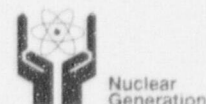




Fermi 2
6400 North Dixie Hwy
Newport, Michigan 48166
(313) 586-5300



Reg. Guide 1.16

June 13, 1997

NRC-97-0063

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 May 1997

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for May 1997. 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,

Norman K. Peterson
Acting Director - Nuclear Licensing

9706190439 970531
PDR ADOCK 05000341
R PDR

Enclosures

cc: A. B. Beach
D. R. Hahn
G. A. Harris
M. J. Jordan
A. J. Kugler
M. V. Yudas, Jr.
Region III

100000



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OPERATING DATA REPORT

DOCKET NO. 50-341
DATE June 13, 1997

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

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: May 1997
3. Licensed thermal power (MWt): 3430
4. Nameplate rating (Gross MWe): 1179 (2)
5. Design elect rating (Net MWe): 1116 (2)
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) from initial commercial operation. (2) Nameplate and DER ratings reflect 98% reactor power level due to turbine throttle valve limitations. (3) October 3, 1997, 3-week midcycle outage planned to replace leaking fuel bundle.

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): (2)
10. Reasons for restriction, if any: (2)

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. Hours in reporting period	<u>744</u>	<u>3,623</u>	<u>81,997</u>
12. Hours reactor was critical	<u>699.6</u>	<u>1,026.3</u>	<u>55,451.00</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>611.1</u>	<u>693.3</u>	<u>52,189.30</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>1,719,336</u>	<u>1,934,088</u>	<u>159,769,499</u>
17. Gross elect energy gen (MWH)	<u>583,750</u>	<u>611,120</u>	<u>51,059,607</u>
18. Net Elect energy gen (MWH)	<u>556,774</u>	<u>581,528</u>	<u>48,737,017</u>
19. Unit service factor	<u>82.1</u>	<u>19.1</u>	<u>63.7</u>
20. Unit availability factor	<u>82.1</u>	<u>19.1</u>	<u>63.7</u>
21. Unit cap factor (using MDC net)	<u>85.4</u>	<u>18.3</u>	<u>58.1 (1)</u>
22. Unit cap factor (using DER net)	<u>67.1</u>	<u>14.4</u>	<u>53.8(1)</u>
23. Unit forced outage rate	<u>17.9</u>	<u>79.9</u>	<u>24.4</u>
24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each):	<u>(3)</u>		
25. If shutdown at end of report period, estimated date of startup:	<u>N/A</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 June 13, 1997

COMPLETED BY H. B. Giles

TELEPHONE (313) 586-1522

Month May 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	918
2	0	18	1015
3	0	19	1059
4	0	20	1081
5	0	21	1082
6	74	22	1082
7	176	23	1079
8	596	24	1066
9	644	25	1074
10	807	26	1075
11	997	27	1072
12	958	28	1068
13	700	28	1063
14	771	30	1053
15	747	31	1061
16	886		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 DATE: June 13, 1997

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

REPORT MONTH May 1997

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
S97-02	970117	F	132.9	A	4	N/A	TB	52	Main generator output breaker (CM) failed while attempting to synchronize to the grid. Reactor remained shutdown to inspect and repair the main generator.
R97-02	970512	F	0 (7)	B	5	N/A	AA	ROD	Reactor power lowered to ~65% to conduct power suppression testing associated with leaking fuel rod.

(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.