

**Detroit Edison**



Reg. Guide 1.16

August 15, 2000  
NRC-00-0080

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 July 2000

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for July 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.

Power ascension to 100% reactor power was authorized and occurred on June 1, 2000, after completion of Power Uprate Program Testing. Gross and Net Maximum Dependable Capacity (MDC) values were updated to 1140 (Gross MWe) and 1089 (Net MWe) based upon analysis of data collected at 100 % reactor power operation in July 2000.

Should you have any questions or require additional information, please contact me at (734) 586-4258.

Sincerely,



Norman K. Peterson  
Director - Nuclear Licensing

Enclosures

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

IE24

## OPERATING DATA REPORT

DOCKET NO. 50-341  
DATE August 15, 2000

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

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: July, 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:  
Design electrical rating reflects 100% reactor power, after completion of Power Uprate Program Testing. Power ascension to 100% reactor power occurred on June 1, 2000. MDC Gross and Net were updated based upon analysis of data collected at 100% reactor power operation in July, 2000.
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>744</u>	<u>5,111</u>	<u>109,765</u>
12. Hours reactor was critical	<u>744</u>	<u>4,023.5</u>	<u>79,996.4</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>744</u>	<u>3,860.8</u>	<u>76,387.2</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,546,664</u>	<u>12,779,784</u>	<u>237,746,483</u>
17. Gross elect energy gen (MWH)	<u>856,080</u>	<u>4,368,140</u>	<u>78,008,237</u>
18. Net elect energy gen (MWH)	<u>817,899</u>	<u>4,184,439</u>	<u>74,558,528</u>
19. Unit service factor	<u>100.0%</u>	<u>75.5%</u>	<u>69.6%</u>
20. Unit availability factor	<u>100.0%</u>	<u>75.5%</u>	<u>69.6%</u>
21. Unit cap factor (using MDC net)	<u>100.9%</u>	<u>75.7%</u>	<u>65.5% (1)</u>
22. Unit cap factor (using DER net)	<u>95.6%</u>	<u>73.0%</u>	<u>61.3% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>18.9%</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 August 15, 2000

COMPLETED BY L. Burr

TELEPHONE (734) 586-1525

Month July, 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1104	16	1104
2	1097	17	1098
3	1052	18	1110
4	1104	19	1110
5	1100	20	1108
6	1107	21	1099
7	1109	22	1112
8	1108	23	1110
9	1094	24	1109
10	1098	25	1105
11	1104	26	1098
12	1107	27	1096
13	1103	28	1098
14	1096	29	1100
15	1105	30	1096
		31	1096

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341  
 UNIT NAME: Fermi 2  
 DATE: August 15, 2000

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

REPORT MONTH July, 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.