

**Detroit Edison**



Reg. Guide 1.16

June 10, 2003  
NRC-03-0055

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 2003

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for May 2003. This report includes the Operating Data Report, Average Daily Unit Power Level Data, 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  
Manager – Nuclear Licensing

**Enclosures**

cc: R. J. Aben, Jr.  
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NRC Resident Office  
Region III

IE24

## OPERATING DATA REPORT

DOCKET NO. 50-341  
DATE June 10, 2003

COMPLETED BY Ron Stiemsma  
TELEPHONE (734) 586-1656

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: May 2003
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>134,581</u>
12. Hours reactor was critical	<u>587.5</u>	<u>2,674</u>	<u>102,956</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>524.2</u>	<u>2,591</u>	<u>99,119</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>1,616,376</u>	<u>8,503,752</u>	<u>314,076,659</u>
17. Gross elect energy gen (MWH)	<u>538,481</u>	<u>2,885,068</u>	<u>103,785,903</u>
18. Net elect energy gen (MWH)	<u>515,064</u>	<u>2,763,602</u>	<u>99,259,347</u>
19. Unit service factor	<u>70.5%</u>	<u>71.5%</u>	<u>73.7%</u>
20. Unit availability factor	<u>70.5%</u>	<u>71.5%</u>	<u>73.7%</u>
21. Unit cap factor (using MDC Net)	<u>63.6%</u>	<u>70.0%</u>	<u>81.5% (1)</u>
22. Unit cap factor (using DER Net)	<u>60.2%</u>	<u>66.3%</u>	<u>76.4% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>1.0%</u>	<u>15.4%</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 June 10, 2003

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Month May 2003

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	1068
2	0	18	1115
3	0	19	1010
4	0	20	1059
5	0	21	1128
6	0	22	1125
7	0	23	1124
8	0	24	1128
9	0	25	1114
10	94	26	1138
11	290	27	1131
12	622	28	1178
13	662	29	1025
14	1115	30	1207
15	1069	31	930
16	1164		

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341  
 UNIT NAME: Fermi 2  
 DATE: June 10, 2003

COMPLETED BY: Ron Stiemsma  
 TELEPHONE: (734) 586-1656

REPORT MONTH May 2003

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
R03-02	05/31/03	F	0	A	9	N/A	TA	PCV	Repair of No. 2 High Pressure Control Valve (HPCV) which required the valve to be locked down and a power reduction to less than 93 percent.

(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.