

Detroit Edison



Reg. Guide 1.16

January 11, 2001
NRC-01-0015

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 December 2000

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for December 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 'N. Peterson'.

Norman K. Peterson
Director – Nuclear Licensing

Enclosures

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

TE24

OPERATING DATA REPORT

DOCKET NO. 50-341
 DATE January 11, 2001

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

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: December 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>744</u>	<u>8,784</u>	<u>113,438</u>
12. Hours reactor was critical	<u>744</u>	<u>7,696.5</u>	<u>83,669.4</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>744</u>	<u>7,533.8</u>	<u>80,060.2</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,548,968</u>	<u>25,298,640</u>	<u>250,265,339</u>
17. Gross elect energy gen (MWH)	<u>873,230</u>	<u>8,610,750</u>	<u>82,250,847</u>
18. Net elect energy gen (MWH)	<u>838,522</u>	<u>8,253,301</u>	<u>78,627,390</u>
19. Unit service factor	<u>100.0%</u>	<u>85.8%</u>	<u>70.6%</u>
20. Unit availability factor	<u>100.0%</u>	<u>85.8%</u>	<u>70.6%</u>
21. Unit cap factor (using MDC net)	<u>103.5%</u>	<u>86.6%</u>	<u>66.8%(1)</u>
22. Unit cap factor (using DER net)	<u>98.0%</u>	<u>82.9%</u>	<u>62.5%(1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>18.2%</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 January 11, 2001

COMPLETED BY L. Burr

TELEPHONE (734) 586-1525

Month December 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1129	17	1127
2	1129	18	1131
3	1129	19	1130
4	1128	20	1131
5	1113	21	1129
6	1130	22	1130
7	1130	23	1130
8	1128	24	1129
9	1129	25	1129
10	1128	26	1129
11	1127	27	1129
12	1128	28	1130
13	1129	29	1129
14	1129	30	1129
15	1128	31	1128
16	1126		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: January 11, 2001

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

REPORT MONTH December 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.