



Fermi 2
6400 North Dixie Highway
Newport, Michigan 48166
(313) 586-4000



Nuclear
Operations

Reg. Guide 1.16

October 10, 1996

NRC-96-0080

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 September, 1996

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for September, 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
D. R. Hahn
M. J. Jordan
A. J. Kugler
A. Vogel
M. V. Yudas, Jr.
Region III

160065

9610160399 960930
PDR ADDOCK 05000341
R PDR

1/1
1624

OPERATING DATA REPORT

DOCKET NO. 50-341
DATE October 10, 1996

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

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: September, 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.

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>6,575</u>	<u>76,165</u>
12. Hours reactor was critical	<u>645.9</u>	<u>5,913.4</u>	<u>54,265.0</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>639.5</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>1,873,296</u>	<u>18,224,208</u>	<u>157,835,411</u>
17. Gross elect energy gen (MWH)	<u>518,370</u>	<u>5,056,970</u>	<u>50,449,487</u>
18. Net Elect energy gen (MWH)	<u>487,355</u>	<u>4,790,020</u>	<u>48,155,489</u>
19. Unit service factor	<u>88.8</u>	<u>89.1</u>	<u>67.6</u>
20. Unit availability factor	<u>88.8</u>	<u>89.1</u>	<u>67.6</u>
21. Unit cap factor (using MDC net)	<u>77.3</u>	<u>83.2</u>	<u>61.1 (1)</u>
22. Unit cap factor (using DER net)	<u>60.7</u>	<u>65.3</u>	<u>57.3 (1)</u>
23. Unit forced outage rate	<u>0</u>	<u>9.8</u>	<u>20.2</u>
24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each): <u>Refuel, Sept. 27, 1996, 53 days</u>			
25. If shutdown at end of report period, estimated date of startup: <u>Nov. 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 October 10, 1996

COMPLETED BY H. B. Giles

TELEPHONE (313) 586-1522

Month September, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	755	16	798
2	755	17	798
3	753	18	799
4	745	19	798
5	745	20	795
6	745	21	798
7	691	22	796
8	756	23	797
9	758	24	798
10	757	25	798
11	762	26	797
12	769	27	193
13	768	28	0
14	785	29	0
15	798	30	0

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-341

DATE October 10, 1996

UNIT NAME Fermi 2

COMPLETED BY H. B. Giles

TELEPHONE (313) 586-1522

REPORT MONTH September, 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
R96-11	960907	S	0 (7)	H	5	N/A	AA	ROD	Power reduced to 60% CTP to perform control rod pattern adjustment.
S96-02	960927	S	80.5	C	2	N/A	N/A	N/A	Unit shutdown to begin Refueling Outage No. 5.

(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.