

Detroit Edison



Reg. Guide 1.16

September 8, 2003
NRC-03-0076

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 August 2003

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for August 2003. This report includes the Operating Data Report, Average Daily Unit Power Level Data, and the Summary of Unit Shutdowns and Power Reductions identified in NRC Regulatory Guide 1.16 and Fermi 2 Technical Specification 5.6.4.

Should you have any questions or require additional information, please contact me at (734) 586-4258.

Sincerely,



Norman K. Peterson
Manager – Nuclear Licensing

Enclosures

cc: R. J. Aben, Jr.
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NRC Resident Office
Region III

IE24

OPERATING DATA REPORT

DOCKET NO. 50-341
DATE September 8, 2003

COMPLETED BY Kevin Burke
TELEPHONE (734) 586-5148

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: August 2003
3. Licensed thermal power (MWt): 3430
4. Nameplate rating (Gross MWe): 1217
5. Design elect rating (Net MWe): 1150
6. Max dependable cap (Gross MWe): 1140
7. Max dependable cap (Net MWe): 1089
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 restrictions, if any: N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. Hours in reporting period	<u>744</u>	<u>5,831</u>	<u>136,789</u>
12. Hours reactor was critical	<u>641.8</u>	<u>4,780</u>	<u>105,062</u>
13. Reactor reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours generator on-line	<u>614.5</u>	<u>4,669</u>	<u>101,198</u>
15. Unit reserve shutdown hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross thermal energy gen (MWH)	<u>2,044,512</u>	<u>15,557,736</u>	<u>321,130,643</u>
17. Gross elect energy gen (MWH)	<u>680,605</u>	<u>5,250,395</u>	<u>106,151,230</u>
18. Net elect energy gen (MWH)	<u>649,492</u>	<u>5,022,306</u>	<u>101,518,051</u>
19. Unit service factor	<u>82.6%</u>	<u>80.1%</u>	<u>74.0%</u>
20. Unit availability factor	<u>82.6%</u>	<u>80.1%</u>	<u>74.0%</u>
21. Unit cap factor (using MDC Net)	<u>80.2%</u>	<u>79.1%</u>	<u>81.8% (1)</u>
22. Unit cap factor (using DER Net)	<u>75.9%</u>	<u>74.9%</u>	<u>76.6% (1)</u>
23. Unit forced outage rate	<u>17.4%</u>	<u>3.2%</u>	<u>15.2%</u>
24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each):	<u>N/A</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>		

Notes: (1) Calculated using weighted averages to reflect variations in rating (MDC and DER) from initial commercial operation.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-341

UNIT Fermi 2

DATE September 8, 2003

COMPLETED BY Kevin Burke

TELEPHONE (734) 586-5148

Month August 2003

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1098	17	0
2	1102	18	0
3	1102	19	0
4	1105	20	297
5	1105	21	801
6	1102	22	1074
7	1102	23	1078
8	1101	24	1110
9	1106	25	1097
10	1106	26	1094
11	1104	27	1101
12	1101	28	1107
13	1100	29	1094
14	945	30	1113
15	0	31	1113
16	0		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: September 8, 2003

COMPLETED BY: Kevin Burke
 TELEPHONE: (734) 586-5148

REPORT MONTH August 2003

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
S03-03	08/14/03	F	129.5	H	3	03-002	TB	TG	Automatic reactor scram on turbine control valve fast closure signal following a loss of offsite power due to regional transmission grid failure.

(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.