

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

January 11, 2000  
JAFP-00-008

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 December 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', written in a cursive style.

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)

IE24

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

**REPORT MONTH: DECEMBER 1999**

Docket No.:	50-333
Unit Name:	FitzPatrick
Date:	January 7, 2000
Completed By:	Saleh Alafifi
Telephone:	(315)349-6309

**OPERATING STATUS**

1. Unit name: **FitzPatrick**
2. Reporting period: **991201 - 991231**
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:
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:	744.00	8760.00	214153.00
12	Number of hours reactor was critical:	744.00	8366.75	156728.40
13	Reactor reserve shutdown hours:	0.00	0.00	0.00
14	Hours generator on-line:	744.00	8205.24	151768.13
15	Unit reserve shutdown hours:	0.00	0.00	0.00
16	Gross thermal energy generated (MWH):	1841710.56	20225155.67	341817295.50
17	Gross electrical energy generated (MWH):	630000.00	6768080.00	115520150.00
18	Net electrical energy generated (MWH):	609860.00	6567395.00	111229495.00
19	Unit service factor:	100.00	93.67	70.87
20	Unit availability factor:	100.00	93.67	70.87
21	Unit capacity factor (using MDC net):	100.82	93.46	72.44
22	Unit capacity factor (using DER net)	100.45	91.88	63.65
23	Unit forced outage rate:	0.00	6.33	11.50

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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<b>DAY</b>	<b>NET AVERAGE DAILY POWER LEVEL</b>	<b>DAY</b>	<b>NET AVERAGE DAILY POWER LEVEL</b>
1	398	17	840
2	754	18	840
3	777	19	834
4	836	20	840
5	839	21	840
6	839	22	838
7	839	23	839
8	839	24	840
9	840	25	840
10	836	26	839
11	839	27	840
12	839	28	840
13	840	29	840
14	840	30	840
15	840	31	827
16	840		

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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

**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 FitzPatrick Plant, with the exception of a derate on 11/30 to 12/2 to correct feedwater control problems and minor derates for rod adjustments, operated at or near rated power for the entire month. The Plant was also derated on 12/31 to 80% power for the Y2K transition.