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Reg Guide 1.16

November 15, 1995  
NRC-95-0093

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 October, 1995

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for October, 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  
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Region III

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# OPERATING DATA REPORT

DOCKET NO. 50-341  
DATE November 15, 1995

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

## OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: October, 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. (3) Main Generator Static Exciter consumption calculation was updated based on actual unit operating data. Difference between previously reported auxiliary power and updated value are accounted for in October, 1995.

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>745</u>	<u>7,296.0</u>	<u>68,126.0</u>
12. Hours reactor was critical	<u>745</u>	<u>6,152.0</u>	<u>46,887.6</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>745</u>	<u>5,047.9</u>	<u>44,172.3</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,360,256</u>	<u>15,304,200</u>	<u>135,018,251</u>
17. Gross elect energy gen (MWH)	<u>660,020</u>	<u>4,136,510</u>	<u>44,110,467</u>
18. Net Elect energy gen (MWH)	<u>632,439</u>	<u>3,912,633 (3)</u>	<u>42,146,348 (3)</u>
19. Unit service factor	<u>100.0</u>	<u>69.2</u>	<u>64.8</u>
20. Unit availability factor	<u>100.0</u>	<u>69.2</u>	<u>64.8</u>
21. Unit cap factor (using MDC net)	<u>96.9</u>	<u>61.2</u>	<u>58.7 (1)</u>
22. Unit cap factor (using DER net)	<u>76.1</u>	<u>48.1</u>	<u>56.1 (1)</u>
23. Unit forced outage rate	<u>0</u>	<u>28.6</u>	<u>22.0</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 November 15, 1995

COMPLETED BY H. B. Giles

TELEPHONE (313) 586-1522

Month October, 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	879	17	881
2	879	18	880
3	879	19	880
4	880	20	859
5	880	21	617
6	879	22	699
7	879	23	876
8	879	24	880
9	880	25	881
10	880	26	881
11	880	27	880
12	879	28	878
13	845	29	880
14	561	30	879
15	592	31	881
16	866		

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-341

DATE November 15, 1995

UNIT NAME Fermi 2

COMPLETED BY H. B. Giles

TELEPHONE (313) 586-1522

REPORT MONTH October, 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
R95-11	951013	S	0	B	5	N/A	AA	ROD	Reduce Rx power to 65% for control rod drive scram time testing, main turbine valve surveillances.
R95-12	951020	S	0	B	5	N/A	AA	ROD	Reduce Rx power to 70% for power suppression testing, control rod deep/shallow swap.

(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