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Edison

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Nuclear  
Operations

Reg. Guide 1.16

December 13, 1996  
NRC-96-0139

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, 1996

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for November, 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

Enclosure

cc: A. B. Beach  
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# OPERATING DATA REPORT

DOCKET NO. 50-341  
DATE December 13, 1996

COMPLETED BY H. P. Giles  
TELEPHONE (313) 522

## OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: November, 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) Calculated 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 EDG 11 Automatic Voltage Regulator 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): N/A
10. Reasons for restriction, if any: N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. Hours in reporting period	<u>720</u>	<u>8,040</u>	<u>77,630</u>
12. Hours reactor was critical	<u>31.4</u>	<u>5,944.8</u>	<u>54,296.4</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>0.0</u>	<u>72.9</u>	<u>66.3</u>
20. Unit availability factor	<u>0.0</u>	<u>72.9</u>	<u>66.3</u>
21. Unit cap factor (using MDC net)	<u>0.0</u>	<u>68.0</u>	<u>60.1 (1)</u>
22. Unit cap factor (using DER net)	<u>0</u>	<u>53.4</u>	<u>56.2 (1)</u>
23. Unit forced outage rate	<u>100.0</u>	<u>13.4</u>	<u>20.6</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>December 19, 1996</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 December 13, 1996

COMPLETED BY H. B. Giles

TELEPHONE (313) 586-1522

Month November, 1996

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

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-341

DATE December 13, 1996

UNIT NAME Fermi 2

COMPLETED BY H. B. Giles

TELEPHONE (313) 586-1522

REPORT MONTH November, 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
S96-02	960927	S	447.5	C	4	N/A	N/A	N/A	Unit shutdown to continue Refueling Outage No. 5.
S96-03	961120	F	272.5	A	4	N/A	EK	RG	Unit remained shutdown beyond the 53 day scheduled refuel outage due to EDG 11 Automatic Voltage Regulator Failure.

(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.