

**Detroit Edison**



Reg. Guide 1.16

September 13, 2001  
NRC-01-0065

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 August 2001

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for August 2001. 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  
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 September 13, 2001

COMPLETED BY Kevin Burke  
 TELEPHONE (734) 586-5148

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: August 2001
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>744</u>	<u>5,831</u>	<u>119,269</u>
12. Hours reactor was critical	<u>744</u>	<u>5,800.4</u>	<u>89,469.8</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>744</u>	<u>5,767.1</u>	<u>85,827.2</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,549,928</u>	<u>19,579,368</u>	<u>269,844,707</u>
17. Gross elect energy gen (MWH)	<u>847,470</u>	<u>6,627,240</u>	<u>88,878,087</u>
18. Net elect energy gen (MWH)	<u>808,623</u>	<u>6,347,134</u>	<u>84,974,524</u>
19. Unit service factor	<u>100.0%</u>	<u>98.9%</u>	<u>72.0%</u>
20. Unit availability factor	<u>100.0%</u>	<u>98.9%</u>	<u>72.0%</u>
21. Unit cap factor (using MDC net)	<u>99.8%</u>	<u>100.0%</u>	<u>68.5%(1)</u>
22. Unit cap factor (using DER net)	<u>94.5%</u>	<u>94.7%</u>	<u>64.1%(1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>17.2%</u>

24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each): Refueling Outage 8, October 26, 2001, 35 days
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 September 13, 2001

COMPLETED BY Kevin Burke

TELEPHONE (734) 586-5148

Month August 2001

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1082	17	1092
2	1078	18	1093
3	1086	19	1093
4	1091	20	1096
5	1090	21	1095
6	1086	22	1093
7	1076	23	1089
8	1077	24	1090
9	1077	25	1086
10	1089	26	1084
11	1095	27	1088
12	1087	28	1089
13	1093	29	1087
14	1102	30	1089
15	1099	31	1089
16	1089		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341  
 UNIT NAME: Fermi 2  
 DATE: September 13, 2001

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

REPORT MONTH August 2001

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.