



Fermi 2
6400 North Dixie Hwy
Newport, Michigan 48166
(313) 586-5300



Reg. Guide 1.16

December 12, 1997
NRC-97-0131

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 November 1997

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for November 1997. 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 6.9.1.6.

If you have any questions, please contact Larry Giles, at (313) 586-1522.

Sincerely,

Norman K. Peterson
Director - Nuclear Licensing

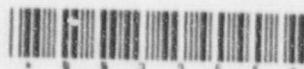
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Enclosures

cc: A. B. Beach
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Region III

100016



OPERATING DATA REPORT

DOCKET NO. 50-341

DATE December 12, 1997

COMPLETED BY H. B. Giles

TELEPHONE (313) 586-1522

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: November 1997
3. Licensed thermal power (MWt): 3430
4. Nameplate rating (Gross MWe): 1215 (3)
5. Design elect rating (Net MWe): 1116 (2)
6. Max dependable cap (Gross MWe): 1147
7. Max dependable cap (Net MWe): 1098

Notes: (1) Calculated using weighted averages to reflect variations in rating (MDC and DER) from initial commercial operation. (2) Design electrical rating reflects 96% reactor power, pending completion of Power Uprate Program Testing. (3) General Electric Company Alstom instruction manual.

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>720</u>	<u>8,016</u>	<u>86,390</u>
12. Hours reactor was critical	<u>720</u>	<u>5,086.2</u>	<u>59,510.9</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>720</u>	<u>4,717.7</u>	<u>56,213.7</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,374,416</u>	<u>14,634,600</u>	<u>172,470,011</u>
17. Gross elect energy gen (MWH)	<u>836,980</u>	<u>5,006,140</u>	<u>55,454,627</u>
18. Net Elect energy gen (MWH)	<u>804,616</u>	<u>4,787,611</u>	<u>52,943,100</u>
19. Unit service factor	<u>100.0</u>	<u>58.9</u>	<u>65.1</u>
20. Unit availability factor	<u>100.0</u>	<u>58.9</u>	<u>65.1</u>
21. Unit cap factor (using MDC net)	<u>101.8</u>	<u>60.2</u>	<u>59.7 (1)</u>
22. Unit cap factor (using DER net)	<u>100.1</u>	<u>53.5</u>	<u>55.5 (1)</u>
23. Unit forced outage rate	<u>0</u>	<u>36.9</u>	<u>23.1</u>
24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each):	<u>N/A</u>		
25. If shutdown at end of report period, estimated date of startup:	<u>N/A</u>		
26. Units in test status (prior to commercial operation):	<u>N/A</u>		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-341

UNIT Fermi 2

DATE December 12, 1997

COMPLETED BY H. B. Giles

TELEPHONE (313) 586-1522

Month November 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1111	16	1120
2	1115	17	1126
3	1118	18	1138
4	1119	19	1144
5	1118	20	1131
6	1115	21	1116
7	1115	22	1118
8	1115	23	1118
9	1118	24	1120
10	1117	25	1115
11	1119	26	1110
12	1119	27	1117
13	1120	28	1114
14	1117	29	1115
15	1119	30	1117

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 DATE: December 12, 1997

COMPLETED BY: H. B. Giles
 TELEPHONE: (313) 586-1522

REPORT MONTH November 1997

No. (6)	Date	TYPE (1)	Dur (Hrs)	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
									No power reductions in excess of 20% of the average daily power level for the preceding 24 hours occurred during this reporting period.

(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.