

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



Michael J. Colomb
Site Executive Officer

December 15, 1999
JAFP-99-0322

U. S. Nuclear Regulatory Commission
Mail Station P1-137
Washington, D. C. 20555

ATTENTION: Document Control Desk

SUBJECT: **OPERATING STATUS REPORT**

Reference: Docket No. 50-333

Dear Sir:

Enclosed is the Operating Status Report for the James A. FitzPatrick Nuclear Power Plant for the month of November 1999.

If there are any questions concerning this report, please contact Saleh Alafifi, Reactor Engineer, at (315) 349-6309.

A handwritten signature in black ink, appearing to read 'Michael J. Colomb', with a long, sweeping underline.

MICHAEL J. COLOMB

MJC:TL:SA:mac
Enclosure

cc: JAF Department Heads
New York Office
White Plains Office
JTS JAFP File
RMS (JAF)
RMS (WPO)

JE24

PPR A0000 0500 0333

**NEW YORK POWER AUTHORITY
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
OPERATING DATA REPORT**

REPORT MONTH: NOVEMBER 1999

Docket No.:	50-333
Unit Name:	FitzPatrick
Date:	December 6, 1999
Completed By:	Saleh Alafifi
Telephone:	(315)349-6309

DAY	NET AVERAGE DAILY POWER LEVEL	DAY	NET AVERAGE DAILY POWER LEVEL
1	827	17	838
2	836	18	838
3	838	19	838
4	688	20	840
5	452	21	839
6	0	22	839
7	0	23	839
8	0	24	839
9	0	25	838
10	0	26	838
11	0	27	839
12	256	28	838
13	661	29	839
14	804	30	573
15	836		
16	836		

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OPERATING STATUS

1. Unit name: **FitzPatrick**
2. Reporting period: **991101 - 991130**
3. Licensed thermal power (MWT): **2536**
4. Nameplate rating (gross MWE): **883.0**
5. Design electrical rating (net MWE): **816**
6. Maximum dependable capacity (gross MWE): **839**
7. Maximum dependable capacity (net MWE): **813**
8. If changes occur in capacity ratings (Items 3-7) since last report, give reasons:
The new values of MDC gross and net reflect the recent thermal power output increase of about 40 MWt due to LEFM implementation in October 1999. This resulted in about 13 MWe increase in electric power output.
9. Power level to which restricted, if any (net MWE):
10. Reasons for restrictions, if any:

NO.	DATA REQUESTED	THIS MONTH	YR-TO-DATE	CUMULATIVE
11	Hours in reporting period:	720.00	8016.00	213409.00
12	Number of hours reactor was critical:	591.18	7622.75	155984.40
13	Reactor reserve shutdown hours:	0.00	0.00	0.00
14	Hours generator on-line:	560.45	7461.24	151024.13
15	Unit reserve shutdown hours:	0.00	0.00	0.00
16	Gross thermal energy generated (MWH):	1333758.94	18383445.11	339975584.94
17	Gross electrical energy generated (MWH):	452150.00	6138080.00	114890150.00
18	Net electrical energy generated (MWH):	437830.00	5957535.00	110619635.00
19	Unit service factor:	77.84	93.08	70.77
20	Unit availability factor:	77.84	93.08	70.77
21	Unit capacity factor (using MDC net):	74.80	92.77	72.33
22	Unit capacity factor (using DER net)	74.52	91.08	63.52
23	Unit forced outage rate:	22.16	6.92	11.55

24. Shutdowns scheduled over next 6 months (type, date, and duration of each):
25. If shutdown at end of report period, estimated date of startup: _____
26. Units in test status (prior to commercial operation):

	<u>FORECAST</u>	<u>ACHIEVED</u>
Initial Criticality:		
Initial Electricity:		
Commercial Operation:		

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NO.	DATE	TYPE	DURATION HOURS	REASON	METHOD OF SHUTTING DOWN THE REACTOR	LICENSEE EVENT REPORT NO.	SYSTEM CODE	COMPONENT CODE	CAUSE and CORRECTIVE ACTION TO PREVENT RECURRENCE
1	11/05	F	159.55 hrs	A	3	N/A	N/A	N/A	Main Turbine trip on high MSR level. A broken air line was found and fixed.

F: FORCED
S: SCHEDULED

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)

METHOD:
 1. Manual
 2. Manual Scram
 3. Automatic Scram
 4. Continued
 5. Reduced load
 9. Other

EXHIBIT G: Instructions for preparation of data entry sheets for Licensee Event Report (LER) file (NUREG-0161)

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The Maximum Dependable Capacity Gross (NRC) and Maximum Dependable Capacity Net (NRC) values are adjusted for the months of November and December of 1999. The new values reflect the recent thermal power output increase of about 40 MWt due to LEFM implementation in October 1999. This resulted in about 13 MWe increase. The new values are:

MDC gross = 839 MWe, (old value 826 MWe)
MDC net = 813 MWe, (old value 800 MWe)

The FitzPatrick plant was derated on 11/04 to fix a condenser leak. During power ascension on 11/05, the plant entered a forced outage due to an automatic scram/Main Turbine trip on high MSR level. This problem was corrected and the plant resumed power operation. The plant was also derated 11/30 to correct feedwater control problems and to perform control rod pattern adjustments.