



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

June 13, 2002  
JAFP-02-0126

T.A. Sullivan  
Vice President, Operations-JAF

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Mail Station O-P1-17  
Washington, D. C. 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 May 2002.

If there are any questions concerning this report, please contact Sherard Anderson, Thermal Performance Engineer, (315) 349-6558.

Very truly yours,

  
T. A. SULLIVAN

TAS:BO:RD: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  
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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RMS (JAF)  
RMS (WPO)

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

**REPORT MONTH: MAY 2002**

Docket No.:	50-333
Unit Name:	FitzPatrick
Date:	June 6, 2002
Completed By:	S. Anderson
Telephone:	(315)349-6558

**OPERATING STATUS**

1. Unit name: **FitzPatrick**
2. Reporting period: **5/01/2002 – 5/31/2002**
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	3,623	235,319
12	Number of hours reactor was critical:	744	3,623	176,783.1
13	Reactor reserve shutdown hours:	0.00	0.00	0.00
14	Hours generator on-line:	744	3,623	171,644.9
15	Unit reserve shutdown hours:	0.00	0.00	0.00
16	Gross thermal energy generated (MWH):	1,845,054.5	9,061,929.2	390,791,438.8
17	Gross electrical energy generated (MWH):	631,080	3,109,150	132,189,290
18	Net electrical energy generated (MWH):	610,780	3,010,160	127,354,930
19	Unit service factor:	100	100	72.94
20	Unit availability factor:	100	100	72.94
21	Unit capacity factor (using MDC net):	100.98	102.20	74.59
22	Unit capacity factor (using DER net)	100.61	101.82	66.32
23	Unit forced outage rate:	0.00	0.00	11.10

24. Shutdowns scheduled over next 6 months (type, date, and duration of each): Planned Outage – June 24, 2002 and Refuel Outage 15 – October 7, 2002

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

26. Units in test status (prior to commercial operation):                                 FORECAST     ACHIEVED  
       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	840	17	779
2	839	18	837
3	840	19	841
4	839	20	840
5	840	21	840
6	795	22	840
7	629	23	840
8	834	24	839
9	839	25	840
10	840	26	840
11	840	27	840
12	840	28	839
13	840	29	840
14	840	30	839
15	839	31	837
16	584		

**REPORT MONTH: MAY 2002**

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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 during the month of May 2002 except for the following:

- May 6, 2002 – 1901  
The plant commenced a load reduction to 75% power to support removing the A2 condenser waterbox from service in order to stop circulating water in-leakage into the condenser hotwell resulting from a condenser tube leak. Waterbox entries were made and the leaking tube and peripheral tubes were plugged. The waterbox was refilled and placed in service at 1921 on May 7, 2002. Power ascension was begun at 2041 and the unit returned to full power at 0908 on May 8, 2002. The total duration of the load drop was 38 hours and 7 minutes.
- May 16, 2002 – 0414  
The plant commenced a load reduction to 65% power to support removing the A2 condenser waterbox from service in order to stop circulating water in-leakage into the condenser hotwell resulting from a condenser tube leak. A control rod sequence exchange was also performed during this load drop. The A2 waterbox was removed from service at 0510. Control rod exercising activities began at 0906 and were completed at 1014.  
  
Waterbox entries were made, and the leaking tube and peripheral tubes were plugged. This activity took roughly 16 hours. Power was then increased to 75% at 0016 on May 17, 2002. The A2 waterbox was refilled and placed in service at 0030. The B1 and B2 waterboxes were then de-fished, with de-fishing activities completing at 0430. Power ascension was begun at 0548 and the unit returned to full power at 1500. The total duration of the load drop was 34 hours and 46 minutes.