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Nuclear  
Operations

Reg Guide 1.16

April 15, 1993  
NRC-93-0045

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 March,  
1993

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for March, 1993. 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 Brian Stone, at (313) 586-5148.

Sincerely,

Enclosure

cc: T. G. Colburn  
A. B. Davis  
D. R. Hahn  
W. J. Kropp  
M. P. Phillips  
P. L. Torpey

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# OPERATING DATA REPORT

DOCKET NO. 50-341

COMPLETED BY B. J. Stone

DATE April 15, 1993

TELEPHONE (313) 586-5148

## OPERATING STATUS

1. UNIT NAME: Fermi 2 | Notes: (1) Calculated using weight-
2. REPORTING PERIOD: March, 1993 | ed averages to reflect variations |
3. LICENSED THERMAL POWER (Mwt): 3430 | in rating (MDC and DER). |
4. NAMEPLATE RATING (GROSS MWe): 1179 | (2) Currently operating at 98% CTP |
5. DESIGN ELECT RATING (Net MWe): 1116 | maximum due to throttle valve |
6. MAX DEPENDABLE CAP (GROSS MWe): 1135 | limitations at the current operating |
7. MAX DEPENDABLE CAP (Net MWe): 1085 | pressure limit; all ratings reflect |
- | this power level. |

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	YR TO DATE	CUMULATIVE
11. HRS IN REPORTING PERIOD	<u>744</u>	<u>2,160</u>	<u>45,470</u>
12. HRS REACTOR WAS CRITICAL	<u>744</u>	<u>2,064.5</u>	<u>34,467.7</u>
13. REACTOR RESERVE SHUTDOWN HRS	<u>0</u>	<u>0</u>	<u>0</u>
14. HOURS GENERATOR ON-LINE	<u>744</u>	<u>2,046.5</u>	<u>33,093.6</u>
15. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
16. GROSS THERMAL ENERGY GEN (MWH)	<u>2,491,392</u>	<u>6,683,184</u>	<u>100,770,479.4</u>
17. GROSS ELECT ENERGY GEN (MWH)	<u>857,630</u>	<u>2,303,340</u>	<u>33,631,087</u>
18. NET ELECT ENERGY GEN (MWH)	<u>825,368</u>	<u>2,215,340</u>	<u>32,164,341</u>
19. UNIT SERVICE FACTOR	<u>100</u>	<u>94.8</u>	<u>72.8</u>
20. UNIT AVAILABILITY FACTOR	<u>100</u>	<u>94.8</u>	<u>72.8</u>
21. UNIT CAP FACTOR (USING MDC NET)	<u>102.3</u>	<u>94.5</u>	<u>66.1 (1)</u>
22. UNIT CAP FACTOR (USING DER NET)	<u>99.4 (1)</u>	<u>91.9 (1)</u>	<u>64.6 (1)</u>
23. UNIT FORCED OUTAGE RATE	<u>0</u>	<u>5.3</u>	<u>7.6</u>

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, DURATION OF EACH):

25. IF SHUT DOWN 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 April 15, 1993  
 COMPLETED BY E. Dawson  
 TELEPHONE (313) 586-5027

Month March, 1993

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>1118</u>
2	<u>1117</u>
3	<u>1115</u>
4	<u>1108</u>
5	<u>1118</u>
6	<u>1118</u>
7	<u>1116</u>
8	<u>1115</u>
9	<u>1117</u>
10	<u>1116</u>
11	<u>1088</u>
12	<u>1054</u>
13	<u>1117</u>
14	<u>1121</u>
15	<u>1119</u>
16	<u>1111</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>1116</u>
18	<u>1119</u>
19	<u>1116</u>
20	<u>1113</u>
21	<u>1113</u>
22	<u>1114</u>
23	<u>1097</u>
24	<u>1112</u>
25	<u>1113</u>
26	<u>1116</u>
27	<u>1113</u>
28	<u>1110</u>
29	<u>1106</u>
30	<u>1105</u>
31	<u>1103</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-341DATE April 15, 1993UNIT NAME Ferri 2COMPLETED BY B. J. StoneREPORT MONTH March, 1993TELEPHONE (313) 586-5148

NO. (6)	DATE	TYPE (1)	DUR (HRS) (7)	REASON (2)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (3)	LER NO.	SYS CODE (4)	COMP CODE (5)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
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(1) F: FORCED  
S: SCHEDULED

(2) REASON:

A - EQUIPMENT FAILURE (EXPLAIN)  
 B - MAINTENANCE OR TEST  
 C - REFUELING  
 D - REGULATORY RESTRICTION  
 E - OPERATOR TRAINING & 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 INDICATES PLANT  
 SHUTDOWN.

(7) DURATION OF REDUCTIONS  
 REPORTED AS ZERO PER REG.  
 GUIDE 1.16 REV. 4

\* SG = CONDENSER SYSTEM; COND = CONDENSER  
 KE = HEAT REJECTION SYSTEM; 27 = RELAY, UNDERVOLTAGE; 94 = RELAY, TRIPPING