

Detroit Edison



Reg. Guide 1.16

August 12, 2003
NRC-03-0066

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 July 2003

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for July 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,

A handwritten signature in black ink, appearing to be 'N. Peterson'.

Norman K. Peterson
Manager – Nuclear Licensing

Enclosures

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

IE24

OPERATING DATA REPORT

DOCKET NO. 50-341
 DATE August 12, 2003

COMPLETED BY Kevin Burke
 TELEPHONE (734) 586-5148

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: July 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>5,087</u> | <u>136,045</u> |
| 12. Hours reactor was critical | <u>744.0</u> | <u>4,138</u> | <u>104,420</u> |
| 13. Reactor reserve shutdown hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 14. Hours generator on-line | <u>744.0</u> | <u>4,055</u> | <u>100,583</u> |
| 15. Unit reserve shutdown hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 16. Gross thermal energy gen (MWH) | <u>2,542,584</u> | <u>13,513,224</u> | <u>319,086,131</u> |
| 17. Gross elect energy gen (MWH) | <u>853,936</u> | <u>4,569,790</u> | <u>105,470,625</u> |
| 18. Net elect energy gen (MWH) | <u>815,027</u> | <u>4,372,813</u> | <u>100,868,559</u> |
| 19. Unit service factor | <u>100.0%</u> | <u>79.7%</u> | <u>73.9%</u> |
| 20. Unit availability factor | <u>100.0%</u> | <u>79.7%</u> | <u>73.9%</u> |
| 21. Unit cap factor (using MDC Net) | <u>100.6%</u> | <u>78.9%</u> | <u>81.8% (1)</u> |
| 22. Unit cap factor (using DER Net) | <u>95.3%</u> | <u>74.7%</u> | <u>76.6% (1)</u> |
| 23. Unit forced outage rate | <u>0.0%</u> | <u>0.6%</u> | <u>15.2%</u> |

24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each): N/A
25. If shutdown at end of report period, estimated date of startup: N/A
26. Units in test status (prior to commercial operation): N/A

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 August 12, 2003

COMPLETED BY Kevin Burke

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Month July 2003

| DAY | AVERAGE DAILY POWER LEVEL (Mwe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|-------------------------------------|-----|-------------------------------------|
| 1 | 1096 | 17 | 1092 |
| 2 | 1091 | 18 | 1100 |
| 3 | 1086 | 19 | 1102 |
| 4 | 1083 | 20 | 1093 |
| 5 | 1087 | 21 | 1092 |
| 6 | 1089 | 22 | 1098 |
| 7 | 1088 | 23 | 1099 |
| 8 | 1087 | 24 | 1097 |
| 9 | 1095 | 25 | 1093 |
| 10 | 1090 | 26 | 1090 |
| 11 | 1095 | 27 | 1086 |
| 12 | 1100 | 28 | 1101 |
| 13 | 1099 | 29 | 1102 |
| 14 | 1095 | 30 | 1099 |
| 15 | 1089 | 31 | 1094 |
| 16 | 1095 | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: August 12, 2003

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

REPORT MONTH July 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 |
|---------|------|-------------|---------------|------------|--|------------|--------------|------------------|--|
| N/A | | | | | | | | | |
| | | | | | | | | | |

(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.