



Entergy Nuclear Northeast  
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December 12, 2002  
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T.A. Sullivan  
Vice President, Operations-JAF

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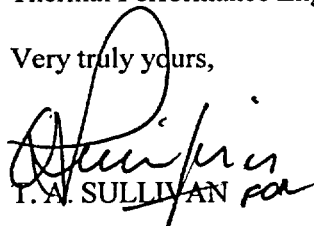
**SUBJECT: James A. FitzPatrick Nuclear Power Plant**  
**Docket No. 50-333**  
**Monthly Operating Report**

Dear Sir:

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

Should you have any questions concerning this report, please direct them to Mr. Sherard Anderson, Thermal Performance Engineer, at (315) 349-6558.

Very truly yours,



T. A. SULLIVAN *ras*

TAS:BO:SB:SA:tmb  
Enclosure

TE24

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  
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Mr. Guy Vissing, Project Manager  
Project Directorate I  
Division of Licensing Project Management  
U.S. Nuclear Regulatory Commission  
Mail stop OWFN 8C2  
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Mr. R. Toole  
ENN BWR SRC Operations Subcommittee Chairman  
605 West Horner Street  
Ebensburg, PA 15931

JENG JAFP Files  
RMS (JAF)  
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**ENERGY NUCLEAR NORTHEAST  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
OPERATING DATA REPORT**

**REPORT MONTH: NOVEMBER 2002**

Docket No.:	50-333
Unit Name:	FitzPatrick
Date:	December 8, 2002
Completed By:	S. Anderson
Telephone:	(315)349-6558

**OPERATING STATUS**

1. Unit name: **FitzPatrick**
2. Reporting period: **11/01/2002 – 11/30/2002**
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:	720	8,016	239,712
12	Number of hours reactor was critical:	720	7,426.4	180,586.5
13	Reactor reserve shutdown hours:	0.00	0.00	0.00
14	Hours generator on-line:	720	7,368.5	175,390.3
15	Unit reserve shutdown hours:	0.00	0.00	0.00
16	Gross thermal energy generated (MWH):	1,686,586.3	18,175,425.7	399,904,935.3
17	Gross electrical energy generated (MWH):	579,335	6,163,954	135,244,094
18	Net electrical energy generated (MWH):	559,597	5,965,709	130,310,479
19	Unit service factor:	100	91.92	73.17
20	Unit availability factor:	100	91.92	73.17
21	Unit capacity factor (using MDC net):	95.60	91.54	74.75
22	Unit capacity factor (using DER net)	95.25	91.20	66.62
23	Unit forced outage rate:	0.00	0.00	10.88

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	411	17	845
2	429	18	846
3	430	19	846
4	478	20	845
5	667	21	845
6	648	22	845
7	818	23	846
8	841	24	846
9	841	25	845
10	845	26	846
11	845	27	846
12	846	28	846
13	845	29	845
14	845	30	846
15	845	31	
16	845		

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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 November 2002 with the exception of the following:

- November 1, 2002 – 0000 The plant began the month of November at roughly 50% power in startup from Refueling Outage 15.
- November 4, 2002 – 1720 The 'B' Turbine Driven Reactor Feed Pump was placed online. The plant then increased power to 74% at 1741.
- November 5, 2002 – 0527 The plant began power ascension from 74% towards 100% power. Power was increased to 82% at 0555. Power was further increased to 84% at 0847 by adjusting reactor water recirculation (RWR) pump speeds, to 93% at 0959 by withdrawing control rods, and to 98% power at 1020 by adjusting RWR pump speeds.
- November 5, 2002 – 1857 Smoke was reported in the vicinity of the 'A' TDRFP bearings. Oil was leaking from a vent plug and caused the insulation to smolder. Power was reduced to roughly 50% and the 'A' TDRFP was removed from service at 1953. Power was then maintained at roughly 55% while the event was investigated.
- November 6, 2002 – 1000 The 'A' TDRFP was placed in service. Power was then raised to 98% by adjusting RWR pump speeds at 1225.
- November 7, 2002 – 1206 The plant commenced a power reduction to 75% to support a control rod pattern adjustment. Control rod manipulations were completed at 1250 and power ascension then began at 1313. Power was increased to 99% at 0141 on November 8. Power was maintained at or below 99% until the plant Feedwater Flow instrument could be verified correct in accordance with plant procedures. Verification was completed at 1413, and power was increased to 100% by withdrawing control rods at 1443.