

Detroit Edison



Reg. Guide 1.16

April 10, 2003
NRC-03-0036

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 March 2003

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



Norman K. Peterson
Manager – Nuclear Licensing

Enclosures

cc: R. J. Aben, Jr.
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Region III

IE24

OPERATING DATA REPORT

DOCKET NO. 50-341
DATE April 10, 2003

COMPLETED BY Kevin Burke
TELEPHONE (734) 586-5148

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: March 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>744</u>	<u>2,160</u>	<u>133,118</u>
12. Hours reactor was critical	<u>676.0</u>	<u>2,087</u>	<u>102,369</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>676.0</u>	<u>2,067</u>	<u>98,595</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,205,696</u>	<u>6,887,376</u>	<u>312,460,283</u>
17. Gross elect energy gen (MWH)	<u>748,700</u>	<u>2,346,587</u>	<u>103,247,422</u>
18. Net elect energy gen (MWH)	<u>716,316</u>	<u>2,248,538</u>	<u>98,744,283</u>
19. Unit service factor	<u>90.9%</u>	<u>95.7%</u>	<u>74.1%</u>
20. Unit availability factor	<u>90.9%</u>	<u>95.7%</u>	<u>74.1%</u>
21. Unit cap factor (using MDC Net)	<u>88.4%</u>	<u>95.6%</u>	<u>82.2% (1)</u>
22. Unit cap factor (using DER Net)	<u>83.7%</u>	<u>90.5%</u>	<u>77.0% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>1.2%</u>	<u>15.4%</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: 04/27/2003
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 April 10, 2003

COMPLETED BY Kevin Burke

TELEPHONE (734) 586-5148

Month March 2003

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1126	17	1112
2	1122	18	1119
3	1126	19	1111
4	1123	20	979
5	1126	21	1116
6	1127	22	845
7	1093	23	455
8	1124	24	888
9	1109	25	1055
10	1126	26	1049
11	1125	27	1044
12	1124	28	996
13	1117	29	262
14	1125	30	0
15	1123	31	0
16	1094		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: April 10, 2003

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

REPORT MONTH March 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
S03-02	03/29/03	S	68	C	2	N/A			Planned manual Scram to commence Refuel Outage 9.
R03-01	03/22/03	F	0	A	9	N/A	AD	SC	Unplanned power reduction due to runback of 'B' reactor recirculation pump caused by component failure in the Distributed Control System (DCS).

(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.