

Detroit Edison



Reg. Guide 1.16

March 15, 2000
NRC-00-0020

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington D C 20555

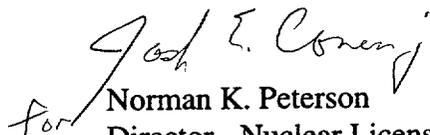
Reference: Fermi 2
NRC Docket No. 50-341
NRC Operating License No. NPF-43

Subject: Monthly Operating Status Report for February 2000

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for February 2000. 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,

for 
Norman K. Peterson
Director - Nuclear Licensing

Enclosures

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

OPERATING DATA REPORT

DOCKET NO. 50-341
 DATE March 15, 2000

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

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: February 2000
3. Licensed thermal power (MWt): 3430
4. Nameplate rating (Gross MWe): 1217
5. Design elect rating (Net MWe): 1116 (2)
6. Max dependable cap (Gross MWe): 1129
7. Max dependable cap (Net MWe): 1080

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): (2)

10. Reasons for restriction, if any: (2)

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. Hours in reporting period	<u>696</u>	<u>1,440</u>	<u>106,094</u>
12. Hours reactor was critical	<u>696</u>	<u>1,440</u>	<u>77,412.9</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>696</u>	<u>1,440</u>	<u>73,966.4</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,310,024</u>	<u>4,736,832</u>	<u>229,703,531</u>
17. Gross elect energy gen (MWH)	<u>807,850</u>	<u>1,657,470</u>	<u>75,297,567</u>
18. Net elect energy gen (MWH)	<u>774,923</u>	<u>1,590,336</u>	<u>71,964,425</u>
19. Unit service factor	<u>100.0%</u>	<u>100.0%</u>	<u>69.7%</u>
20. Unit availability factor	<u>100.0%</u>	<u>100.0%</u>	<u>69.7%</u>
21. Unit cap factor (using MDC net)	<u>103.1%</u>	<u>102.3%</u>	<u>65.5% (1)</u>
22. Unit cap factor (using DER net)	<u>99.8%</u>	<u>99.0%</u>	<u>61.3% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>19.4%</u>

24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each): Refueling Outage 7 (RFO7), April 1, 2000, 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.

(2) Design electrical rating reflects 97% reactor power. Power ascension to 97% reactor power was authorized and occurred on January 21, 1999.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-341

UNIT Fermi 2

DATE March 15, 2000

COMPLETED BY L. Burr

TELEPHONE (734) 586-1525

Month February, 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1121	16	1115
2	1121	17	1118
3	1119	18	1110
4	1119	19	1104
5	1119	20	1119
6	1120	21	1118
7	1118	22	1115
8	1119	23	1111
9	1116	24	1110
10	1117	25	1111
11	1118	26	1102
12	1120	27	1108
13	1118	28	1115
14	1117	29	1114
15	1118		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: March 15, 2000

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

REPORT MONTH February 2000

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

(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.