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Reg Guide 1.16

December 15, 1995  
NRC-95-0095

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington D. C. 20555

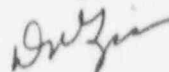
Reference: Fermi 2  
NRC Docket No. 50-341  
NRC Operating License No. NPF-43

Subject: Monthly Operating Status Report for November, 1995

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for November, 1995. 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,



Enclosure

cc: T. G. Colburn  
D. R. Hahn  
M. J. Jordan  
H. J. Miller  
A. Vogel  
M. V. Yudas, Jr.  
Region III

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## OPERATING DATA REPORT

DOCKET NO. 50-341  
 DATE December 15, 1995

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

### OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: November, 1995
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) Currently limiting power to 96% CTP maximum for Startup Test Program. Nameplate and DER ratings reflect 98% CTP due to turbine throttle valve limitations.

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): 96% CTP/3293 MWT
10. Reasons for restriction, if any: (2)

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. Hours in reporting period	<u>720</u>	<u>8,016.0</u>	<u>68,846.0</u>
12. Hours reactor was critical	<u>720</u>	<u>6,872.0</u>	<u>47,607.6</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>720</u>	<u>5,767.9</u>	<u>44,892.3</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,330,304</u>	<u>17,634,504</u>	<u>137,348,555</u>
17. Gross elect energy gen (MWH)	<u>652,250</u>	<u>4,788,760</u>	<u>44,762,717</u>
18. Net Elect energy gen (MWH)	<u>621,966</u>	<u>4,534,599</u>	<u>42,768,314</u>
19. Unit service factor	<u>100.0</u>	<u>72.0</u>	<u>65.2</u>
20. Unit availability factor	<u>100.0</u>	<u>72.0</u>	<u>65.2</u>
21. Unit cap factor (using MDC net)	<u>98.6</u>	<u>64.6</u>	<u>59.1 (1)</u>
22. Unit cap factor (using DER net)	<u>77.4</u>	<u>50.7</u>	<u>56.4 (1)</u>
23. Unit forced outage rate	<u>0</u>	<u>26.0</u>	<u>21.7</u>
24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each):			
25. If shutdown at end of report period, estimated date of startup:			
26. Units in test status (prior to commercial operation):			

	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 15, 1995

COMPLETED BY H. B. Giles

TELEPHONE (313) 586-1522

Month November, 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	882	17	879
2	880	18	879
3	841	19	879
4	571	20	879
5	721	21	879
6	881	22	880
7	881	23	879
8	882	24	879
9	881	25	879
10	880	26	879
11	880	27	886
12	881	28	889
13	881	29	880
14	881	30	880
15	880		
16	874		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-341

DATE December 15, 1995

UNIT NAME Fermi 2

COMPLETED BY H. B. Giles

TELEPHONE (313) 586-1522

REPORT MONTH November, 1995

No. (6)	Date	TYPE (1)	Dur (Hrs) (7)	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
R95-13	951103	S	0	B	5	N/A	AA	ROD	Reduce Rx power to 65% for control rod drive scram time testing, scram solenoid pilot valve work.

(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