

Detroit Edison



Reg. Guide 1.16

March 11, 2003
NRC-03-0024

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 February 2003

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for February 2003. This report includes the Operating Data Report, Average Daily Unit Power Level Data, 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', written over a horizontal line.

Norman K. Peterson
Manager – Nuclear Licensing

Enclosures

cc: R. J. Aben, Jr.
J. E. Dyer
M. A. Ring
J. F. Stang, Jr.
M. V. Yudasz, Jr.
NRC Resident Office
Region III

IE24

OPERATING DATA REPORT

DOCKET NO. 50-341
 DATE March 11, 2003

COMPLETED BY Kevin Burke
 TELEPHONE (734) 586-5148

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: February 2003
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>672</u>	<u>1,416</u>	<u>132,374</u>
12. Hours reactor was critical	<u>672.0</u>	<u>1,411</u>	<u>101,693</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>672.0</u>	<u>1,391</u>	<u>97,919</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,257,872</u>	<u>4,681,680</u>	<u>310,254,587</u>
17. Gross elect energy gen (MWH)	<u>771,595</u>	<u>1,597,887</u>	<u>102,498,722</u>
18. Net elect energy gen (MWH)	<u>739,490</u>	<u>1,532,221</u>	<u>98,027,967</u>
19. Unit service factor	<u>100.0%</u>	<u>98.2%</u>	<u>74.0%</u>
20. Unit availability factor	<u>100.0%</u>	<u>98.2%</u>	<u>74.0%</u>
21. Unit cap factor (using MDC Net)	<u>101.0%</u>	<u>99.4%</u>	<u>82.2% (1)</u>
22. Unit cap factor (using DER Net)	<u>95.7%</u>	<u>94.1%</u>	<u>76.9% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>1.8%</u>	<u>15.5%</u>

24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each): Refueling
Outage 9, 03/28/2003, 30 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 March 11, 2003

COMPLETED BY Kevin Burke

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Month February 2003

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1124	15	976
2	1116	16	1127
3	1125	17	1127
4	1124	18	1127
5	1129	19	1122
6	1128	20	898
7	1129	21	1125
8	1128	22	1121
9	1128	23	980
10	1128	24	1112
11	1113	25	1127
12	1031	26	1127
13	1128	27	1127
14	1128	28	1127

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: March 11, 2003

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

REPORT MONTH February 2003

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.