

**OPERATING DATA REPORT**

DOCKET NO. 50-333  
 DATE Sept. 1984  
 COMPLETED BY J. Cook  
 TELEPHONE (315) 342-3840

OPERATING STATUS

- 1. Unit Name: FitzPatrick
- 2. Reporting Period: 840801 - 840831
- 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

Notes

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8. If Changes Occur in Capacity Ratings (Items Number 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	744	5855	79752
12. Number Of Hours Reactor Was Critical	637.4	5364	57892.8
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	615.4	5234.8	56434.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1354488	12013608	119750194
17. Gross Electrical Energy Generated (MWH)	436680	4000960	41220150
18. Net Electrical Energy Generated (MWH)	422335	3873435	39372075
19. Unit Service Factor	82.7%	89.4%	70.8%
20. Unit Availability Factor	82.7%	89.4%	70.8%
21. Unit Capacity Factor (Using MDC Net)	70.1%	81.7%	64.4%
22. Unit Capacity Factor (Using DER Net)	69.1%	80.6%	60.1%
23. Unit Forced Outage Rate	17.3%	5.0%	13.8%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Maintenance outage scheduled for September 14, 1984 to last approximately 30 days.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: \_\_\_\_\_

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

8409200474 840831  
 PDR ADOCK 05000333  
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IE 24  
 1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333  
 UNIT FitzPatrick  
 DATE Sept. 1984  
 COMPLETED BY J. Cook  
 TELEPHONE (315) 342-3840

MONTH August 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	755	17	628
2	752	18	607
3	741	19	693
4	703	20	731
5	515	21	753
6	17	22	750
7	0	23	753
8	0	24	749
9	0	25	767
10	0	26	743
11	125	27	747
12	437	28	753
13	619	29	726
14	716	30	730
15	677	31	746
16	665		

SUMMARY: The Fitzpatrick Plant operated at slightly reduced power during this reporting period due to high lake temperatures causing a low condenser vacuum. On 840805 the plant was taken off line to repair a RECIRC pump seal and returned to service on 840811.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1984

DOCKET NO. 50-333  
 UNIT NAME FitzPatrick  
 DATE Sept. 1984  
 COMPLETED BY J. Cook  
 TELEPHONE (315) 342-3840

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
11	840805	F	128.6	A	2	N/A	AD	P	Shutdown to investigate drywell leakage < 5gpm which was caused by a Recirc pump seal failure. Seal was replaced and unit returned to service.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

AUGUST 1984

The FitzPatrick plant operated at slightly reduced power for this period due to low condenser vacuum caused by high lake temperatures. On 840805 the unit was taken off-line to investigate drywell leakage less than 5gpm. The source of leakage was found to be a failed recirculation pump seal which was repaired and the plant returned to service on 840811.

At the end of the reporting period the FitzPatrick plant is operating at approximately 746 MW<sub>e</sub>.

# JAMES A. FITZPATRICK NUCLEAR POWER PLANT

## SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
8/3	13	33540 RCI-750	Visual	Corroded packing follower	Cleaned packing follower. Re-packed valve	8
8/9	23	33562 1"-WD- 902-22	Visual	Eroded pipe	Replaced section of pipe	60
7/13	71	33593 13MOV-15 23MOV15 12MOV15 02MOV-53B	OPS	Suspected packing leakage	Backseated	4
8/10	02-2	25038 P-1A	OPS	Overheated Seal	Replaced seal	204
8/15	66	15039 HV-3B	Visual	Missing Unistrut support	Replaced Unistrut	1

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
8/14	46	23921 P-2B  Circuit Breaker	Maint. Testing	Adjusted using un- calibrated test equip. & unstable trip devices	Replaced trip devices, adjusted using calibrated equipment	60
8/20	70	22870 TCV-121A	Visual	Damaged sealtite	Repaired sealtite	8
8/18	10	31542 MOV-66A	OPS	Dirt on contactor caused sticking	Cleaned contactor. Stroked valve	4
8/22	66	29617 AOV-101B	OPS	Age	Replaced split air hose	10
8/24	71	22829 BAT 3A	S.T.	Low I.C.V. - sulfation	Jumpered cell #118	12



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

## MAINTENANCE SUMMARY

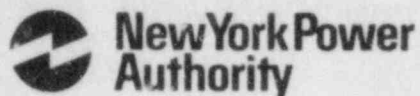
August 1984

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
840831	02-3	<u>029173</u> TU-278c	OPS	Failed Power Supply in ATTS	RX Pres. Indicates only 840	Repaired PS	30
840808	02-3	<u>029169</u> LITS-79	I&C	Age, Use	Leaky Instrument Manifold VLV.	Replaced Manifold	8
840809	03	<u>033425</u> RD SEL SW	OPS	Age, Use	RD-30-23 Inter. Rd-22-31 BAD	Replaced Switches	12
840808	03	<u>031479</u> RD SEL SW	OPS	Age, Use	RD-38-11 Switch Bad	Replaced Switch	4
840831	06	<u>033410</u> PI-90C	OPS	Defective Meter (GE/MAC 180)	Indicator Reads Higher than A	Replaced Meter/ Calibrated	28
840820	07	<u>033469</u> NM-41C,G	OPS	Internal Power Supply Drift	IRMC,G Read Low on ST-5M	Adjusted Per IMP-7.3	3
840817	07	<u>033445</u> SRM A PER.	OPS	Defective Meter (GE/MAC 180)	Remote Period Meter Reads HI	Replaced Meter/ Calibrated	20
840814	07	<u>033493</u> RBM-B	OPS	Open Contact in RSCS PWR. Switch	RBM. B Doesn't see Periph. Rods	Operated Switch Several Times	4
840730	07	<u>033603</u> NM-131-4	OPS	Traces Don't Come Out Right	X-Y Plotter Needs Alignment	Aligned All Machines	24
840724	10	<u>033402</u> LS-101	OPS	Shorted Circuit Board Inside	No. Indication of Power On	Replaced Board	6
840807	11	<u>033463</u> AM-SBLC-A	OPS	Blown Bulb In Meter Relay	Meter is Giving Loss of Cont.	Replaced Bulb	9
840821	16	<u>033522</u> X-104	OPS	Minute Slow Leak	Electrical Penetration Low	Recharged Penetration	2





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



September 10, 1984  
JAFP 84-0863

Corbin A. McNeill, Jr.  
Resident Manager

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

ATTENTION: DOCUMENT CONTROL DESK

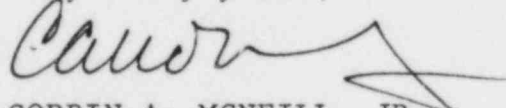
REFERENCE: DOCKET NO. 50-333

Dear Sir:

The Operating Status Report for the month of August 1984 is enclosed. The refueling information remains the same as previously submitted.

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

Very truly yours,

  
CORBIN A. MCNEILL, JR.

CAM:JPC:tls

cc: Internal Distribution

Enclosures

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