

Detroit Edison



Reg. Guide 1.16

November 12, 2002
NRC-02-0082

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 October 2002

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for October 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 'N. Peterson'.

Norman K. Peterson
Manager – Nuclear Licensing

Enclosures

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

IE24

OPERATING DATA REPORT

DOCKET NO. 50-341
 DATE November 12, 2002

COMPLETED BY Ron Stiemsma
 TELEPHONE (734) 586-1656

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: October 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>745</u>	<u>7,296</u>	<u>129,494</u>
12. Hours reactor was critical	<u>702.7</u>	<u>7,254</u>	<u>98,890</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>687.3</u>	<u>7,238</u>	<u>95,136</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,307,456</u>	<u>24,100,008</u>	<u>300,870,419</u>
17. Gross elect energy gen (MWH)	<u>782,619</u>	<u>8,100,902</u>	<u>99,294,299</u>
18. Net elect energy gen (MWH)	<u>751,040</u>	<u>7,760,505</u>	<u>94,951,925</u>
19. Unit service factor	<u>92.3%</u>	<u>99.2%</u>	<u>73.5%</u>
20. Unit availability factor	<u>92.3%</u>	<u>99.2%</u>	<u>73.5%</u>
21. Unit cap factor (using MDC Net)	<u>92.6%</u>	<u>97.7%</u>	<u>75.5% (1)</u>
22. Unit cap factor (using DER Net)	<u>87.7%</u>	<u>92.5%</u>	<u>70.8% (1)</u>
23. Unit forced outage rate	<u>7.7%</u>	<u>0.8%</u>	<u>15.8%</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 November 12, 2002

COMPLETED BY Ron Stiemsma

TELEPHONE (734) 586-1656

Month October 2002

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1093	17	1131
2	683	18	1126
3	0	19	1123
4	0	20	1129
5	371	21	1130
6	1003	22	1126
7	1117	23	1130
8	1122	24	1129
9	1122	25	1126
10	1119	26	1127
11	1115	27	1129
12	1117	28	1129
13	1123	29	1129
14	1130	30	1129
15	1125	31	1131
16	1127		

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

COMPLETED BY: Ron Stiemsma
 TELEPHONE: (734) 586-1656

REPORT MONTH October 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
S02-01	10/02/02	F	57.7	A	3	02-004	KE	P	Turbine trip and automatic reactor scram due to decrease in condenser vacuum caused by circulating water pump failure.

(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.