

Detroit Edison



Reg. Guide 1.16

October 10, 2002
NRC-02-0076

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 September 2002

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for September 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 read 'Norman K. Peterson'.

Norman K. Peterson
Manager – Nuclear Licensing

Enclosures

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

JE24

OPERATING DATA REPORT

DOCKET NO. 50-341
 DATE October 10, 2002

COMPLETED BY Ron Stiemsma
 TELEPHONE (734) 586-1656

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: September 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>720</u>	<u>6,551</u>	<u>128,749</u>
12. Hours reactor was critical	<u>720</u>	<u>6,551</u>	<u>98,187</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>720</u>	<u>6,551</u>	<u>94,449</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,399,304</u>	<u>21,792,552</u>	<u>298,562,963</u>
17. Gross elect energy gen (MWH)	<u>796,696</u>	<u>7,318,283</u>	<u>98,511,680</u>
18. Net elect energy gen (MWH)	<u>761,918</u>	<u>7,009,465</u>	<u>94,200,885</u>
19. Unit service factor	<u>100.0%</u>	<u>100.0%</u>	<u>73.4%</u>
20. Unit availability factor	<u>100.0%</u>	<u>100.0%</u>	<u>73.4%</u>
21. Unit cap factor (using MDC Net)	<u>97.2%</u>	<u>98.3%</u>	<u>75.4% (1)</u>
22. Unit cap factor (using DER Net)	<u>92.0%</u>	<u>93.0%</u>	<u>70.7% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>15.9%</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 October 10, 2002

COMPLETED BY Ron Stiemsma

TELEPHONE (734) 586-1656

Month September 2002

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1097	16	1096
2	1092	17	1107
3	1090	18	1100
4	1102	19	1092
5	1095	20	1092
6	1102	21	1029
7	1094	22	1068
8	1092	23	1021
9	1091	24	1023
10	1090	25	1021
11	1107	26	1015
12	1109	27	1099
13	1105	28	1101
14	836	29	1102
15	722	30	1102

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: October 10, 2002

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

REPORT MONTH September 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
R02-07	09/14/02	S	0	B	9	N/A	AA TA	ROD V	Lowered reactor power to 65% for control rod pattern adjustment, control rod scram time testing and turbine stop, control, and bypass valve surveillances.

(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.