



Entergy Nuclear Northeast
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November 15, 2001
JAFP-01-0249

T. A. Sullivan
Vice President, Operations-JAF

U. S. Nuclear Regulatory Commission
Mail Station O-P1-17
Washington, D. C. 20555

ATTENTION: Document Control Desk

SUBJECT: **OPERATING STATUS REPORT**

Reference: Docket No. 50-333

Dear Sir:

Enclosed is the Operating Status Report for the James A. FitzPatrick Nuclear Power Plant for the month of October 2001.

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

Very truly yours,


T. A. SULLIVAN
V.P., OPERATIONS

TAS:BO:RD:SA:tmb
Enclosure

cc: JAF Department Heads
Barb Taggart IP3
Paul Lemberg WPO
Robert Penny WPO
Ian Mew WPO
Jack Gray WPO
JENG JAFP File
RMS (JAF)
RMS (WPO)

IE24

REPORT MONTH: OCTOBER 2001

Docket No.:	50-333
Unit Name:	FitzPatrick
Date:	November 9, 2001
Completed By:	S. Anderson
Telephone:	(315)349-6558

OPERATING STATUS

1. Unit name: **FitzPatrick**
2. Reporting period: **10/01/2001 – 10/31/2001**
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:	745	7,296	230,232
12	Number of hours reactor was critical:	745	7,200	171,696.1
13	Reactor reserve shutdown hours:	0.00	0.00	0.00
14	Hours generator on-line:	745	7,175.7	166,557.9
15	Unit reserve shutdown hours:	0.00	0.00	0.00
16	Gross thermal energy generated (MWH):	1,805,704.2	17,843,638.5	378,035,598.6
17	Gross electrical energy generated (MWH):	612,780	6,074,390	127,815,300
18	Net electrical energy generated (MWH):	593,355	5,865,230	123,119,500
19	Unit service factor:	100	98.35	72.34
20	Unit availability factor:	100	98.35	72.34
21	Unit capacity factor (using MDC net):	97.96	98.88	73.9
22	Unit capacity factor (using DER net)	97.6	98.52	65.53
23	Unit forced outage rate:	0.00	0.00	11.4

- | | | |
|-----|--|---------------------------------|
| 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: | <u>N/A</u> |
| 26. | Units in test status (prior to commercial operation): | <u>FORECAST</u> <u>ACHIEVED</u> |
| | Initial Criticality: | |
| | Initial Electricity: | |
| | Commercial Operation: | |

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

REPORT MONTH: OCTOBER 2001

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DAY	NET AVERAGE DAILY POWER LEVEL	DAY	NET AVERAGE DAILY POWER LEVEL
1	545	17	835
2	600	18	837
3	824	19	836
4	827	20	836
5	830	21	836
6	833	22	836
7	836	23	837
8	835	24	835
9	835	25	836
10	834	26	838
11	834	27	838
12	834	28	579
13	834	29	539
14	834	30	767
15	834	31	837
16	835		

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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
preparation of
S: SCHEDULED
Report

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

data entry sheets for Licensee Event
(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 October 2001 except for the following:

- October 1, 2001 – 0700 The plant commenced a load drop to support a control rod sequence exchange and work on the 'A' Reactor Feedwater Pump (RFP). The 'A' RFP was taken out of service at 0819. Work on the 'A' RFP was completed and the pump started for monitoring at 1030 on October 2. Power ascension was begun at 1138, with the unit reaching full power at 2338. The total duration of this load drop was 40 hours and 38 minutes.
- October 3, 2001 – 0408 While increasing reactor power using the Reactor Water Recirculation (RWR) pumps due to xenon buildup following the load drop of October 1, the 'B' RWR pump speed controls malfunctioned. Reactor power momentarily increased due to an increase in 'B' RWR pump speed. Reactor power was then reduced and maintained at 99% until troubleshooting could be completed. Troubleshooting and evaluations were completed and the unit returned to 100% power at 0743 on October 4. Total duration of this load drop was 27 hours and 35 minutes.
- October 28, 2001 – 0630 Reactor power was reduced to approximately 36% when the 'A' RWR Pump tripped offline. Operators responded by entering AOP-8, Loss or Reduction of Reactor Coolant Flow. Power was raised to 46% at 0855. At 0920, APRM calibrations were completed in accordance with ST-5D. Single loop core surveillance testing was begun at 0957 and completed at 1129. APRM calibrations were again performed per ST-5D at 1318. Technical Specification 3.5.K Limiting Condition of Operation was exited at 1319 based on completion of required single loop operation surveillance testing. Power was increased to 62% at 1529. Reactor power was then maintained at approximately 65% until troubleshooting and restoration of the 'A' RWR pump could be completed.
- October 29, 2001 – 0121 Power to the 'B' channel of the Reactor Protection System (RPS) was lost, causing a trip of the 'B' channel of RPS, and a 'B' PCIS group 1 isolation, resulting in isolation of the Reactor Water Cleanup system. 'B' RPS was re-energized from an alternate power source at 0141. The 'B' RPS trip and 'B' PCIS group 1 isolations were reset at 0208 and 0215, respectively.

Work on the 'A' RWR pump motor generator was completed at 2205. The 'A' RWCU pump was restarted at 2106 and the 'A' RWCU filter / demineralizer was placed in service at 2225. Preparations for restoring the 'A' RWR pump were begun at 0043 on October 30 and the power reduction required to support restoration of the 'A' RWR pump was completed at 0121. The 'A' RWR pump was restored to operation at 0135. Power ascension was then commenced. The plant returned to full power at 1427. Total duration of the load drop from 'A' RWR pump trip to full power was slightly less than 56 hours.