

# OPERATING DATA REPORT

DOCKET NO. 50-341  
 DATE February 14, 1997

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

## OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: January, 1997
3. Licensed thermal power (MWt): 3430
4. Nameplate rating (Gross MWe): 1179
5. Design elect rating (Net MWe): 1116
6. Max dependable cap (Gross MWe): 924
7. Max dependable cap (Net MWe): 876

Notes: (1) Calculated using weighted averages to reflect variations in rating (MDC and DER). (2) Nameplate and DER ratings reflect 98% CTP due to turbine throttle valve limitations. (3) Fuel Cycle 6 began 1/3/97, limited unit operation in January due to MTG balancing and CM breaker failure.

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>744</u>	<u>744</u>	<u>79,118</u>
12. Hours reactor was critical	<u>326.7</u>	<u>326.7</u>	<u>54,751.40</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>82.2</u>	<u>82.2</u>	<u>51,578.20</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>214,752</u>	<u>214,752</u>	<u>158,050,163</u>
17. Gross elect energy gen (MWH)	<u>27,370</u>	<u>27,370</u>	<u>50,475,857</u>
18. Net Elect energy gen (MWH)	<u>24,754</u>	<u>24,754</u>	<u>48,180,243</u>
19. Unit service factor	<u>11.0</u>	<u>11.0</u>	<u>65.2</u>
20. Unit availability factor	<u>11.0</u>	<u>11.0</u>	<u>65.2</u>
21. Unit cap factor (using MDC net)	<u>3.8</u>	<u>3.8</u>	<u>59.2(1)</u>
22. Unit cap factor (using DER net)	<u>3.0</u>	<u>3.0</u>	<u>55.2 (1)</u>
23. Unit forced outage rate	<u>85.8</u>	<u>85.8</u>	<u>22.0</u>
24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each):	<u>(3)</u>		
25. If shutdown at end of report period, estimated date of startup:	<u>April 7, 1997</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 February 14, 1997

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TELEPHONE (313) 586-1522

Month January, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	73.1	19	0
4	205.1	20	0
5	335	21	0
6	418.2	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-341DATE February 14, 1997UNIT NAME Fermi 2COMPLETED BY H. B. GilesTELEPHONE (313) 586-1522REPORT MONTH January, 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
S96-08	961228	F	60.6	A	4	96-024	JE JC	LI	Reactor scram initiated while valving in the reactor water level reference leg back fill system.
R97-01	970106	S	83.7	B	5	N/A	TA	TRB	Unit load reduced and main turbine- generator tripped to add balance weights to the main turbine.
S97-01	970110	F	160	A	2	N/A	WF	LC	Reactor shutdown to repair high water level in 20" offgas manifold. Main turbine remained shutdown from 1/6/97.
S97-02	970117	F	357.5	A	2	N/A	TB	52	Main generator output breaker failed while attempting to synchronize to the grid. Reactor shutdown to inspect the main generator.

(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.