACTOR WAS CRITICAL.	669.1	3414.7	76906.1
13. REACTOR RESERVE SHUTDOWN HOURS.	0	0	0
14. HOURS GENERATOR ON-LINE.	662	3199.8	74658.1
15. UNIT RESERVE SHUTDOWN HOURS.	0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH).	1395810	7138410	161271532
17. GROSS ELECTRICAL ENERGY GENERATED (MWH).	463140	2368170	55191130
18. NET ELECTRICAL ENERGY GENERATED (MWH).	447755	2287160	52867290
19. UNIT SERVICE FACTOR.	89 %	54.9%	70.4%
20. UNIT AVAILABILITY FACTOR.	89 %	54.9%	70.4%
21. UNIT CAP. CITY FACTOR (USING MDC NET).	75.8%	49.4%	64.3%
22. UNIT CAP. CITY FACTOR (USING DER NET).	73.8%	48.1%	61.1%
23. UNIT FORCED OUTAGE RATE.	11 %	3.5%	11.8%

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: 870901

- | | | |
|---|----------|----------|
| 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): | FORECAST | ACHIEVED |
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

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

DOCKET NO: 50-333
UNIT: FITZPATRICK
DATE: 9/87
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TELEPHONE: (315)349-6569

MONTH: AUGUST

DAY AVERAGE DAILY POWER LEVEL

MWe NET

1	588
2	541
3	555
4	548
5	556
6	559
7	587
8	684
9	669
10	689
11	686
12	691
13	692
14	688
15	691
16	688

DAY AVERAGE DAILY POWER LEVEL

MWe NET

17	686
18	686
19	683
20	675
21	705
22	750
23	778
24	780
25	780
26	780
27	783
28	780
29	0
30	0
31	0

SUMMARY: The unit operated at reduced thermal power this reporting period due to one inoperable Main Steam Isolation Valve. On 870828 the unit tripped due to an indicated generator field ground.

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

DOCKET NO: 50-333
UNIT NAME: FITZPATRICK
DATE: 9/87
COMPLETED BY: JOHN COOK
TELEPHONE: (315)349-6569

REPORT MONTH: AUGUST

NO.	DATE	TYPE	D U R A T I O N	R E A S O N	METHOD OF SHUTTING DOWN THE REACTOR	LICENSEE EVENT REPORT	S Y C S O D E E M	C O M C P O D N E N T	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
4	870801	F	O	A	N/A	N/A	N/A	N/A	Reduced power due to inoperable main steam isolation valve. Operation limited to 3 of 4 steam lines.
5	870828	F	82		3		TB	GEN	Rx Scram on turbine stop valve closure due to indicated generator field ground. Cause is under investigation at the time of this report.

- 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
August 1987

The FitzPatrick Plant operated at reduced thermal power this reporting period due to an inoperable Main Steam Isolation Valve. On 870828 the unit tripped, on Turbine Stop Valve closure, because of an indicated generator field ground. The condition cleared and the plant returned to service.

At the end of the reporting period a unit startup is in progress with an on line date of 870901.

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

DOCKET NO: 50-333
UNIT NAME: FITZPATRICK
DATE: 9/87
COMPLETED BY: JOHN COOK
TELEPHONE: (315) 349-6569

FOR THE MONTH OF: August

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
870830	02	059685 RV-71G	OPS	Insulation break- down on TE-133G	Temp mon indicated G srv lifted	Replaced TE-133G	18
870805	03	064448 ROD 50-35	OPS	Bad probe buffer card	Has dual indication	Replaced Card	16
870824	05	058769 PS-16	OPS	Set Pts a little off	Alarm doesn't reset & reset pt	Adj switches	8.5
870829	06	064405 LR/PR-97	OPS	Pen needs adjust- ment	Red Pen sticks	Adj gain, zero, & span	8
870320	07	052508 NM 44-29	OPS	Bad LPRM Card	LPRM 30-44-29 fails upscale	Replace Card	4
870830	07	058537 NM-102B&D	JIC	Age and use	Indexers need replacement	Installed new indexers	40
870802	07	059546 TIP DRIVE	OPS	Slip clutch needs adj	Drive into core very slowly	Adj slip clutch	0
870829	07	064458 NM-131-4C	OPS	Tip indexer hanging up	No ready or in shield light	Replaced indexer	280
870731	10	059525 LS-105A	OPS	Noise on trans- ducer line	Alarms when column is full	Adjusted Gain	32
871011	13	018757 FS-57	OPS	Torque tube not enough range	Needs calibration	Calibrated	16

NEW YORK POWER AUTHORITY
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MAINTENANCE SUMMARY

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FOR THE MONTH OF: AUGUST

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
870811	13	059564 RTD-102A	OPS	Loose connections on TE-100A	TR144 & EPIC read beyond range	Tightened connections	4
870813	17	042746 RIS-432	OPS	Gears Bad	Check source will not go in	Replaced source drive	6
870813	17	043484 RIS-431	OPS	Bad source drive	Check source will not insert	Replaced source drive	12
870803	17	059521 RR-433	OPS	Set screw stripped	Red pen not re- sponding to chk	Replaced source drive	10
870819	20	059549 FR-528	OPS	Bad slidewire assembly	Pen does not track flow, sticks	Replaced slidewire assembly	10
870806	23	059517 RTD-01B	OPS	EPIC Pt reading too Hi temp	Calibrate, inspect, fix	Measured temp, working O.K.	14
870830	27	059582 S.DW CAM	OPS	Unknown	Gas magnehelic has H2O in it	Suction line blown dry	0
870811	70	055425 TS-102L	OPS	Bad temp element	Relay RM temp won't reset	Replaced with new switch	32
870809	71	050723 INV-3B	JIC	Brackets broken	Removed from LPIC "B"	Repair brackets	0
870805	71	055288 GLFN-B	OPS	Leak in 37-TCV-16B	Replaced gasket	Low flow alarm goes off	60

NEW YORK POWER AUTHORITY
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MAINTENANCE SUMMARY

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TELEPHONE: (315) 349-6569

FOR THE MONTH OF: AUGUST

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
870814	71	058530 INV-3A, 3B	JIC	Preventive maintenance	None	Voltage readings taken	0
870804	94	054468 XD-DXD	OPS	Suspect starter ballast is bad	Dome light does not work	None-no parts in stock	8
870821	02-3	053048 LR-98	OPS	Latching mechanism came apart	Can't slide re- corder out	Put mechanism back together	4
870811	02-3	054403 MTU	OPS	Input to trans- mitter high	Gross failure indication	LT-73 was replaced & start up	0

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

AUGUST 1987

DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
8/18	71	53672 C-264-OB1	ELECT. ENG.	MP-56.1 Testing	Replaced Overloads	15.5
8/19	17	59542 RE-432	OPS	Out of adjustment	Adjusted belts	1.5
8/10	23	54095 HPI-960	OPS	Loose packing	Adjusted packing	1.5
8/10	23	54096 HPI-962	OPS	Loose packing	Adjusted packing	1.5
8/10	70	51483 TCU-121A	OPS	Packing leak	Adjusted packing	8
8/11	76	59562 TK6	OPS	Loose belts	Adjusted belts	19.5
8/11	70	51711 FLIA & B	Maint. Planner	Worn gaskets	Replaced gaskets	40
8/13	27	55357 AOV-127B	OPS	Dirty	Cleaned & lube. valve	46
8/13	13	52292 AOV-32, 34, 35	Mod FI-84-109 109		Adjusted packing	20
8/14	10	54900 MOV-65B	OPS	Loose packing	Adjusted packing	8
8/29	02	59683 SRV-71D	OPS	Pilot valve leakage	Replaced pilot assembly	23
8/30	29	59545 AOV-36C	OPS	Worn hydraulic seals	Overhauled operator	90
8/31	12	55417 MOV-15	OPS	Worn packing	Replaced packing	36.5
8/30	34	54140 FWS-29A	OPS	Worn packing	Replaced packing	38.5
8/30	03	58781 HC022-47	OPS	Worn O-Ring	Replaced O-Ring	15

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James A. FitzPatrick
Nuclear Power Plant
P.O. Box 41
Lycoming, New York 13093
315 342.3840



**New York Power
Authority**

September 8, 1987
JAEP 87-0713

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

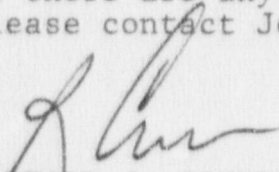
ATTENTION: DOCUMENT CONTROL DESK

REFERENCE: DOCKET NO. 50-333

Dear Sir:

Enclosed please find the J. A. FitzPatrick Operating Status Report for the month of August, 1987. 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
RESIDENT MANAGER

RJC:JPC:mac
Enclosures

cc: Distribution

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