



Entergy Nuclear Northeast
Entergy Nuclear Operations, Inc.
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September 14, 2001
JAFP-01-0218

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 August 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
White Plains Office
Barb Taggart IP3
Paul Lemberg WPO
Robert Penny WPO
JENG JAFP File
RMS (JAF)
RMS (WPO)

IE24

REPORT MONTH: AUGUST 2001

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

OPERATING STATUS

1. Unit name: **FitzPatrick**
2. Reporting period: **8/01/2001 – 8/31/2001**
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:	744	5,831	228,767
12	Number of hours reactor was critical:	744	5,735.0	170,231.1
13	Reactor reserve shutdown hours:	0.00	0.00	0.00
14	Hours generator on-line:	744	5,710.7	165,092.9
15	Unit reserve shutdown hours:	0.00	0.00	0.00
16	Gross thermal energy generated (MWH):	1,870,739.3	14,286,581.6	374,478,541.6
17	Gross electrical energy generated (MWH):	624,850	4,874,020	126,614,930
18	Net electrical energy generated (MWH):	604,805	4,703,330	121,957,600
19	Unit service factor:	100	97.94	72.17
20	Unit availability factor:	100	97.94	72.17
21	Unit capacity factor (using MDC net):	99.99	99.21	73.73
22	Unit capacity factor (using DER net)	99.62	98.85	65.33
23	Unit forced outage rate:	0.00	0.00	11.48

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):

	FORECAST	ACHIEVED
Initial Criticality:		
Initial Electricity:		
Commercial Operation:		

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

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DAY	NET AVERAGE DAILY POWER LEVEL	DAY	NET AVERAGE DAILY POWER LEVEL
1	829	17	781
2	828	18	818
3	823	19	818
4	828	20	758
5	820	21	820
6	820	22	824
7	815	23	817
8	794	24	817
9	818	25	821
10	815	26	821
11	815	27	819
12	815	28	820
13	814	29	820
14	816	30	819
15	816	31	748
16	817		

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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 August, 2001 except for the following:

- August 7, 2001 1900 Increase in Main Turbine vibration levels on bearing #10 reported. MVAR loading on the generator was reduced in attempts to reduce vibration levels. Increased vibration levels were also observed on bearing #9. At 2015, AOP-66, Main Turbine High Vibration was entered due to vibrations on the #9 bearing reaching 7 mils. At 2020, vibration levels reached 9 mils, and per AOP-66, plant power level was reduced until vibrations were less than 9 mils. Overall, power was reduced to 95% per AOP-66. Troubleshooting activities resulted in vibration levels reducing to normal levels at 23:30. AOP-66 was exited at 0100 on August 8, 2001. Vibrations were then observed to remain normal throughout the day and through power ascension. Full power was achieved at 1657. Total duration of the load drop was slightly less than 22 hours.
- August 16, 2001 2015 A leak on the 'A' condensate pump seal supply line was reported. Power was reduced to approximately 65% at 0042 on August 17 to support repair activities. Repair activities were completed and the 'A' condensate pump returned to service at 0245. Power ascension commenced at 0302 and the plant returned to full power at 0400. Total duration of the load drop was slightly less than 4 hours.
- August 20, 2001 0800 A load drop was commenced to support scheduled SCRAM Time Testing. SCRAM time testing was commenced at 0904 and completed at 1325. In parallel with SCRAM time testing, Turbine Control Valve testing was performed. Following SCRAM time testing, Turbine Stop Valve testing was performed. This testing began at 1408 and completed at 1439. Power ascension then began, with full power achieved at 2325. Total duration of the load drop was slightly less than 15.5 hours.
- August 31, 2001 1951 A load drop was commenced to support the replacement of the inboard and outboard seals on the 'B' Turbine Driven Reactor Feedwater Pump. The decision to remove the pump from service was made based on an existing monitoring plan which called for removing the pump from service when the inboard seal cavity leakoff line could no longer accommodate the seal leakage rate. This condition was observed at approximately 1700. Power was reduced to 55% and the 'B' TDRFP was removed from service at 2048. The plant was maintained at 55% power for the remainder of the month of August, 2001