

**Detroit Edison**



Reg. Guide 1.16

October 13, 2000  
NRC-00-0090

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 2000

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

Norman K. Peterson  
Director - Nuclear Licensing

Enclosures

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

JE24

## OPERATING DATA REPORT

DOCKET NO. 50-341  
 DATE October 13, 2000

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

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: September, 2000
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 restriction, if any: N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. Hours in reporting period	<u>720</u>	<u>6,575</u>	<u>111,229</u>
12. Hours reactor was critical	<u>720</u>	<u>5,487.5</u>	<u>81,460.4</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>720</u>	<u>5,324.8</u>	<u>77,851.2</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,468,304</u>	<u>17,766,504</u>	<u>242,733,203</u>
17. Gross elect energy gen (MWH)	<u>830,910</u>	<u>6,044,190</u>	<u>79,684,287</u>
18. Net elect energy gen (MWH)	<u>796,977</u>	<u>5,788,537</u>	<u>76,162,626</u>
19. Unit service factor	<u>100.0%</u>	<u>81.0%</u>	<u>70.0%</u>
20. Unit availability factor	<u>100.0%</u>	<u>81.0%</u>	<u>70.0%</u>
21. Unit cap factor (using MDC net)	<u>101.6%</u>	<u>81.3%</u>	<u>66.0%(1)</u>
22. Unit cap factor (using DER net)	<u>96.3%</u>	<u>78.1%</u>	<u>61.8%(1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>18.6%</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 October 13, 2000

COMPLETED BY L. Burr

TELEPHONE (734) 586-1525

Month September, 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1092	16	1122
2	1094	17	1112
3	1097	18	1111
4	1106	19	1105
5	1115	20	1104
6	1115	21	1118
7	1108	22	1118
8	1098	23	1101
9	1099	24	1119
10	1098	25	1124
11	1098	26	1122
12	1101	27	1117
13	1112	28	1126
14	1112	29	1123
15	1117	30	1116

## UNIT SHUTDOWNS AND POWER REDUCTIONS

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

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

REPORT MONTH September, 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
N/A									

(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.