



Reg. Guide 1.16

January 15, 1997

NRC-97-0011

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 December, 1996

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for December, 1996. 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,

Peter W. Smith  
Director - Nuclear Licensing

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Enclosure

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Region III

220027

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1/1

# **OPERATING DATA REPORT**

DOCKET NO. 50-341  
 DATE January 15, 1997

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

## OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: December, 1996
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) Calculations using weighted averages to reflect variations in rating (MDC and DER).  
 Nameplate and DER ratings reflect 98% CTP due to turbine throttle valve limitations.  
 Scheduled 53 refuel outage extended due to concerns with SRV position indication during surveillance testing.

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): N/A
10. Reasons for restriction, if any: N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. Hours in reporting period	<u>744</u>	<u>8,784</u>	<u>78,374</u>
12. Hours reactor was critical	<u>128.3</u>	<u>6,073.1</u>	<u>54,424.7</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>0</u>	<u>5,859.7</u>	<u>51,496.0</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>0</u>	<u>18,224,208</u>	<u>157,835,411</u>
17. Gross elect energy gen (MWH)	<u>0</u>	<u>5,058,970</u>	<u>50,449,487</u>
18. Net Elect energy gen (MWH)	<u>0</u>	<u>4,790,020</u>	<u>48,155,489</u>
19. Unit service factor	<u>0</u>	<u>66.7</u>	<u>65.7</u>
20. Unit availability factor	<u>0</u>	<u>66.7</u>	<u>65.7</u>
21. Unit cap factor (using MDC net)	<u>0</u>	<u>62.3</u>	<u>59.7 (1)</u>
22. Unit cap factor (using DER net)	<u>0</u>	<u>48.9</u>	<u>55.7 (1)</u>
23. Unit forced outage rate	<u>100.0</u>	<u>22</u>	<u>21.5</u>
24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each):	<u>None</u>		
25. If shutdown at end of report period, estimated date of startup:	<u>January 1, 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 January 15, 1997

COMPLETED BY H. B. Giles

TELEPHONE (313) 586-1522

Month December, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	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. 50-341

DATE January 15, 1997

UNIT NAME Fermi 2

COMPLETED BY H. B. Giles

TELEPHONE (313) 586-1522

REPORT MONTH December, 1996

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
S96-04	961202	F	98.1	A	2	N/A	AC	RV PS	Unit shutdown to repair SRV 'A' tailpipe pressure switches.
S96-05	961207	F	333.4	A	2	96-022	AC	RV PS	Unit shutdown to relocate SRV 'A' tailpipe pressure switches.
S96-06	961222	F	27.6	A	2	N/A	AC	RV SOL	Unit shutdown to repair SRV 'D' solenoid actuator.
S96-07	961224	F	73.8	A	2	96-023	BF	VACB	Unit shutdown to repair T23-F400J drywell to torus vacuum breaker.
S96-08	961228	F	82.8	A	3	96-024	JE JC	LI	Reactor scram due to false level 2 and 8 initiation while valving in reference leg of Rx water level back fill.

(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.