

**Detroit Edison**



Reg. Guide 1.16

June 13, 2001  
NRC-01-0049

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 May 2001

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for May 2001. 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,

A handwritten signature in black ink, appearing to read 'NKP'.

Norman K. Peterson  
Director – Nuclear Licensing

Enclosures

cc: J. E. Dyer  
T. J. Kim  
M. A. Ring  
M. V. Yudas, Jr.  
NRC Resident Office  
Region III

IE24

## OPERATING DATA REPORT

DOCKET NO. 50-341  
 DATE June 13, 2001

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

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: May 2001
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 restrictions, if any: N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. Hours in reporting period	<u>744</u>	<u>3,623</u>	<u>117,061</u>
12. Hours reactor was critical	<u>744</u>	<u>3,592.4</u>	<u>87,261.8</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>744</u>	<u>3,559.1</u>	<u>83,619.2</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,548,368</u>	<u>12,108,096</u>	<u>262,373,435</u>
17. Gross elect energy gen (MWH)	<u>857,710</u>	<u>4,109,530</u>	<u>86,360,377</u>
18. Net elect energy gen (MWH)	<u>820,950</u>	<u>3,942,166</u>	<u>82,569,556</u>
19. Unit service factor	<u>100.0%</u>	<u>98.2%</u>	<u>71.4%</u>
20. Unit availability factor	<u>100.0%</u>	<u>98.2%</u>	<u>71.4%</u>
21. Unit cap factor (using MDC net)	<u>101.3%</u>	<u>99.9%</u>	<u>67.8%(1)</u>
22. Unit cap factor (using DER net)	<u>96.0%</u>	<u>94.6%</u>	<u>63.5%(1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>17.5%</u>

24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each): Refueling Outage 8, 10/26/2001, 35 days
25. If shutdown at end of report period, estimated date of startup: N/A
26. Units in test status (prior to commercial operation): N/A

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 June 13, 2001

COMPLETED BY L. Burr

TELEPHONE (734) 586-1525

Month May 2001

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1089	17	1100
2	1096	18	1101
3	1096	19	1106
4	1098	20	1105
5	1108	21	1095
6	1100	22	1105
7	1103	23	1109
8	1107	24	1108
9	1107	25	1111
10	1103	26	1111
11	1099	27	1108
12	1114	28	1106
13	1115	29	1110
14	1110	30	1117
15	1106	31	1114
16	1105		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341  
 UNIT NAME: Fermi 2  
 DATE: June 13, 2001

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

REPORT MONTH May 2001

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
N/A									

(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.