

Detroit
Edison

William S. Orser
Senior Vice President

Fermi 2
6900 North Lapeere Highway
Newport, Michigan 48166
(313) 586-5201

Reg Guide 1.16



Nuclear
Operations

April 15, 1991
NRC-91-0049

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, 1991

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for March, 1991. 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,

Enclosure

cc: A. B. Davis
J. R. Eckert
D. P. Hahn
R. W. DeFayette
W. G. Rogers
J. F. Stang

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OPERATING DATA REPORT

DOCKET NO. 50-341

COMPLETED BY B. J. Stone

DATE April 15, 1991

TELEPHONE (313) 586-5148

OPERATING STATUS

1. UNIT NAME: Fermi 2 | Notes: (1) Calculated using
2. REPORTING PERIOD: March, 1991 | MDC of 1093 for period prior to
3. LICENSED THERMAL POWER (MWt): 3293 | January 1, 1990.
4. NAMEPLATE RATING (GROSS MWe): 1154 |
5. DESIGN ELECT RATING (Net MWe): 1093 |
6. MAX DEPENDABLE CAP (GROSS MWe): 1105 |
7. MAX DEPENDABLE CAP (Net MWe): 1055 |
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE
LAST REPORT, GIVE REASONS: _____
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (MWe Net): Approximately 900
10. REASONS FOR RESTRICTION, IF ANY: Administrative limit due to concerns
about main turbine blading.

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HRS IN REPORTING PERIOD	<u>744</u>	<u>2160</u>	<u>27,926</u>
12. HRS REACTOR WAS CRITICAL	<u>675.4</u>	<u>2087.3</u>	<u>20,605.0</u>
13. REACTOR RESERVE SHUTDOWN HRS	<u>0</u>	<u>0</u>	<u>0</u>
14. HOURS GENERATOR ON-LINE	<u>663.7</u>	<u>2052.5</u>	<u>19,610.9</u>
15. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
16. GROSS THERMAL ENERGY GEN (MWH)	<u>1,938,864</u>	<u>5,567,791</u>	<u>57,398,985</u>
17. GROSS ELECT ENERGY GEN (MWH)	<u>613,920</u>	<u>1,754,310</u>	<u>18,928,847</u>
18. NET ELECT ENERGY GEN (MWH)	<u>583,132</u>	<u>1,668,752</u>	<u>18,080,056</u>
19. UNIT SERVICE FACTOR	<u>89.21</u>	<u>95.03</u>	<u>70.22</u>
20. UNIT AVAILABILITY FACTOR	<u>89.21</u>	<u>95.03</u>	<u>70.22</u>
21. UNIT CAP FACTOR (USING MDC NET)	<u>74.3</u>	<u>73.23</u>	<u>60.16</u>
22. UNIT CAP FACTOR (USING DER NET)	<u>70.7</u>	<u>70.68</u>	<u>59.23</u>
23. UNIT FORCED OUTAGE RATE	<u>5.00</u>	<u>0.18</u>	<u>10.84</u>

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, DURATION OF EACH)

A refueling outage is scheduled to begin March 29, 1991. It is presently estimated that the outage will last 75 days (breaker to breaker).

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

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 15, 1991
 COMPLETED BY E. Dawson
 TELEPHONE (313) 586-5027

Month March, 1991

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>905</u>
2	<u>890</u>
3	<u>906</u>
4	<u>905</u>
5	<u>901</u>
6	<u>893</u>
7	<u>905</u>
8	<u>916</u>
9	<u>904</u>
10	<u>907</u>
11	<u>909</u>
12	<u>165</u>
13	<u>30</u>
14	<u>636</u>
15	<u>906</u>
16	<u>816</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>925</u>
18	<u>918</u>
19	<u>918</u>
20	<u>922</u>
21	<u>901</u>
22	<u>917</u>
23	<u>885</u>
24	<u>919</u>
25	<u>925</u>
26	<u>920</u>
27	<u>895</u>
28	<u>912</u>
29	<u>927</u>
30	<u>0</u>
31	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-341
UNIT NAME Ferni 2

DATE April 15, 1991
COMPLETED BY B. J. Stone
TELEPHONE (313) 586-5148

REPORT MONTH March, 1991

NO. (6)	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
S91-01	03/12/91	F	34.9	A	2	N/A	SB	PSP	Moisture Separator Reheater Drain Line weld failure caused loss of condenser vacuum. Requiring manual shutdown. Repairs were effected and plant back on line by 1715 hours on March 13.
S91-02	03/31/91	S	45.4	C	1	N/A	-	-	Removed Main Turbine Generator from system grid at 0236 hours for scheduled Refueling Outage.

(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.