

**Detroit Edison**



Reg. Guide 1.16

November 9, 2001  
NRC-01-0079

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 October 2001

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

JE24

## OPERATING DATA REPORT

DOCKET NO. 50-341  
 DATE November 9, 2001

COMPLETED BY Kevin Burke  
 TELEPHONE (734) 586-5148

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: October 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>745</u>	<u>7,296</u>	<u>120,734</u>
12. Hours reactor was critical	<u>629</u>	<u>7,149</u>	<u>90,819</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>629</u>	<u>7,116</u>	<u>87,176</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,121,360</u>	<u>24,165,816</u>	<u>274,431,155</u>
17. Gross elect energy gen (MWH)	<u>713,500</u>	<u>8,166,200</u>	<u>90,417,047</u>
18. Net elect energy gen (MWH)	<u>683,276</u>	<u>7,820,321</u>	<u>86,447,711</u>
19. Unit service factor	<u>84.5%</u>	<u>97.5%</u>	<u>72.2%</u>
20. Unit availability factor	<u>84.5%</u>	<u>97.5%</u>	<u>72.2%</u>
21. Unit cap factor (using MDC net)	<u>84.3%</u>	<u>98.4%</u>	<u>68.8%(1)</u>
22. Unit cap factor (using DER net)	<u>79.9%</u>	<u>93.2%</u>	<u>64.4%(1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>17.0%</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: November 30, 2001
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 November 9, 2001

COMPLETED BY Kevin Burke

TELEPHONE (734) 586-5148

Month October 2001

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1105	17	1115
2	1101	18	1113
3	1095	19	1102
4	1103	20	1085
5	1113	21	1074
6	1116	22	1077
7	1118	23	1062
8	1115	24	1059
9	1109	25	1067
10	1100	26	1033
11	1103	27	51
12	1097	28	0
13	1082	29	0
14	1100	30	0
15	1109	31	0
16	1111		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341  
 UNIT NAME: Fermi 2  
 DATE: November 9, 2001

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

REPORT MONTH October 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
S01-02	10/26/01	S	115	C	1	N/A	N/A	N/A	Scheduled Shutdown for Refuel Outage 8.

(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.