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T.A. Sullivan
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October 14, 2002
JAFP-02-0199

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 September 2002.

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

Very truly yours,

A handwritten signature in cursive script, appearing to read "T.A. Sullivan".

T. A. SULLIVAN
V.P., OPERATIONS

TAS:BO:SB:SA:tmb
Enclosure

IE24

Cc: Regional Administrator
U.S. Nuclear Regulatory Commission
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King of Prussia, PA 19406

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U.S. Nuclear Regulatory Commission
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Mr. Guy Vissing, Project Manager
Project Directorate I
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Mr. R. Toole
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605 West Horner Street
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**ENTERGY NUCLEAR NORTHEAST
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
OPERATING DATA REPORT**

REPORT MONTH: SEPTEMBER 2002

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

OPERATING STATUS

1. Unit name: FitzPatrick
2. Reporting period: 9/01/2002 – 9/30/2002
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	6,551	238,247
12	Number of hours reactor was critical:	720	6,513.7	179,673.8
13	Reactor reserve shutdown hours:	0.00	0.00	0.00
14	Hours generator on-line:	720	6,483.1	174,504.9
15	Unit reserve shutdown hours:	0.00	0.00	0.00
16	Gross thermal energy generated (MWH):	1,804,098.5	16,240,308.7	397,969,818.3
17	Gross electrical energy generated (MWH):	598,090	5,508,160	134,588,300
18	Net electrical energy generated (MWH):	579,540	5,332,385	129,677,155
19	Unit service factor:	100	98.96	73.25
20	Unit availability factor:	100	98.96	73.25
21	Unit capacity factor (using MDC net):	99.01	100.12	74.90
22	Unit capacity factor (using DER net)	98.64	99.75	66.70
23	Unit forced outage rate:	0.00	0.00	10.93

24. Shutdowns scheduled over next 6 months (type, date, and duration of each): 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):

	<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	841	17	760
2	841	18	793
3	840	19	795
4	834	20	794
5	828	21	792
6	824	22	793
7	820	23	793
8	817	24	792
9	811	25	789
10	810	26	788
11	808	27	781
12	809	28	798
13	805	29	798
14	804	30	793
15	800	31	
16	797		

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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 September 2002.

- September 5, 2002 The plant began end-of-cycle coastdown.
- September 10, 2002 – 1545 The plant commenced insertion of control rods to increase reactor power. Core thermal power increased from approximately 98% to 99.5%. Power was then increased to 100% by adjusting Reactor Water Recirculation flow at 1628.
- September 17, 2002 – 0900 The plant reduced power to 90% to support implementation of Final Feedwater Temperature Reduction. Power was further reduced at roughly 1630 to 70% to allow for completion of scheduled activities. Extraction steam to the 6th point Feedwater Heaters was isolated at approximately 1730, and power ascension then commenced. The plant was returned to 100% power at 2100.
- September 27, 2002 – 0903 The plant reduced power to 83% to support a control rod pattern adjustment. Control rod manipulations were completed at 1030 and power ascension commenced at 1040. The plant was returned to full power at 1727.