

**Detroit Edison**



Reg. Guide 1.16

November 6, 2003  
NRC-03-0089

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 October 2003

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for October 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 "Norman K. Peterson".

Norman K. Peterson  
Manager – Nuclear Licensing

Enclosures

cc: R. J. Aben, Jr.  
H. K. Chernoff  
J. E. Dyer  
M. A. Ring  
M. V. Yudas, Jr.  
NRC Resident Office  
Region III

IE24

## OPERATING DATA REPORT

DOCKET NO. 50-341  
DATE November 6, 2003

COMPLETED BY Kevin Burke  
TELEPHONE (734) 586-5148

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: October 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>745</u>	<u>7,296</u>	<u>138,254</u>
12. Hours reactor was critical	<u>745.0</u>	<u>6,150</u>	<u>106,432</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>745.0</u>	<u>6,016</u>	<u>102,545</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,540,064</u>	<u>20,082,144</u>	<u>325,655,051</u>
17. Gross elect energy gen (MWH)	<u>864,112</u>	<u>6,779,763</u>	<u>107,680,598</u>
18. Net elect energy gen (MWH)	<u>829,640</u>	<u>6,488,628</u>	<u>102,984,373</u>
19. Unit service factor	<u>100.0%</u>	<u>82.5%</u>	<u>74.2%</u>
20. Unit availability factor	<u>100.0%</u>	<u>82.5%</u>	<u>74.2%</u>
21. Unit cap factor (using MDC Net)	<u>102.3%</u>	<u>81.7%</u>	<u>81.9% (1)</u>
22. Unit cap factor (using DER Net)	<u>96.8%</u>	<u>77.3%</u>	<u>76.8% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>4.3%</u>	<u>15.1%</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 November 6, 2003

COMPLETED BY Kevin Burke

TELEPHONE (734) 586-5148

Month October 2003

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1125	17	1135
2	1132	18	1126
3	1125	19	1129
4	1128	20	1119
5	1129	21	1120
6	1129	22	1130
7	1128	23	1133
8	1116	24	1132
9	1122	25	1129
10	1123	26	1131
11	1096	27	1130
12	1026	28	1130
13	1032	29	1131
14	1100	30	1123
15	1128	31	1118
16	1129		

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341  
 UNIT NAME: Fermi 2  
 DATE: November 6, 2003

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

REPORT MONTH October 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
None									

(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.