

**Detroit Edison**



Reg. Guide 1.16

October 8, 2003  
NRC-03-0081

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 September 2003

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for September 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 October 8, 2003

COMPLETED BY Kevin Burke  
TELEPHONE (734) 586-5148

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: September 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>6,551</u>	<u>137,509</u>
12. Hours reactor was critical	<u>624.7</u>	<u>5,405</u>	<u>105,687</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>602.0</u>	<u>5,271</u>	<u>101,800</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>1,984,344</u>	<u>17,542,080</u>	<u>323,114,987</u>
17. Gross elect energy gen (MWH)	<u>665,256</u>	<u>5,915,651</u>	<u>106,816,486</u>
18. Net elect energy gen (MWH)	<u>636,682</u>	<u>5,658,987</u>	<u>102,154,733</u>
19. Unit service factor	<u>83.6%</u>	<u>80.5%</u>	<u>74.0%</u>
20. Unit availability factor	<u>83.6%</u>	<u>80.5%</u>	<u>74.0%</u>
21. Unit cap factor (using MDC Net)	<u>81.2%</u>	<u>79.3%</u>	<u>81.8% (1)</u>
22. Unit cap factor (using DER Net)	<u>76.9%</u>	<u>75.1%</u>	<u>76.6% (1)</u>
23. Unit forced outage rate	<u>16.4%</u>	<u>4.9%</u>	<u>15.2%</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 October 8, 2003

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Month September 2003

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1115	16	1114
2	1113	17	1109
3	1110	18	1108
4	1110	19	1112
5	105	20	1122
6	0	21	1120
7	0	22	1109
8	0	23	1120
9	0	24	1118
10	149	25	1124
11	786	26	1125
12	1068	27	1124
13	1108	28	1128
14	1103	29	1131
15	1112	30	1116

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341  
 UNIT NAME: Fermi 2  
 DATE: October 8, 2003

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

REPORT MONTH September 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
S03-04	09/05/03	F	118.0	A	2	N/A	CE	V	Planned reactor shutdown to repair pressure seal leak on Reactor Water Cleanup System return check valve G3300F120

(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.