



Entergy Nuclear Northeast  
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January 15, 2003  
JAFP-03-0004

T.A. Sullivan  
Vice President, Operations-JAF

U. S. Nuclear Regulatory Commission  
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Washington, DC 20555

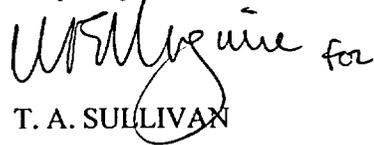
**SUBJECT: James A. FitzPatrick Nuclear Power Plant**  
**Docket No. 50-333**  
**Monthly Operating Report**

Dear Sir:

Enclosed is the Monthly Operating Report for the James A. FitzPatrick Nuclear Power Plant for the month of December 2002.

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,

Handwritten signature of T.A. Sullivan, with the word "for" written to the right of the signature.

T. A. SULLIVAN

TAS:BO:SB:SA:tmb  
Enclosure

IE04

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

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

**REPORT MONTH: DECEMBER 2002**

Docket No.:	50-333
Unit Name:	FitzPatrick
Date:	January 7, 2003
Completed By:	M. Baker
Telephone:	(315) 349-6181

**OPERATING STATUS**

1. Unit name: FitzPatrick
2. Reporting period: 12/01/2002 – 12/31/2002
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	8,760	240,456
12	Number of hours reactor was critical:	744	8,170.4	181,330.5
13	Reactor reserve shutdown hours:	0.00	0.00	0.00
14	Hours generator on-line:	744	8,112.5	176,134.3
15	Unit reserve shutdown hours:	0.00	0.00	0.00
16	Gross thermal energy generated (MWH):	1,881,189.6	20,056,615.3	401,786,124.9
17	Gross electrical energy generated (MWH):	650,357.0	6,814,311.0	135,894,451.0
18	Net electrical energy generated (MWH):	629,316.0	6,595,025.0	130,939,795.0
19	Unit service factor:	100.00	92.61	73.25
20	Unit availability factor:	100.00	92.61	73.25
21	Unit capacity factor (using MDC net):	104.04	92.60	74.86
22	Unit capacity factor (using DER net)	103.66	92.26	66.73
23	Unit forced outage rate:	0.00	0.00	10.84

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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DAY	NET AVERAGE DAILY POWER LEVEL	DAY	NET AVERAGE DAILY POWER LEVEL
1	846	17	848
2	828	18	848
3	845	19	812
4	848	20	847
5	848	21	847
6	848	22	847
7	848	23	848
8	848	24	848
9	848	25	847
10	848	26	848
11	848	27	848
12	848	28	848
13	848	29	847
14	848	30	848
15	848	31	848
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 December 2002 with the exception of the following:

- December 2, 2002 – 0905      Power was reduced to 71.4 % reactor power for an intermediate rod pattern adjustment. Power was returned to 95 % reactor power at 1017
- December 19, 2002 – 0828      Power was reduced to 75.9 % reactor power at 0923 and further to 75% reactor power at 1100 for a sequence exchange. The plant then increased power to 82.8% reactor power at 1215 and back to 97% reactor power at 1235.