

Detroit Edison



Reg. Guide 1.16

May 8, 2002
NRC-02-0042

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 2002

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

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

OPERATING DATA REPORT

DOCKET NO. 50-341
 DATE May 8, 2002

COMPLETED BY Kevin Burke
 TELEPHONE (734) 586-5148

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: April 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>719</u>	<u>2,879</u>	<u>125,077</u>
12. Hours reactor was critical	<u>719</u>	<u>2,879</u>	<u>94,515</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>719</u>	<u>2,879</u>	<u>90,777</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,312,568</u>	<u>9,356,976</u>	<u>286,127,387</u>
17. Gross elect energy gen (MWH)	<u>781,140</u>	<u>3,168,960</u>	<u>94,362,357</u>
18. Net elect energy gen (MWH)	<u>749,798</u>	<u>3,039,776</u>	<u>90,231,196</u>
19. Unit service factor	<u>100.0%</u>	<u>100.0%</u>	<u>72.6%</u>
20. Unit availability factor	<u>100.0%</u>	<u>100.0%</u>	<u>72.6%</u>
21. Unit cap factor (using MDC Net)	<u>95.8%</u>	<u>97.0%</u>	<u>74.6% (1)</u>
22. Unit cap factor (using DER Net)	<u>90.7%</u>	<u>91.8%</u>	<u>69.9% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>16.4%</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 May 8, 2002

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TELEPHONE (734) 586-5148

Month April 2002

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	556	16	1097
2	559	17	1095
3	560	18	1099
4	655	19	1099
5	1113	20	1118
6	1122	21	1123
7	1121	22	1124
8	1116	23	1124
9	1113	24	1118
10	1115	25	1117
11	1121	26	1122
12	1108	27	1119
13	1117	28	1112
14	1119	29	1096
15	1100	30	1043

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: May 8, 2002

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

REPORT MONTH April 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
R02-04	04/01/02	F	0	A	9	N/A	AD	MG	Reactor Recirculation Motor Generator set tripped due to field ground at exciter brush gear.

(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.