

Detroit Edison



Reg. Guide 1.16

October 4, 2001
NRC-01-0073

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 2001

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for September 2001. 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,



Norman K. Peterson
Manager – Nuclear Licensing

Enclosures

cc: 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 October 4, 2001

COMPLETED BY Kevin Burke
TELEPHONE (734) 586-5148

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: September 2001
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>119,989</u>
12. Hours reactor was critical	<u>720</u>	<u>6,520.4</u>	<u>90,189.8</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>720</u>	<u>6,487.1</u>	<u>86,547.2</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,465,088</u>	<u>22,044,456</u>	<u>272,309,795</u>
17. Gross elect energy gen (MWH)	<u>825,460</u>	<u>7,452,700</u>	<u>89,703,547</u>
18. Net elect energy gen (MWH)	<u>789,911</u>	<u>7,137,045</u>	<u>85,764,435</u>
19. Unit service factor	<u>100.0%</u>	<u>99.0%</u>	<u>72.1%</u>
20. Unit availability factor	<u>100.0%</u>	<u>99.0%</u>	<u>72.1%</u>
21. Unit cap factor (using MDC net)	<u>100.7%</u>	<u>100.0%</u>	<u>68.7%(1)</u>
22. Unit cap factor (using DER net)	<u>95.4%</u>	<u>94.7%</u>	<u>64.3%(1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>17.1%</u>

24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each): Refueling Outage 8, October 26, 2001, 35 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 4, 2001

COMPLETED BY Kevin Burke

TELEPHONE (734) 586-5148

Month September 2001

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1077	16	1108
2	1100	17	1104
3	1092	18	1097
4	1093	19	1092
5	1102	20	1098
6	1096	21	1099
7	1083	22	1101
8	1082	23	1097
9	1084	24	1107
10	1096	25	1115
11	1100	26	1115
12	1095	27	1113
13	1101	28	1110
14	1109	29	1089
15	1109	30	1108

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: October 4, 2001

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

REPORT MONTH September 2001

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.