

**Detroit Edison**



Reg. Guide 1.16

July 13, 2000  
NRC-00-0061

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 2000

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for June 2000. 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.K. Peterson'.

Norman K. Peterson  
Director - Nuclear Licensing

Enclosures

cc: J. E. Dyer  
A. J. Kugler  
M. A. Ring  
M. V. Yudasz, Jr.  
NRC Resident Office  
Region III

JE24

## OPERATING DATA REPORT

DOCKET NO. 50-341  
 DATE July 13, 2000

COMPLETED BY L. Burr  
 TELEPHONE (734) 586-1525

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: June, 2000
3. Licensed thermal power (MWt): 3430
4. Nameplate rating (Gross MWe): 1217
5. Design elect rating (Net Mwe): 1116 (2)
6. Max dependable cap (Gross MWe): 1129
7. Max dependable cap (Net Mwe): 1080
  
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): (2)
  
10. Reasons for restriction, if any: (2)

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. Hours in reporting period	<u>720</u>	<u>4,367</u>	<u>109,021</u>
12. Hours reactor was critical	<u>720</u>	<u>3,279.5</u>	<u>79,252.4</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>720</u>	<u>3,116.8</u>	<u>75,643.2</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,437,628</u>	<u>10,233,120</u>	<u>235,199,819</u>
17. Gross elect energy gen (MWH)	<u>817,320</u>	<u>3,512,060</u>	<u>77,152,157</u>
18. Net elect energy gen (MWH)	<u>782,614</u>	<u>3,366,540</u>	<u>73,740,629</u>
19. Unit service factor	<u>100.0%</u>	<u>71.4%</u>	<u>69.4%</u>
20. Unit availability factor	<u>100.0%</u>	<u>71.4%</u>	<u>69.4%</u>
21. Unit cap factor (using MDC net)	<u>100.6%</u>	<u>71.4%</u>	<u>65.3% (1)</u>
22. Unit cap factor (using DER net)	<u>97.4%</u>	<u>69.1%</u>	<u>61.1% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>19.0%</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.

(2) Design electrical rating reflects 97% reactor power. Power ascension to 97% reactor power was authorized and occurred on January 21, 1999.

### AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-341

UNIT Fermi 2

DATE July 13, 2000

COMPLETED BY L. Burr

TELEPHONE (734) 586-1525

Month June, 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1092	16	1098
2	1096	17	1108
3	1116	18	1113
4	1016	19	1112
5	1119	20	1103
6	1119	21	1097
7	1117	22	1100
8	1103	23	1105
9	1100	24	760
10	1095	25	1093
11	1094	26	1093
12	1110	27	1104
13	1099	28	1108
14	1097	29	1109
15	1099	30	1101

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341  
 UNIT NAME: Fermi 2  
 DATE: July 13, 2000

COMPLETED BY: L. Burr  
 TELEPHONE: (734) 586-1525

REPORT MONTH June, 2000

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
R00-02	000624	S	0	B	5		VA  TK	CLR  CLR	Scheduled downpower for replacement of steam tunnel cooling unit motor and cleaning of generator hydrogen cooler.

(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.