

**Detroit Edison**



Reg. Guide 1.16

July 11, 2002  
NRC-02-0058

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 2002

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



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

IE24.

## OPERATING DATA REPORT

DOCKET NO. 50-341  
DATE July 11, 2002

COMPLETED BY Kevin Burke  
TELEPHONE (734) 586-5148

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: June 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>720</u>	<u>4,343</u>	<u>126,541</u>
12. Hours reactor was critical	<u>720</u>	<u>4,343</u>	<u>95,979</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>720</u>	<u>4,343</u>	<u>92,241</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,452,344</u>	<u>14,305,200</u>	<u>291,075,611</u>
17. Gross elect energy gen (MWH)	<u>817,700</u>	<u>4,824,588</u>	<u>96,017,985</u>
18. Net elect energy gen (MWH)	<u>782,676</u>	<u>4,625,853</u>	<u>91,817,273</u>
19. Unit service factor	<u>100.0%</u>	<u>100.0%</u>	<u>72.9%</u>
20. Unit availability factor	<u>100.0%</u>	<u>100.0%</u>	<u>72.9%</u>
21. Unit cap factor (using MDC Net)	<u>99.8%</u>	<u>97.8%</u>	<u>74.9% (1)</u>
22. Unit cap factor (using DER Net)	<u>94.5%</u>	<u>92.6%</u>	<u>70.2% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>16.3%</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 July 11, 2002

COMPLETED BY Kevin Burke

TELEPHONE (734) 586-5148

Month June 2002

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1096	16	1102
2	1105	17	1105
3	1109	18	1104
4	1105	19	1098
5	1097	20	1089
6	1108	21	1084
7	1106	22	1089
8	1100	23	1083
9	856	24	1083
10	1085	25	1085
11	1083	26	1084
12	1089	27	1088
13	1104	28	1094
14	1100	29	1092
15	1101	30	1085

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341  
 UNIT NAME: Fermi 2  
 DATE: July 11, 2002

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

REPORT MONTH June 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
R02-06	06/09/02	F	0	A	9	N/A	SJ	LCV	Reactor Recirculation Pump Runback due to air relay failure on 5 North Feedwater Heater level control valve

(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.