

Detroit Edison



Reg. Guide 1.16

November 15, 1999
NRC-99-0105

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

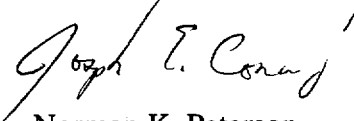
Reference: Fermi 2
NRC Docket No. 50-341
NRC Operating License No. NPF-43

Subject: Monthly Operating Status Report for October 1999

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for October 1999. 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.

If you have any questions, please contact me, at (734) 586-4258.

Sincerely,


for: Norman K. Peterson
Director - Nuclear Licensing

Enclosures

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

JEH

PDG ADDON 0500341

OPERATING DATA REPORT

DOCKET NO. 50-341
 DATE November 15, 1999

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

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: October 1999
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>745</u>	<u>7,296</u>	<u>103,190</u>
12. Hours reactor was critical	<u>745</u>	<u>7,251.7</u>	<u>74,508.9</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>745</u>	<u>7,234.5</u>	<u>71,062.4</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,475,528</u>	<u>23,705,112</u>	<u>220,112,579</u>
17. Gross elect energy gen (MWH)	<u>861,130</u>	<u>8,196,900</u>	<u>71,944,967</u>
18. Net elect energy gen (MWH)	<u>827,397</u>	<u>7,855,930</u>	<u>68,745,361</u>
19. Unit service factor	<u>100.0%</u>	<u>99.2%</u>	<u>68.9%</u>
20. Unit availability factor	<u>100.0%</u>	<u>99.2%</u>	<u>68.9%</u>
21. Unit cap factor (using MDC net)	<u>102.8%</u>	<u>99.7%</u>	<u>64.4% (1)</u>
22. Unit cap factor (using DER net)	<u>99.5%</u>	<u>96.5%</u>	<u>60.2% (1)</u>
23. Unit forced outage rate	<u>0.0%</u>	<u>0.8%</u>	<u>20.0%</u>

24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each): Refueling Outage 7 (RFO7), March 31, 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 November 15, 1999

COMPLETED BY L. Burr

TELEPHONE (734) 586-1525

Month October 1999

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1111	16	1100
2	1114	17	1113
3	1117	18	1120
4	1119	19	1120
5	1119	20	1119
6	1118	21	1098
7	1119	22	1104
8	1110	23	1120
9	1106	24	1121
10	1103	25	1117
11	1112	26	1114
12	1112	27	1120
13	1104	28	1110
14	1121	29	1106
15	1113	30	1102
		31	1103

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: November 15, 1999

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

REPORT MONTH October 1999

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.