

Detroit Edison



Reg. Guide 1.16

March 12, 2001
NRC-01-0025

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 2001

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

A handwritten signature in black ink, appearing to read "N. Peterson".

Norman K. Peterson
Director – Nuclear Licensing

Enclosures

cc: J. E. Dyer
M. A. Ring
Mohammed A. Shuaibi
M. V. Yudas, Jr.
NRC Resident Office
Region III

IE24

OPERATING DATA REPORT

DOCKET NO. 50-341
 DATE March 12, 2001

COMPLETED BY L. Burr
 TELEPHONE (734) 586-1525

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: February 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 restriction, if any: N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. Hours in reporting period	<u>672</u>	<u>1,416</u>	<u>114,854</u>
12. Hours reactor was critical	<u>672</u>	<u>1,416.0</u>	<u>85,085.4</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>672</u>	<u>1,416.0</u>	<u>81,476.2</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,281,608</u>	<u>4,832,256</u>	<u>255,097,595</u>
17. Gross elect energy gen (MWH)	<u>780,740</u>	<u>1,652,680</u>	<u>83,903,527</u>
18. Net elect energy gen (MWH)	<u>749,423</u>	<u>1,586,740</u>	<u>80,214,130</u>
19. Unit service factor	<u>100.0%</u>	<u>100.0%</u>	<u>70.9%</u>
20. Unit availability factor	<u>100.0%</u>	<u>100.0%</u>	<u>70.9%</u>
21. Unit cap factor (using MDC net)	<u>102.4%</u>	<u>102.9%</u>	<u>67.2%(1)</u>
22. Unit cap factor (using DER net)	<u>97.0%</u>	<u>97.4%</u>	<u>63.0%(1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>17.9%</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, 2001

COMPLETED BY L. Burr

TELEPHONE (734) 586-1525

Month February 2001

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1127	15	1128
2	1127	16	1127
3	797	17	1128
4	1107	18	1128
5	1126	19	1125
6	1127	20	1125
7	1128	21	1128
8	1126	22	1128
9	1118	23	1127
10	1112	24	1125
11	1128	25	1119
12	1127	26	1125
13	1127	27	1126
14	1126	28	1128

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: March 12, 2001

COMPLETED BY: L. Burr
 TELEPHONE: (734) 586-1525

REPORT MONTH February 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
R01-01	010203	S	0	B	5	N/A	AA TA	ROD V	Lowered reactor power to 60% 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.