

OPERATING DATA REPORT

DOCKET NO. 50-341
DATE September 15, 1997

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

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: August 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. (3) General Electric Company Alsthom 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 and net updated based on analysis of additional data collected at 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>5,831</u>	<u>84,205</u>
12. Hours reactor was critical	<u>744</u>	<u>3,243.3</u>	<u>57,659.0</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>744</u>	<u>2,901.3</u>	<u>54,397.3</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,441,640</u>	<u>9,012,552</u>	<u>166,847,963</u>
17. Gross elect energy gen (MWH)	<u>844,630</u>	<u>3,050,230</u>	<u>53,498,717</u>
18. Net Elect energy gen (MWH)	<u>807,578</u>	<u>2,912,907</u>	<u>51,068,396</u>
19. Unit service factor	<u>100.0</u>	<u>49.8</u>	<u>64.6</u>
20. Unit availability factor	<u>100.0</u>	<u>49.8</u>	<u>64.6</u>
21. Unit cap factor (using MDC net)	<u>98.9</u>	<u>52.4</u>	<u>59.2 (1)</u>
22. Unit cap factor (using DER net)	<u>97.3</u>	<u>44.8</u>	<u>54.9 (1)</u>
23. Unit forced outage rate	<u>0</u>	<u>48.8</u>	<u>23.6</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

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UNIT Fermi 2

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Month August 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1077	17	1089
2	1080	18	1089
3	1086	19	1097
4	1089	20	1086
5	1097	21	1074
6	1089	22	1086
7	1093	23	1101
8	1070	24	1097
9	1075	25	1097
10	1085	26	1095
11	1091	27	1088
12	1089	28	1092
13	1087	29	1089
14	1094	30	1088
15	1074	31	1089
16	1068		

UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH August 1997

No. (6)	Date	TYPE (1)	Dur (Hrs)	Reason (2)	Method of shutting down reactor or reducing power (3)	LEF 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.