

Detroit Edison



Reg. Guide 1.16

September 14, 2000
NRC-00-0085

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 August 2000

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

A handwritten signature in black ink, appearing to read 'NKP', written over a horizontal line.

Norman K. Peterson
Director - Nuclear Licensing

Enclosures

cc: J. E. Dyer
D. S. Hood
M. A. Ring
M. V. Yudasz, Jr.
NRC Resident Office
Region III

OPERATING DATA REPORT

DOCKET NO. 50-341
 DATE September 14, 2000

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

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: August, 2000
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>744</u>	<u>5,855</u>	<u>110,509</u>
12. Hours reactor was critical	<u>744</u>	<u>4,767.5</u>	<u>80,740.4</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>744</u>	<u>4,604.8</u>	<u>77,131.2</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,518,416</u>	<u>15,298,200</u>	<u>240,264,899</u>
17. Gross elect energy gen (MWH)	<u>845,140</u>	<u>5,213,280</u>	<u>78,853,377</u>
18. Net elect energy gen (MWH)	<u>807,121</u>	<u>4,991,560</u>	<u>75,365,649</u>
19. Unit service factor	<u>100.0%</u>	<u>78.6%</u>	<u>69.8%</u>
20. Unit availability factor	<u>100.0%</u>	<u>78.6%</u>	<u>69.8%</u>
21. Unit cap factor (using MDC net)	<u>99.6%</u>	<u>78.8%</u>	<u>65.8% (1)</u>
22. Unit cap factor (using DER net)	<u>94.3%</u>	<u>75.8%</u>	<u>61.6% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.0%</u>	<u>18.7%</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 September 14, 2000

COMPLETED BY L. Burr

TELEPHONE (734) 586-1525

Month August, 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1097	16	1102
2	1095	17	1107
3	1108	18	1106
4	1109	19	1110
5	1104	20	1107
6	1095	21	1111
7	1095	22	1104
8	1092	23	1097
9	1093	24	1102
10	1103	25	1104
11	1069	26	1100
12	721	27	1105
13	1024	28	1100
14	1100	29	1097
15	1091	30	1095
		31	1095

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: September 14, 2000

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

REPORT MONTH August, 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
R00-03	000811	S	0	B	5	N/A	AA TA	ROD V	Lowered reactor power to 63% 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.