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Reg Guide 1.16



Nuclear
Operations

January 15, 1992
"RC-92-0002

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 December, 1991

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for December, 1991. This report includes the Operating Data Report, Average Daily Unit Power Level, and the Summary of Unit Shutdowns and Power Reduction 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,

Enclosure

cc: C. E. Carpenter, Jr.
A. B. Davis
D. R. Hahn
R. W. DeFayette
S. Stasek
P. L. Torpey

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OPERATING DATA REPORT

DOCKET NO. 50-341

COMPLETED BY B. J. Stone

DATE January 15, 1992

TELEPHONE (313) 586-5148

OPERATING STATUS

- | | | |
|--|------------------------------|--|
| 1. UNIT NAME: <u>Fermi 2</u> | Notes: (1) Calculated using | |
| 2. REPORTING PERIOD: <u>December, 1991</u> | weighted averages to reflect | |
| 3. LICENSED THERMAL POWER (Mwt): <u>3293</u> | variations in MDC. | |
| 4. NAMEPLATE RATING (GROSS MWe): <u>1154</u> | | |
| 5. DESIGN ELECT RATING (Net MWe): <u>1093</u> | | |
| 6. MAX DEPENDABLE CAP (GROSS MWe): <u>1110</u> | | |
| 7. MAX DEPENDABLE CAP (Net MWe): <u>1060</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): N/A

10. REASONS FOR RESTRICTION, IF ANY:

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HRS IN REPORTING PERIOD	<u>744</u>	<u>8,760</u>	<u>34,526</u>
12. HRS REACTOR WAS CRITICAL	<u>527.3</u>	<u>6,746</u>	<u>25,263.7</u>
13. REACTOR RESERVE SHUTDOWN HRS	<u>0</u>	<u>0</u>	<u>0</u>
14. HOURS GENERATOR ON-LINE	<u>509.1</u>	<u>6,468.4</u>	<u>24,026.8</u>
15. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
16. GROSS THERMAL ENERGY GEN (MWH)	<u>1,634,688</u>	<u>19,649,997.1</u>	<u>71,481,191.4</u>
17. GROSS ELECT ENERGY GEN (MWH)	<u>557,600</u>	<u>6,473,500</u>	<u>23,648,037</u>
18. NET ELECT ENERGY GEN (MWH)	<u>535,048</u>	<u>6,120,932</u>	<u>22,592,236</u>
19. UNIT SERVICE FACTOR	<u>68.4</u>	<u>73.8</u>	<u>69.6</u>
20. UNIT AVAILABILITY FACTOR	<u>68.4</u>	<u>73.8</u>	<u>69.6</u>
21. UNIT CAP FACTOR (USING MDC NET)	<u>67.8</u>	<u>66.7(1)</u>	<u>61.0(1)</u>
22. UNIT CAP FACTOR (USING DER NET)	<u>65.8</u>	<u>64.6</u>	<u>59.9</u>
23. UNIT FORCED OUTAGE RATE	<u>0</u>	<u>1.1</u>	<u>9.2</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 January 15, 1992
 COMPLETED BY F. Dawson
 TELEPHONE (313) 586-5027

Month December, 1991

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1089</u>
2	<u>1089</u>
3	<u>1089</u>
4	<u>1092</u>
5	<u>1094</u>
6	<u>1092</u>
7	<u>1077</u>
8	<u>1073</u>
9	<u>1083</u>
10	<u>685</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>0</u>
19	<u>0</u>
20	<u>47</u>
21	<u>933</u>
22	<u>1069</u>
23	<u>1094</u>
24	<u>1098</u>
25	<u>1099</u>
26	<u>1098</u>
27	<u>1097</u>
28	<u>1096</u>
29	<u>1098</u>
30	<u>1097</u>
31	<u>1099</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-341DATE January 15, 1992UNIT NAME Fermi 2COMPLETED BY B. J. StoneTELEPHONE (313) 586-5148REPORT MONTH December, 1991

NO. (6)	DATE	TYPE (1)	DUH (HRS)	REASON (2)	METHOD OF SHUTTING DOWN THE REACTOR (3)	LER NO.	SYS CODE (4)	COMP CODE (5)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
S91-06	12/10/91	S	234.9	B	I	-	EL	XFMR	Maintenance outage for replacement of Main Generator Output transformer (1 of 2).

(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

(6) R - PREFIX INDICATES POWER
 REDUCTION.
 S - PREFIX INDICATES PLANT
 SHUTDOWN.