

**Detroit Edison**



Reg. Guide 1.16

May 14, 2001  
NRC-01-0042

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 April 2001

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for April 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  
Director – Nuclear Licensing

Enclosures

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

JED4

## OPERATING DATA REPORT

DOCKET NO. 50-341  
 DATE May 14, 2001

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

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: April 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>719</u>	<u>2,879</u>	<u>116,317</u>
12. Hours reactor was critical	<u>688.4</u>	<u>2,848.4</u>	<u>86,517.8</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>655.1</u>	<u>2,815.1</u>	<u>82,875.2</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,198,280</u>	<u>9,559,728</u>	<u>259,825,067</u>
17. Gross elect energy gen (MWH)	<u>738,230</u>	<u>3,251,820</u>	<u>85,502,667</u>
18. Net elect energy gen (MWH)	<u>707,726</u>	<u>3,121,216</u>	<u>81,748,606</u>
19. Unit service factor	<u>91.1%</u>	<u>97.8%</u>	<u>71.2%</u>
20. Unit availability factor	<u>91.1%</u>	<u>97.8%</u>	<u>71.2%</u>
21. Unit cap factor (using MDC net)	<u>90.4%</u>	<u>99.6%</u>	<u>67.6%(1)</u>
22. Unit cap factor (using DER net)	<u>85.6%</u>	<u>94.3%</u>	<u>63.3%(1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>17.7%</u>

24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each): Refueling Outage 8, 10/26/2001, 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 May 14, 2001

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TELEPHONE (734) 586-1525

Month April 2001

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1116	16	1119
2	1125	17	1124
3	1125	18	1124
4	1124	19	1123
5	1123	20	1117
6	1109	21	1105
7	1113	22	1106
8	1097	23	1097
9	1118	24	1113
10	1119	25	1120
11	1115	26	1114
12	1101	27	121
13	1116	28	0
14	1116	29	0
15	1119	30	457

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341  
 UNIT NAME: Fermi 2  
 DATE: May 14, 2001

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

REPORT MONTH April 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
S01-01	010427	S	63.9	B	1	N/A	BO	V	Plant shutdown to repair an approximately 0.5 gpm coolant leak inside the drywell. Repair consisted of repacking a valve on a pressure relief line for the residual heat removal system.

(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.