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Reg Guide 1.16

February 15, 1995  
NRC-95-0016

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 January, 1995

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for January, 1995. 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,

*Robert McKeon*

Enclosure

cc: T. G. Colburn  
D. R. Hahn  
J. B. Martin  
M. P. Phillips  
P. L. Torpey  
A. Vogel

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# OPERATING DATA REPORT

DOCKET NO. 50-341

COMPLETED BY B. J. Stone

DATE February 15, 1995

TELEPHONE (313) 586-5148

## OPERATING STATUS

- |  |  |
|--|--|
| 1. UNIT NAME: <u>Fermi 2</u>                   | Notes: (1) Calculated using weight-<br>ed averages to reflect variations<br>in rating (MDC and DER).<br>(2) Currently limiting power to<br>80% CTP maximum for Startup Test<br>Program. All ratings reflect 98%<br>CTP due to turbine throttle valve<br>limitations. |
| 2. REPORTING PERIOD: <u>January, 1995</u>      |  |
| 3. LICENSED THERMAL POWER (MWt): <u>3430</u>   |  |
| 4. NAMEPLATE RATING (GROSS MWe): <u>1179</u>   |  |
| 5. DESIGN ELECT RATING (Net MWe): <u>1116</u>  |  |
| 6. MAX DEPENDABLE CAP (GROSS MWe): <u>1135</u> |  |
| 7. MAX DEPENDABLE CAP (Net MWe): <u>1085</u>   |  |

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>744</u>     | <u>61,574</u>      |
| 12. HRS REACTOR WAS CRITICAL        | <u>668.8</u>   | <u>668.8</u>   | <u>41,404.4</u>    |
| 13. REACTOR RESERVE SHUTDOWN HRS    | <u>0</u>       | <u>0</u>       | <u>0</u>           |
| 14. HOURS GENERATOR ON-LINE         | <u>211.5</u>   | <u>211.5</u>   | <u>39,335.9</u>    |
| 15. UNIT RESERVE SHUTDOWN HOURS     | <u>0</u>       | <u>0</u>       | <u>0</u>           |
| 16. GROSS THERMAL ENERGY GEN (MWH)  | <u>488,352</u> | <u>488,352</u> | <u>120,202,403</u> |
| 17. GROSS ELECT ENERGY GEN (MWH)    | <u>74,910</u>  | <u>74,910</u>  | <u>40,048,867</u>  |
| 18. NET ELECT ENERGY GEN (MWH)      | <u>68,060</u>  | <u>68,060</u>  | <u>38,301,775</u>  |
| 19. UNIT SERVICE FACTOR             | <u>28.4</u>    | <u>28.4</u>    | <u>63.9</u>        |
| 20. UNIT AVAILABILITY FACTOR        | <u>28.4</u>    | <u>28.4</u>    | <u>63.9</u>        |
| 21. UNIT CAP FACTOR (USING MDC NET) | <u>8.4</u>     | <u>8.4</u>     | <u>57.9(1)</u>     |
| 22. UNIT CAP FACTOR (USING DER NET) | <u>8.2</u>     | <u>8.2</u>     | <u>56.5(1)</u>     |
| 23. UNIT FORCED OUTAGE RATE         | <u>66.9</u>    | <u>66.9</u>    | <u>21.6</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:

FEBRUARY 12, 1995.

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 February 15, 1995  
 COMPLETED BY T. Lovell  
 TELEPHONE (313) 586-5027

Month January, 1995

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

|    |          |
|----|----------|
| 1  | <u>0</u> |
| 2  | <u>0</u> |
| 3  | <u>0</u> |
| 4  | <u>0</u> |
| 5  | <u>0</u> |
| 6  | <u>0</u> |
| 7  | <u>0</u> |
| 8  | <u>0</u> |
| 9  | <u>0</u> |
| 10 | <u>0</u> |
| 11 | <u>0</u> |
| 12 | <u>0</u> |
| 13 | <u>0</u> |
| 14 | <u>0</u> |
| 15 | <u>0</u> |
| 16 | <u>0</u> |

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

|    |            |
|----|------------|
| 17 | <u>0</u>   |
| 18 | <u>4</u>   |
| 19 | <u>112</u> |
| 20 | <u>106</u> |
| 21 | <u>125</u> |
| 22 | <u>295</u> |
| 23 | <u>453</u> |
| 24 | <u>503</u> |
| 25 | <u>503</u> |
| 26 | <u>555</u> |
| 27 | <u>188</u> |
| 28 | <u>0</u>   |
| 29 | <u>0</u>   |
| 30 | <u>0</u>   |
| 31 | <u>0</u>   |

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-341DATE February 15, 1995UNIT NAME Fermi 2COMPLETED BY B. J. StoneREPORT MONTH January, 1995TELEPHONE (313) 586-5148

| NO.<br>(6) | DATE   | TYPE<br>(1) | DUR<br>(HRS)<br>(7)<br>(8) | REASON<br>(2) | METHOD OF<br>SHUTTING DOWN<br>THE REACTOR<br>OR REDUCING<br>POWER (3) | LER<br>NO. | SYS<br>CODE<br>(4) | COMP<br>CODE<br>(5) | CAUSE & CORRECTIVE<br>ACTION TO PREVENT<br>RECURRENCE  |
|------------|--------|-------------|----------------------------|---------------|---|------------|--------------------|---------------------|--|
| S93-06     | 931225 | F           | 425                        | A             | 3   | 93-014     | TA                 | TRB                 | Reactor tripped following trip of main turbine. Turbine tripped due to imbalance caused by loss of 5 8th stage blades in low pressure turbine number 3. Operation without 7th and 8th stages in all three LP turbines is planned for upcoming operating cycle. Operation without stages 7 and 8 will prevent recurrence. |
| S95-01     | 950127 | S           | 107.5                      | B             | 1   | N/A        | TA                 | TRB                 | Turbine taken off-line to perform post outage balancing.   |

(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(8) Outage hours are a  
continuation of the outage  
which began on 12/25/93.