

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

JAFP-00-0233
October 9, 2000

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 September 2000.

If there are any questions concerning this report, please contact Jeff Boyer, Lead Systems Engineer, (315) 349-6147.

A handwritten signature in black ink, appearing to read 'Michael J. Colomb'.

MICHAEL J. COLOMB

MJC:GC:JB:tb
Enclosure

cc: JAF Department Heads
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: SEPTEMBER 2000

Docket No.:	50-333
Unit Name:	FitzPatrick
Date:	October 9, 2000
Completed By:	J. Boyer
Telephone:	(315)349-6147

OPERATING STATUS

1. Unit name: **FitzPatrick**
2. Reporting period: **09/01/2000 – 09/30/2000**
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:	720.00	6575.00	220728.00
12	Number of hours reactor was critical:	720.00	6426.15	163153.55
13	Reactor reserve shutdown hours:	0.00	0.00	0.00
14	Hours generator on-line:	693.89	6327.54	158094.67
15	Unit reserve shutdown hours:	0.00	0.00	0.00
16	Gross thermal energy generated (MWH):	1686762.24	15452180.31	357267909.11
17	Gross electrical energy generated (MWH):	564310.00	5231870.00	120752020.00
18	Net electrical energy generated (MWH):	546775.00	5068380.00	116297875.00
19	Unit service factor:	96.37	96.24	71.62
20	Unit availability factor:	96.37	96.24	71.62
21	Unit capacity factor (using MDC net):	93.41	94.82	73.20
22	Unit capacity factor (using DER net)	93.06	94.47	64.57
23	Unit forced outage rate:	3.63	3.76	11.57

24. Shutdowns scheduled over next 6 months (type, date, and duration of each): Refuel Outage scheduled to commence October 6 and to last 35 days.

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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DAY	NET AVERAGE DAILY POWER LEVEL	DAY	NET AVERAGE DAILY POWER LEVEL
1	300	17	829
2	721	18	826
3	794	19	828
4	829	20	824
5	837	21	824
6	839	22	832
7	839	23	830
8	836	24	831
9	836	25	821
10	837	26	832
11	834	27	454
12	829	28	34
13	826	29	657
14	828	30	721
15	828		
16	828		

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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	9/14	F	61.17 ³	A ¹	5	N/A	TG	TBG	-Replaced Damaged Tubing
2	9/30	F	12.5 ⁴	B ²	5	N/A	AD	P	-Restored Power To Bus And Restarted Recirc Pump.

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)

- 1 EHC Tubing Leak (Approx 15 GPD)
- 2 Tripped 'A' RWR Pump (Loss of 10100 Bus)
- 3 Time from initiation of power reduction back to 100% power
- 4 Time from initiation of power reduction back to 100% power

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The FitzPatrick plant experienced three (3) planned downpowers for rod pattern adjustments and two (2) forced reductions due to equipment failures. These failures are summarized as follows:

1. A leak occurred in EHC Tubing leading to the Turbine Front Standard. An adjacent steam pipe abraded the EHC tubing causing a pin hole leak. Apparent cause is improper installation of tubing in close proximity to a line, which grows thermally. Additionally, a lever control valve in the steam line, amplified line movement accelerating the wear.
2. The 'A' RWR Recirc pump was lost when its breaker tripped open, on a 10100 bus under voltage. A PWT was in progress on a feed breaker to the 10100 bus from a reserve power source. An over voltage condition was initially created when the bus was cross-tied to the reserve power source. This tripped open the normal feed breaker. Concurrently, the reserve power breaker being tested was opened because of the PWT. With both breakers opened, an under voltage condition occurred with loss of 'A' Recirc. Power was restored and the Recirc pump restarted. Currently, the operating procedure is being looked at as not having tight enough tolerances for paralleling of the bus.