



Entergy Nuclear Northeast  
Entergy Nuclear Operations, Inc  
James A Fitzpatrick NPP  
P O Box 110  
Lycoming, NY 13093  
Tel 315 349 6024 Fax 315 349 6480

February 14, 2003  
JAFP-03-0022

T.A. Sullivan  
Vice President, Operations-JAF

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Station O-P1-17  
Washington, DC 20555

**SUBJECT: James A. FitzPatrick Nuclear Power Plant**  
**Docket No. 50-333**  
**Monthly Operating Report**

Dear Sir:

Enclosed is the Monthly Operating Report for the James A. FitzPatrick Nuclear Power Plant for the month of January 2003.

Should you have any questions concerning this report, please direct them to Mr. Mick Baker, Thermal Performance Engineer, at (315) 349-6181.

Very truly yours,

T. A. SULLIVAN

TAS:BO:SB:SA:tmb  
Enclosure

IE24

cc: Regional Administrator  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Office of the Resident Inspector  
James A. FitzPatrick Nuclear Power Plant  
U.S. Nuclear Regulatory Commission  
P.O. Box 136  
Lycoming, NY 13093

Mr. Guy Vissing, Project Manager  
Project Directorate I  
Division of Licensing Project Management  
U.S. Nuclear Regulatory Commission  
Mail stop OWFN 8C2  
Washington, DC 20555

Mr. R. Toole  
ENN BWR SRC Operations Subcommittee Chairman  
605 West Horner Street  
Ebensburg, PA 15931

JENG JAFP Files  
RMS (JAF)  
RMS (WPO)

**ENTERGY NUCLEAR NORTHEAST  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
OPERATING DATA REPORT**

**REPORT MONTH: JANUARY 2003**

Docket No.:	50-333
Unit Name:	FitzPatrick
Date:	February 3, 2003
Completed By:	M. Baker
Telephone:	(315) 349-6181

**OPERATING STATUS**

1. Unit name: **FitzPatrick**
2. Reporting period: **01/01/2003 – 01/31/2003**
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	744	241,200.0
12	Number of hours reactor was critical:	744	744	182,074.5
13	Reactor reserve shutdown hours:	0.00	0.00	0.00
14	Hours generator on-line:	744	744	176,878.3
15	Unit reserve shutdown hours:	0.00	0.00	0.00
16	Gross thermal energy generated (MWH):	1,819,120.3	1,819,120.3	403,605,245.2
17	Gross electrical energy generated (MWH):	627,564.0	627,564.0	136,522,015.0
18	Net electrical energy generated (MWH):	607,100.0	607,100.0	131,546,895.0
19	Unit service factor:	100.00	100.00	73.33
20	Unit availability factor:	100.00	100.00	73.33
21	Unit capacity factor (using MDC net):	100.37	100.37	74.94
22	Unit capacity factor (using DER net)	100.00	100.00	66.84
23	Unit forced outage rate:	0.00	0.00	10.80

24. Shutdowns scheduled over next 6 months (type, date, and duration of each): None

25. If shutdown at end of report period, estimated date of startup: N/A

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	848	17	848
2	848	18	847
3	848	19	848
4	848	20	847
5	848	21	848
6	848	22	847
7	848	23	848
8	848	24	848
9	848	25	848
10	848	26	848
11	848	27	847
12	848	28	482
13	848	29	441
14	848	30	652
15	848	31	833
16	848		

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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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### OPERATIONAL SUMMARY

The FitzPatrick plant – with the exception of minor derates for rod adjustments - operated at or near rated power for the duration of the month of January 2003 with the exception of the following:

- January 28, 2003 – 0200 Commenced scheduled down power to perform sequence exchange and to remove “A” Reactor Feed Pump from service to perform maintenance. After the “A” Reactor Feed Pump was returned to service, the “B” Reactor Feed Pump was removed from service to perform maintenance. For this evolution, reactor power was reduced to 49% on January 28, 2003 – 0323. The reactor was maintained at approximately 55% power until January 30<sup>th</sup> at 09:55 when the second Reactor Feed Pump was started to permit return of the reactor to full power.
- January 30, 2003 – 1000 RX power ascension commenced.
- January 30, 2003 – 1203 Core Thermal Power was raised to 95%.