

**Detroit Edison**



Reg. Guide 1.16

July 10, 2003  
NRC-03-0059

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 June 2003

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for June 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,

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

Norman K. Peterson  
Manager – Nuclear Licensing

Enclosures

cc: R. J. Aben, Jr.  
J. E. Dyer  
M. A. Ring  
J. F. Stang, Jr.  
M. V. Yudasz, Jr.  
NRC Resident Office  
Region III

IE24

## OPERATING DATA REPORT

DOCKET NO. 50-341  
 DATE July 10, 2003

COMPLETED BY Kevin Burke  
 TELEPHONE (734) 586-5148

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: June 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>720</u>	<u>4,343</u>	<u>135,301</u>
12. Hours reactor was critical	<u>720.0</u>	<u>3,394</u>	<u>103,676</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>720.0</u>	<u>3,311</u>	<u>99,839</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,466,888</u>	<u>10,970,640</u>	<u>316,543,547</u>
17. Gross elect energy gen (MWH)	<u>830,786</u>	<u>3,715,854</u>	<u>104,616,689</u>
18. Net elect energy gen (MWH)	<u>794,184</u>	<u>3,557,786</u>	<u>100,053,531</u>
19. Unit service factor	<u>100.0%</u>	<u>76.2%</u>	<u>73.8%</u>
20. Unit availability factor	<u>100.0%</u>	<u>76.2%</u>	<u>73.8%</u>
21. Unit cap factor (using MDC Net)	<u>101.3%</u>	<u>75.2%</u>	<u>81.7% (1)</u>
22. Unit cap factor (using DER Net)	<u>95.9%</u>	<u>71.2%</u>	<u>76.5% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.8%</u>	<u>15.3%</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 July 10, 2003

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Month June 2003

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1104	16	1137
2	1125	17	1137
3	1111	18	1020
4	1141	19	1109
5	1104	20	1109
6	1128	21	1123
7	1111	22	1117
8	1100	23	1117
9	1114	24	1096
10	1114	25	1098
11	1114	26	1085
12	1100	27	1099
13	1054	28	1096
14	1099	29	1092
15	1099	30	1105

## UNIT SHUTDOWNS AND POWER REDUCTIONS

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

COMPLETED BY: Kevin Burke  
 TELEPHONE: (734) 586-5148

REPORT MONTH June 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
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.