

Detroit
Edison

Fermi 2
6400 North Dixie Hwy
Newport, Michigan 48186
(313) 586-5300



Reg. Guide 1.16

August 13, 1997
NRC-97-0079

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 July 1997

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for July 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 Harry Giles, at (313) 586-1522.

Sincerely,

Norman K. Petersen
Acting Director - Nuclear Licensing

Enclosures

cc: A. B. Beach
D. R. Hahn
G. Harris
M. J. Jordan
A. J. Kugler
M. V. Yudas, Jr.
Region III

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OPERATING DATA REPORT

DOCKET NO. 50-341
 DATE August 13, 1997

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

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: July 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): 1120
7. Max dependable cap (Net MWe): 1070

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. (3) General Electric Company Alstom instruction manual. (4) October 3, 1997, 3-week midcycle outage planned to replace leaking fuel bundle.

8. If changes occur in capacity ratings (Items number 3 through 7) since last report, give reasons: MDC gross & net updated to reflect 96% reactor power operation with General Electric low pressure turbines.
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>744</u>	<u>5,087</u>	<u>83,461</u>
12. Hours reactor was critical	<u>744</u>	<u>2,490.3</u>	<u>56,915.00</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>744</u>	<u>2,157.3</u>	<u>53,653.3</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,444,136</u>	<u>6,570,912</u>	<u>164,406,323</u>
17. Gross elect energy gen (MWH)	<u>841,850</u>	<u>2,205,600</u>	<u>52,654,087</u>
18. Net Elect energy gen (MWH)	<u>805,758</u>	<u>2,105,329</u>	<u>50,260,818</u>
19. Unit service factor	<u>100.0</u>	<u>42.4</u>	<u>64.3</u>
20. Unit availability factor	<u>100.0</u>	<u>42.4</u>	<u>64.3</u>
21. Unit cap factor (using MDC net)	<u>101.2</u>	<u>38.7</u>	<u>58.3 (1)</u>
22. Unit cap factor (using DER net)	<u>97.0</u>	<u>37.1</u>	<u>54.5 (1)</u>
23. Unit forced outage rate	<u>0</u>	<u>56.2</u>	<u>23.9</u>
24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each):	<u>(4)</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>		

	FORECAST	ACHIEVED
Initial Criticality	<u>N/A</u>	<u>N/A</u>
Initial Electricity	<u>N/A</u>	<u>N/A</u>
Commercial Operation	<u>N/A</u>	<u>N/A</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-341

UNIT Fermi 2

DATE August 13, 1997

COMPLETED BY H. B. Giles

TELEPHONE (313) 586-1522

Month July 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1082	17	1073
2	1078	18	1067
3	1089	19	1085
4	1089	20	1088
5	1097	21	1078
6	1093	22	1085
7	1098	23	1086
8	1077	24	1087
9	1096	25	1076
10	1051	26	1069
11	1086	27	1076
12	1084	28	1081
13	1083	29	1094
14	1072	30	1095
15	1081	31	1092
16	1078		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 DATE: August 13, 1997

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

REPORT MONTH July 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.