

Detroit Edison



Reg. Guide 1.16

March 12, 2002
NRC-02-0024

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 2002

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for February 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 be 'NKP'.

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 March 12, 2002

COMPLETED BY Kevin Burke
 TELEPHONE (734) 586-5148

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: February 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>672</u>	<u>1,416</u>	<u>123,614</u>
12. Hours reactor was critical	<u>672</u>	<u>1,416</u>	<u>93,052</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>672</u>	<u>1,416</u>	<u>89,314</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,282,952</u>	<u>4,617,312</u>	<u>281,387,723</u>
17. Gross elect energy gen (MWH)	<u>779,030</u>	<u>1,566,430</u>	<u>92,759,827</u>
18. Net elect energy gen (MWH)	<u>747,823</u>	<u>1,502,469</u>	<u>88,693,889</u>
19. Unit service factor	<u>100.0%</u>	<u>100.0%</u>	<u>72.3%</u>
20. Unit availability factor	<u>100.0%</u>	<u>100.0%</u>	<u>72.3%</u>
21. Unit cap factor (using MDC Net)	<u>102.2%</u>	<u>97.4%</u>	<u>74.3% (1)</u>
22. Unit cap factor (using DER Net)	<u>96.8%</u>	<u>92.3%</u>	<u>69.6% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>16.6%</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 March 12, 2002

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Month February 2002

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1115	15	1123
2	1127	16	1123
3	1126	17	865
4	1127	18	1092
5	1127	19	1122
6	1125	20	1120
7	1125	21	1123
8	1125	22	1125
9	1125	23	1126
10	1122	24	1123
11	1126	25	1119
12	1123	26	1125
13	1127	27	1126
14	1126	28	1126

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: March 12, 2002

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

REPORT MONTH February 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
R02-02	02/17/02	F	18.4	A	5	N/A	TA	MO	Derate to 65% power to replace failed motor in Unitized Actuator for Low Pressure Stop Valve #6.

(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.