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Reg Guide 1.16



Nuclear
Generation

April 16, 1990
NRC-90-0064

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, 1990

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for March, 1990. 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 Patricia Anthony at (313) 586-1617.

Sincerely,

W. S. Orser
Vice President
Nuclear Operations

Enclosure

cc: A. B. Davis
J. R. Eckert
D. R. Hahn
R. W. DeFayette/W. I. Axelson
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OPERATING DATA REPORT

DOCKET NO. 50-341

COMPLETED BY P. M. Anthony

DATE April 16, 1990

TELEPHONE (313) 586-1617

OPERATING STATUS

- | | |
|--|--------|
| 1. UNIT NAME: <u>Ferri 2</u> | Notes: |
| 2. REPORTING PERIOD: <u>March, 1990</u> | |
| 3. LICENSED THERMAL POWER (Mwt): <u>3293</u> | |
| 4. NAMEPLATE RATING (GROSS MWe): <u>1154</u> | |
| 5. DESIGN ELECT RATING (Net MWe): <u>1067</u> | |
| 6. MAX DEPENDABLE CAP (GROSS MWe): <u>1134</u> | |
| 7. MAX DEPENDABLE CAP (Net MWe): <u>1047</u> | |
| 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: <u>Lines 5 through 7 revised based on ECAR testing.</u> | |
| 9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (MWe Net): <u>None</u> | |
| 10. REASONS FOR RESTRICTION, IF ANY: <u>None</u> | |

| | THIS MONTH | YR TO DATE | CUMULATIVE |
|-------------------------------------|------------------|------------------|-------------------|
| 11. HRS IN REPORTING PERIOD | <u>744</u> | <u>2160</u> | <u>19,166</u> |
| 12. HRS REACTOR WAS CRITICAL | <u>744</u> | <u>2160</u> | <u>13,256.9</u> |
| 13. REACTOR RESERVE SHUTDOWN HRS | <u>0</u> | <u>0</u> | <u>0</u> |
| 14. HOURS GENERATOR ON-LINE | <u>744</u> | <u>2160</u> | <u>12,456.8</u> |
| 15. UNIT RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 16. GROSS THERMAL ENERGY GEN (MWH) | <u>2,413,032</u> | <u>6,895,800</u> | <u>36,257,762</u> |
| 17. GROSS ELECT ENERGY GEN (MWH) | <u>815,670</u> | <u>2,330,000</u> | <u>12,074,357</u> |
| 18. NET ELECT ENERGY GEN (MWH) | <u>782,916</u> | <u>2,235,906</u> | <u>11,548,757</u> |
| 19. UNIT SERVICE FACTOR | <u>100</u> | <u>100</u> | <u>65.0</u> |
| 20. UNIT AVAILABILITY FACTOR | <u>100</u> | <u>100</u> | <u>65.0</u> |
| 21. UNIT CAP FACTOR (USING MDC NET) | <u>100.5</u> | <u>101.4</u> | <u>57.6</u> |
| 22. UNIT CAP FACTOR (USING DER NET) | <u>98.6</u> | <u>97.6</u> | <u>55.3</u> |
| 23. UNIT FORCED OUTAGE RATE | <u>0</u> | <u>0</u> | <u>15.1</u> |

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, DURATION OF EACH)
None.
25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A
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 16, 1990
 COMPLETED BY E. Dawson
 TELEPHONE (313) 586-5027

Month March, 1990

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

| | |
|----|-------------|
| 1 | <u>1074</u> |
| 2 | <u>1038</u> |
| 3 | <u>1076</u> |
| 4 | <u>1080</u> |
| 5 | <u>1076</u> |
| 6 | <u>1078</u> |
| 7 | <u>1071</u> |
| 8 | <u>1069</u> |
| 9 | <u>1039</u> |
| 10 | <u>1066</u> |
| 11 | <u>1068</u> |
| 12 | <u>1046</u> |
| 13 | <u>1048</u> |
| 14 | <u>1048</u> |
| 15 | <u>1040</u> |
| 16 | <u>1030</u> |

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

| | |
|----|-------------|
| 17 | <u>1059</u> |
| 18 | <u>1067</u> |
| 19 | <u>1074</u> |
| 20 | <u>1074</u> |
| 21 | <u>1070</u> |
| 22 | <u>1063</u> |
| 23 | <u>1049</u> |
| 24 | <u>1080</u> |
| 25 | <u>1075</u> |
| 26 | <u>1077</u> |
| 27 | <u>1078</u> |
| 28 | <u>1077</u> |
| 29 | <u>1072</u> |
| 30 | <u>1062</u> |
| 31 | <u>731</u> |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-341
 UNIT NAME Fermi 2

DATE April 16, 1990
 COMPLETED BY P. M. Anthony
 TELEPHONE (313)586-1617

REPORT MONTH March, 1990

| NO. | DATE | TYPE (1) | DUR (HRS) | REASON (2) | METHOD OF SHUTTING DOWN THE REACTOR (3) | LER NO. | SYS CODE (4) | COMP CODE (5) | CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE |
|--------|----------|-------------|--------------|---------------|--|------------|--------------------|---------------------|--|
| 90-003 | 03/31/90 | S | | B | 5 | -- | | | Reduced power to perform weekly Turbine Steam valve surveillance and then continued to approximately 60% power for control rod sequence exchange and scram timing. |

(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) EXHIBIT G - INSTRUCTIONS
 FOR PREPARATION OF DATA
 ENTRY SHEETS FOR LICENSEE
 EVENT REPORT (LER) FILE
 (NUREG-0161)

(5) EXHIBIT 1 - SAME SOURCE