

**Detroit Edison**



Reg. Guide 1.16

December 14, 2000  
NRC-00-0100

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington D C 20555

Reference: Fermi 2  
NRC Docket No. 50-341  
NRC Operating License No. NPF-43

Subject: Monthly Operating Status Report for November 2000

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for November 2000. This report includes the Operating Data Report, Average Daily Unit Power Level, and the Summary of Unit Shutdowns and Power Reductions identified in NRC Regulatory Guide 1.16 and Fermi 2 Technical Specification 5.6.4.

Should you have any questions or require additional information, please contact me at (734) 586-4258.

Sincerely,



Norman K. Peterson  
Director – Nuclear Licensing

Enclosures

cc: J. E. Dyer  
D. S. Hood  
M. A. Ring  
M. V. Yudas, Jr.  
NRC Resident Office  
Region III

IE24

## OPERATING DATA REPORT

DOCKET NO. 50-341  
DATE December 14, 2000

COMPLETED BY L. Burr  
TELEPHONE (734) 586-1525

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: November 2000
3. Licensed thermal power (MWt): 3430
4. Nameplate rating (Gross MWe): 1217
5. Design elect rating (Net MWe): 1150
6. Max dependable cap (Gross MWe): 1140
7. Max dependable cap (Net MWe): 1089
8. If changes occur in capacity ratings (Items number 3 through 7) since last report, give reasons:  
N/A
9. Power level to which restricted, if any (MWe Net): N/A
10. Reasons for restriction, if any: N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. Hours in reporting period	<u>720</u>	<u>8,040</u>	<u>112,694</u>
12. Hours reactor was critical	<u>720</u>	<u>6,952.5</u>	<u>82,925.4</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>720</u>	<u>6,789.8</u>	<u>79,316.2</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,433,528</u>	<u>22,749,672</u>	<u>247,716,371</u>
17. Gross elect energy gen (MWH)	<u>828,330</u>	<u>7,737,520</u>	<u>81,377,617</u>
18. Net elect energy gen (MWH)	<u>795,230</u>	<u>7,414,779</u>	<u>77,788,868</u>
19. Unit service factor	<u>100.0%</u>	<u>84.5%</u>	<u>70.4%</u>
20. Unit availability factor	<u>100.0%</u>	<u>84.5%</u>	<u>70.4%</u>
21. Unit cap factor (using MDC net)	<u>101.4%</u>	<u>85.1%</u>	<u>66.5%(1)</u>
22. Unit cap factor (using DER net)	<u>96.0%</u>	<u>81.5%</u>	<u>62.3%(1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>18.3%</u>
24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each):	<u>N/A</u>		
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>N/A</u>		

Notes: (1) Calculated using weighted averages to reflect variations in rating (MDC and DER) from initial commercial operation.

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-341

UNIT Fermi 2

DATE December 14, 2000

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Month November 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1121	16	1125
2	868	17	1127
3	865	18	1128
4	1124	19	1124
5	1125	20	1108
6	1120	21	1129
7	1119	22	1130
8	1121	23	1130
9	1112	24	1128
10	1119	25	1126
11	1126	26	1125
12	1126	27	1125
13	1124	28	1127
14	1127	29	1128
15	1127	30	1128

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341  
 UNIT NAME: Fermi 2  
 DATE: December 14, 2000

COMPLETED BY: L. Burr  
 TELEPHONE: (734) 586-1525

REPORT MONTH November 2000

No. (6)	Date	TYPE (1)	Dur (Hrs) (7)	Reason (2)	Method of shutting down reactor or reducing power (3)	LER No.	Sys Code (4)	Comp Code (5)	Cause and Corrective Action to Prevent Recurrence
R00-04	001102	F	0	A	5		SJ	FSV	Trip of south reactor feedpump due to failure of solenoid valve. Power reduction was from 100% to 53%. Solenoid valve was repaired.

(1) F: Forced  
 S: Scheduled

(2) REASON:  
 A - Equipment Failure (Explain)  
 B - Maintenance or Test  
 C - Refueling  
 D - Regulatory Restriction  
 E - Operations Training and License Examination  
 F - Administrative  
 G - Operational Error (Explain)  
 H - Other (Explain)

(3) METHOD:  
 1 - Manual  
 2 - Manual Scram  
 3 - Automatic Scram  
 4 - Continued  
 5 - Reduced Load  
 9 - Other

(4) Instructions for preparation of data entry sheets for Licensee Event Report (LER) file (NUREG-1022)  
 (5) Same Source as (4)  
 (6) R - Prefix indicates power reduction.  
 S - Prefix indicated plant shutdown.  
 (7) Duration of reductions reported as zero per Regulatory Guide 1.16, Revision 4.