

Detroit Edison



Reg. Guide 1.16

May 14, 2001
NRC-01-0042

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 April 2001

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for April 2001. 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 5.6.4.

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

Sincerely,



Norman K. Peterson
Director – Nuclear Licensing

Enclosures

cc: J. E. Dyer
T. J. Kim
M. A. Ring
M. V. Yudas, Jr.
NRC Resident Office
Region III

JE24

OPERATING DATA REPORT

DOCKET NO. 50-341
DATE May 14, 2001

COMPLETED BY L. Burr
TELEPHONE (734) 586-1525

OPERATING STATUS

1. Unit name: Fermi 2
2. Reporting period: April 2001
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>719</u> | <u>2,879</u> | <u>116,317</u> |
| 12. Hours reactor was critical | <u>688.4</u> | <u>2,848.4</u> | <u>86,517.8</u> |
| 13. Reactor reserve shutdown hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 14. Hours generator on-line | <u>655.1</u> | <u>2,815.1</u> | <u>82,875.2</u> |
| 15. Unit reserve shutdown hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 16. Gross thermal energy gen (MWH) | <u>2,198,280</u> | <u>9,559,728</u> | <u>259,825,067</u> |
| 17. Gross elect energy gen (MWH) | <u>738,230</u> | <u>3,251,820</u> | <u>85,502,667</u> |
| 18. Net elect energy gen (MWH) | <u>707,726</u> | <u>3,121,216</u> | <u>81,748,606</u> |
| 19. Unit service factor | <u>91.1%</u> | <u>97.8%</u> | <u>71.2%</u> |
| 20. Unit availability factor | <u>91.1%</u> | <u>97.8%</u> | <u>71.2%</u> |
| 21. Unit cap factor (using MDC net) | <u>90.4%</u> | <u>99.6%</u> | <u>67.6%(1)</u> |
| 22. Unit cap factor (using DER net) | <u>85.6%</u> | <u>94.3%</u> | <u>63.3%(1)</u> |
| 23. Unit forced outage rate | <u>0.0%</u> | <u>0.0%</u> | <u>17.7%</u> |
| 24. Shutdowns scheduled over next 6 months (Type, Date, Duration of each): | <u>Refueling Outage 8, 10/26/2001, 35 days</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 May 14, 2001

COMPLETED BY L. Burr

TELEPHONE (734) 586-1525

Month April 2001

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|---|-----|---|
| | | | |
| 1 | 1116 | 16 | 1119 |
| | | | |
| 2 | 1125 | 17 | 1124 |
| | | | |
| 3 | 1125 | 18 | 1124 |
| | | | |
| 4 | 1124 | 19 | 1123 |
| | | | |
| 5 | 1123 | 20 | 1117 |
| | | | |
| 6 | 1109 | 21 | 1105 |
| | | | |
| 7 | 1113 | 22 | 1106 |
| | | | |
| 8 | 1097 | 23 | 1097 |
| | | | |
| 9 | 1118 | 24 | 1113 |
| | | | |
| 10 | 1119 | 25 | 1120 |
| | | | |
| 11 | 1115 | 26 | 1114 |
| | | | |
| 12 | 1101 | 27 | 121 |
| | | | |
| 13 | 1116 | 28 | 0 |
| | | | |
| 14 | 1116 | 29 | 0 |
| | | | |
| 15 | 1119 | 30 | 457 |
| | | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-341
 UNIT NAME: Fermi 2
 DATE: May 14, 2001

COMPLETED BY: L. Burr
 TELEPHONE: (734) 586-1525

REPORT MONTH April 2001

| 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 |
|---------|--------|-------------|---------------|------------|--|------------|--------------|------------------|--|
| S01-01 | 010427 | S | 63.9 | B | 1 | N/A | BO | V | Plant shutdown to repair an approximately 0.5 gpm coolant leak inside the drywell. Repair consisted of repacking a valve on a pressure relief line for the residual heat removal system. |

(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.