



**New York Power  
Authority**

January 15, 1999  
JAFP-99-0011

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

Attention: Document Control Desk

SUBJECT: OPERATING STATUS REPORT

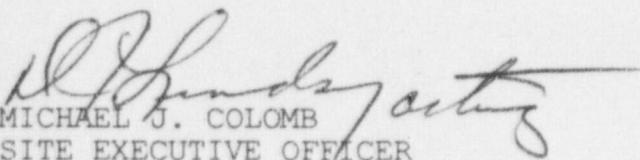
Reference: DOCKET NO. 50-333

Dear Sir:

Enclosed please find the James A. FitzPatrick Nuclear Power Plant Operating Status Report for the month of December, 1998.

If there are any questions concerning this report, please contact Steve DeFillippo, Reactor Engineer, at (315) 349-6354.

Very truly yours,

  
MICHAEL J. COLOMB  
SITE EXECUTIVE OFFICER

<sup>ASD</sup>  
MJC:SD:mac  
Enclosure

CC: T. Landers  
JAF Department Heads  
White Plains Office  
JTS JAFP File  
RMS

IF241

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

REPORT MONTH: December, 1998

DOCKET NO.: 50-333  
UNIT NAME: FITZPATRICK  
DATE: January 14, 1999  
COMPLETED BY: S. DeFillippo  
TELEPHONE: (315) 349-6354

**OPERATING STATUS**

1. Unit Name: FITZPATRICK	: NOTES: .....
2. Reporting Period: 981201- 981231	: :
3. Licensed Thermal Power (MWT): 2536	: :
4. Nameplate Rating (Gross MWE): 883.0	: :
5. Design Electrical Rating (Net MWE): 816.0	: :
6. Maximum Dependable Capacity (Gross MWE) 813.0	: :
7. Maximum Dependable Capacity (Net MWE) 785.4	: : .....

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: \_\_\_\_\_

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. Hours in Reporting Period:	744.00	8760.00	205393.00
12. Number of Hours Reactor was Critical:	357.70	6834.95	148361.65
13. Reactor Reserve Shutdown Hours:	0	0	0
14. Hours Generator On-Line:	267.50	6615.79	143562.89
15. Unit Reserve Shutdown Hours:	0	0	0
16. Gross Thermal Energy Generated (MWH):	321424.33	15441167.83	321592139.83
17. Gross Electrical Energy Generated (MWH):	93510.00	5072720.00	108752070.00
18. Net Electrical Energy Generated (MWH):	89945.00	4930545.00	104662100.00
19. Unit Service Factor:	36.01	75.52	69.90
20. Unit Availability Factor:	36.01	75.52	69.90
21. Unit Capacity Factor (using MDC Net):	15.40	71.66	71.44
22. Unit Capacity Factor (using DER Net):	14.82	68.98	62.45
23. Unit Forced Outage Rate:	0.56	8.29	11.78

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):	FORECAST	ACHIEVED
Initial Criticality	_____	_____
Initial Electricity	_____	_____
Commercial Operation	_____	_____

NEW YORK POWER AUTHORITY  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
AVERAGE DAILY UNIT POWER LEVEL

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DAY	NET AVERAGE DAILY POWER LEVEL	DAY	NET AVERAGE DAILY POWER LEVEL
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	41
5	0	21	127
6	0	22	227
7	0	23	223
8	0	24	345
9	0	25	376
10	0	26	374
11	0	27	383
12	0	28	388
13	0	29	387
14	0	30	383
15	0	31	496
16	0		

NEW YORK POWER AUTHORITY  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
UNIT SHUTDOWNS REPORT

REPORT MONTH: December, 1998

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TELEPHONE: (315) 349-6354

NO.	DATE	T Y P E	D U R A T I O N  H O U R S	R E A S O N	METHOD OF SHUTTING DOWN THE REACTOR	LICENSEE EVENT REPORT	S Y S T E M  C O D E	C O M P O D N E N T	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
5	981201	S	454.5	C	1	N/A			Refuel Outage commenced 10-16-98. End of Cycle 13 cumulative hours 1542. Begin Cycle 14 12/17/98.
6	981220	F	22.0	A	9	N/A	TA	TI	Turbine tripped due to faulty bearing temperature indicator. Repaired and returned to service.

F: FORCED  
S: SCHEDULED

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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. CONTINUED  
5. REDUCED LOAD  
9. OTHER

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EXHIBIT G - INSTRUCTIONS  
FOR PREPARATION OF DATA ENTRY  
SHEETS FOR LICENSEE EVENT  
REPORT (LER) FILE (NUREG-0161)

NEW YORK POWER AUTHORITY  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

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The FitzPatrick reactor was made critical 12/16/98 0611, starting Cycle 14. Shortly after criticality, operators were unable to withdraw an in-sequence control rod. All control rods were inserted in reverse-sequence by 12/16/98 0840. Control rod venting and timing was performed and the reactor was again made critical 12/17/98 0438. The Generator was initially synchronized to the grid for a four hour pre-overspeed test run 12/20/98 0326, but was tripped 0501 upon indication of a thrust bearing fault. This fault was later determined to be an instrumentation problem.

Following completion of overspeed testing, the generator was synchronized to the grid 12/21/98 0345. Power ascension and startup testing continued through the end of December.