

# OPERATING DATA REPORT

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

## OPERATING STATUS

1. Unit Name: FitzPatrick
2. Reporting Period: 840901-840930
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 Number 3 Through 7) Since Last Report, Give Reasons:  
None

Notes

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	720	6575	80472
12. Number Of Hours Reactor Was Critical	349	5713	58241.8
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	344	5578.8	120562114
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	811920	12825528	120562114
17. Gross Electrical Energy Generated (MWH)	268370	4269330	41488520
18. Net Electrical Energy Generated (MWH)	259740	4133175	39631815
19. Unit Service Factor	47.8%	84.8%	70.6%
20. Unit Availability Factor	47.8%	84.8%	70.6%
21. Unit Capacity Factor (Using MDC Net)	44.5%	77.6%	64.2%
22. Unit Capacity Factor (Using DER Net)	43.9%	76.6%	60.6%
23. Unit Forced Outage Rate	0%	4.7%	13.7%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
REFUELING OUTAGE SCHEDULED FOR JANUARY 11, 1985 to last approximately  
60 days

25. If Shut Down At End Of Report Period, Estimated Date of Startup: October 15, 1984

26. Units In Test Status (Prior to Commercial Operation):
- |                      | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY  | _____    | _____    |
| INITIAL ELECTRICITY  | _____    | _____    |
| COMMERCIAL OPERATION | _____    | _____    |

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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333

UNIT FitzPatrick

DATE Oct. 1984

COMPLETED BY J. Cook

TELEPHONE (315) 342-3840

MONTH September 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>739</u>
2	<u>746</u>
3	<u>774</u>
4	<u>776</u>
5	<u>770</u>
6	<u>776</u>
7	<u>771</u>
8	<u>775</u>
9	<u>778</u>
10	<u>779</u>
11	<u>780</u>
12	<u>779</u>
13	<u>781</u>
14	<u>737</u>
15	<u>62</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

SUMMARY: The unit operated at near full thermal power for the first 14 days of the reporting period. On 840915 the plant was shutdown for maintenance.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1984DOCKET NO. 50-333UNIT NAME FitzPatrickDATE Oct. 1984COMPLETED BY J. CookTELEPHONE (315)342-3840

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	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
12	840915	S	376	B	1	N/A	N/A	N/A	840915 Shutdown for maintenance and IHSI (cumulative hrs. 376)

<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

SEPTEMBER 1984

The FitzPatrick Plant operated at near full thermal power for the first 14 days of this reporting period. On September 15 the unit was taken off line for maintenance which included Induction Heat Stress Improvements. The estimated return to service date is October 15, 1984.

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

## MAINTENANCE SUMMARY

September 1984

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
840919	03	037343 38-07	OPS	Indicator Module was bad	"Full-in light fails at 00	Replaced Module	12
840924	03	037369 SWT. 2	OPS	Relay K51 shorted	Spurious Op. in Rod-Out Direc.	Replaced 3A-K51 and IC4	6
840922	05	023017 "B" RPS	033	Mod. MI-84-080	Replace HFA Relays-B RPS Sys	Replaced out the HFA's	140
840922	05	023014 HFA's	I&C	Prep. for Outage work	Check/adjust HFA Relays	Calib. Relays Per F-IMP-71.18	250
840919	06	033433 LR/PR 97	OPS	Dirty gears & bushings	Pens not on track stick, & bind	Cleaned Pen & realigned assy.	4
840928	07	033455 A IRM	OPS	DC Amp failed	IRM A failed Downscale	Replaced DC Amp	26
840912	07	029171 TIP X-AXIS	I&C	Incomplete WR 07/33-95	Erratic Info. on X-Y Plotter	Completed 07/33495	
840921	07	037333 H IRM	OPS	Temp. vent duct. fell on leads	Signal leads have bent plugs	Inspected Connectors	1
840924	07	037152 APRM-F	OPS	No alarm light on panel	Relay K11 failed failed to give	Replaced relay	1
840921	07	037334 "A" SRM	OPS	Static Charge on meter	Incor. Response with detector	Antistatic spray/ washed meter	6
840927	07	024644 LPRM12-13D	OPS	Bad detector	Drifting, spiking high, normal	Replaced LPRM card, IMP 7.6	3
840926	07	032300 LPRM36-21C	OPS	Open Detector	Drifting high	Replace Jan. 1985	0

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

### MAINTENANCE SUMMARY

September 1984

[illegible]

# 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
9/11	03	23823 CRD-4230	N/A	No malfunction, normal maintenance.	Rebuilt Drive	18
9/11	03	23762 CRD-3092	N/A	No malfunction, normal maintenance	Rebuilt Drive	38
9/11	03	23981 CRD-812	N/A	No malfunction, normal maintenance	Rebuilt Drive	52
9/11	03	23982 CRD-3765	N/A	No malfunction, normal maintenance	Rebuilt Drive	22
9/10	03	23824 CRD-5146	N/A	No malfunction, normal maintenance	Rebuilt Drive	25

# 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
9/13	03	23984 CRD-4072	N/A	No malfunction, normal maintenance	Rebuilt Drive	44
9/7	03	23980 CRD-3030	Visual	Bent Collet Housing	Discarded	9
9/6	03	23977 CRD-5683	N.D.E.	Cracked collet housing	Discarded	10
9/7	03	23976 CRD-3115	N.D.E.	Cracked collet housing	Discarded	8
9/10	93	23761 CRD-3236	N/A	No malfunction, normal maintenance	Rebuilt Drive	25
9/11	03	23764 CRD-3418	N/A	No malfunction, normal maintenance	Rebuilt Drive	46
9/11	03	23763 CRD-3262	N/A	No malfunction, normal maintenance	Rebuilt Drive	46

## SAFETY RELATED ELECTRICAL &amp; MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
9/10	03	23825 CRD A- 4197	N/A	No malfunction, normal maintenance	Rebuilt Drive	24
9/11	03	23983 CRD-2964	N/A	No malfunction, normal maintenance	Rebuilt Drive	42
9/12	03	23974 CRD-7928	N/A	No malfunction, normal maintenance	Rebuilt Drive	28
9/12	03	23979 CRD-5082	N/A	No malfunction, normal maintenance	Rebuilt Drive	22
9/10	03	23973 CRD A- 5180	N/A	No malfunction, normal maintenance	Rebuilt Drive	28
9/11	03	23975 CRD-3050	N/A	No malfunction, normal maintenance	Rebuilt Drive	75
9/5	88	25435 CR-2	Operation- al Check	Misadjusted control circuit	Inspected Magnatorque, adjusted control circuit load tested crane	239
9/18	13	25778 RCI-03	LLRT	Seat Leakage	Ground and lapped wedge and seats	134

# 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
9/29	07	29045 S-1B	OPS	Bad switch contacts	Replaced switch	6
9/19	03	21437 CRD-50- 31	OPS	Bad position indication probe	Replaced probe	1
9/23	03	23421 CRD 26- 23	OPS	Bad position indication probe	Replaced probe	10
9/23	03	23395 CRD 22- 35	OPS	Bad position indication probe	Replaced probe	4
9/23	03	23811 CRD 02- 27	OPS	Bad position indication probe	Replaced probe	4
9/23	03	23368 CRD 22- 27	OPS	Bad position indication probe	Replaced probe	4

## SAFETY RELATED ELECTRICAL &amp; MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
9/21	03	27382 CRD 46- 43	OPS	Bad position indication probe	Replaced probe	6
9/27	03	19871 CRD 06- 23	OPS	Worn seals	Replaced Drive	50
9/26	03	26907 CRD 18- 35	OPS	Worn seals	Replaced Drive	40
9/28	03	24439 CRD 22- 31	OPS	Worn seals	Replaced Drive	50
9/28	03	26908 CRD 26- 27	OPS	Worn seals	Replaced Drive	30
9/28	03	24660 CRD 38- 11	OPS	Worn seals	Replaced Drive	30

# SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
9/28	03	09507- CRD 38- 39	OPS	Worn seals	Replaced Drive	24
9/28	03	27064 CRD 34- 27	OPS	Worn seals	Replaced Drive	30

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



Corbin A. McNeill, Jr.  
Resident Manager

October 9, 1984  
JAFF-84 -0946

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 September 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,

*by dr. R. McNeill*

Corbin A. McNeill, Jr.

CAM:JPC:tls

cc: Internal Distribution

Enclosures

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