

Detroit Edison



Reg. Guide 1.16

June 10, 2002
NRC-02-0051

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 May 2002

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for May 2002. 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 'Norman K. Peterson'.

Norman K. Peterson
Manager – Nuclear Licensing

Enclosures

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

IE24

OPERATING DATA REPORT

DOCKET NO. 50-341
 DATE June 10, 2002

COMPLETED BY Kevin Burke
 TELEPHONE (734) 586-5148

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: May 2002
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>3,623</u>	<u>125,821</u>
12. Hours reactor was critical	<u>744</u>	<u>3,623</u>	<u>95,259</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>744</u>	<u>3,623</u>	<u>91,521</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,495,880</u>	<u>11,852,856</u>	<u>288,623,267</u>
17. Gross elect energy gen (MWH)	<u>837,928</u>	<u>4,006,888</u>	<u>95,200,285</u>
18. Net elect energy gen (MWH)	<u>803,401</u>	<u>3,843,177</u>	<u>91,034,597</u>
19. Unit service factor	<u>100.0%</u>	<u>100.0%</u>	<u>72.7%</u>
20. Unit availability factor	<u>100.0%</u>	<u>100.0%</u>	<u>72.7%</u>
21. Unit cap factor (using MDC Net)	<u>99.2%</u>	<u>97.4%</u>	<u>74.8% (1)</u>
22. Unit cap factor (using DER Net)	<u>93.9%</u>	<u>92.2%</u>	<u>70.1% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>16.3%</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 June 10, 2002

COMPLETED BY Kevin Burke

TELEPHONE (734) 586-5148

Month May 2002

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1020	17	1118
2	1017	18	1042
3	1097	19	1119
4	1120	20	670
5	1109	21	1031
6	1109	22	1114
7	1107	23	1104
8	1117	24	1106
9	1107	25	1114
10	1113	26	1115
11	1117	27	1109
12	1108	28	1111
13	1117	29	1106
14	1114	30	1098
15	1115	31	1090
16	1104		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: June 10, 2002

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

REPORT MONTH May 2002

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
R02-05	05/20/02	F	0	A	9	N/A	SJ	P	North Reactor Feedwater Pump Turbine went to minimum speed following transfer of operating oil pumps.

(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.