

**Detroit Edison**



Reg. Guide 1.16

April 8, 2002  
NRC-02-0030

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 March 2002

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for March 2002. 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 'N. Peterson'.

Norman K. Peterson  
Manager – Nuclear Licensing

Enclosures

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

## OPERATING DATA REPORT

DOCKET NO. 50-341  
DATE April 8, 2002

COMPLETED BY Kevin Burke  
TELEPHONE (734) 586-5148

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: March 2002
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>2,160</u>	<u>124,358</u>
12. Hours reactor was critical	<u>744</u>	<u>2,160</u>	<u>93,796</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>744</u>	<u>2,160</u>	<u>90,058</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,427,096</u>	<u>7,044,408</u>	<u>283,814,819</u>
17. Gross elect energy gen (MWH)	<u>821,390</u>	<u>2,387,820</u>	<u>93,581,217</u>
18. Net elect energy gen (MWH)	<u>787,509</u>	<u>2,289,978</u>	<u>89,481,398</u>
19. Unit service factor	<u>100.0%</u>	<u>100.0%</u>	<u>72.4%</u>
20. Unit availability factor	<u>100.0%</u>	<u>100.0%</u>	<u>72.4%</u>
21. Unit cap factor (using MDC Net)	<u>97.2%</u>	<u>97.4%</u>	<u>74.5% (1)</u>
22. Unit cap factor (using DER Net)	<u>92.0%</u>	<u>92.2%</u>	<u>69.8% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>16.5%</u>

24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each): N/A
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 April 8, 2002

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Month March 2002

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1125	17	1123
2	747	18	1122
3	835	19	1122
4	1124	20	1124
5	1123	21	1124
6	1120	22	1125
7	1122	23	1123
8	1114	24	1125
9	981	25	1125
10	1123	26	1125
11	1124	27	1117
12	1123	28	1124
13	1118	29	1122
14	1115	30	585
15	1113	31	559
16	1123		

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341  
 UNIT NAME: Fermi 2  
 DATE: April 8, 2002

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

REPORT MONTH March 2002

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
R02-03	03/02/02	S	0	B	9	N/A	SJ	P	Reactor power decrease to 65% for surveillance testing and scheduled maintenance on South Reactor Feedwater Pump.
R02-04	03/30/02	F	0	A	9	N/A	AD	MG	Reactor Recirculation Motor Generator set tripped due to field ground at exciter brush gear.

(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.