

**Detroit Edison**



Reg. Guide 1.16

February 11, 2003  
NRC-03-0015

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 January 2003

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for January 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 be 'N. Peterson'.

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

JE24

## OPERATING DATA REPORT

DOCKET NO. 50-341  
 DATE February 11, 2003

COMPLETED BY Kevin Burke  
 TELEPHONE (734) 586-5148

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: January 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>744</u>	<u>131,702</u>
12. Hours reactor was critical	<u>738.6</u>	<u>739</u>	<u>101,021</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>718.6</u>	<u>719</u>	<u>97,247</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,423,808</u>	<u>2,423,808</u>	<u>307,996,715</u>
17. Gross elect energy gen (MWH)	<u>826,292</u>	<u>826,292</u>	<u>101,727,127</u>
18. Net elect energy gen (MWH)	<u>792,732</u>	<u>792,732</u>	<u>97,288,477</u>
19. Unit service factor	<u>96.6%</u>	<u>96.6%</u>	<u>73.8%</u>
20. Unit availability factor	<u>96.6%</u>	<u>96.6%</u>	<u>73.8%</u>
21. Unit cap factor (using MDC Net)	<u>97.8%</u>	<u>97.8%</u>	<u>82.0% (1)</u>
22. Unit cap factor (using DER Net)	<u>92.7%</u>	<u>92.7%</u>	<u>76.8% (1)</u>
23. Unit forced outage rate	<u>3.4%</u>	<u>3.4%</u>	<u>15.6%</u>

24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each): Refueling  
 Outage 9, 03/28/2003, 30 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 February 11, 2003

COMPLETED BY Kevin Burke

TELEPHONE (734) 586-5148

Month January 2003

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	1130
2	383	18	1130
3	1087	19	1130
4	1129	20	1130
5	1131	21	1130
6	1131	22	1130
7	1130	23	1130
8	1127	24	1129
9	1127	25	1129
10	1130	26	1129
11	1131	27	1128
12	1128	28	1128
13	1130	29	1119
14	1134	30	1121
15	1131	31	1127
16	1130		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341  
 UNIT NAME: Fermi 2  
 DATE: February 11, 2003

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

REPORT MONTH January 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
S03-01	01/01/03	F	25.4	A	4	02-006	EE	RG	Continuation of forced outage due to instrument power supply Modular Power Unit 3 voltage regulator failure

(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.