

Detroit Edison



Generic Letter 97-02

January 12, 2005
NRC-05-0001

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 2004

Enclosed for your information and use is the Fermi 2 Monthly Operating Status Report for December 2004. This report includes the Operating Data Report and Summary of Unit Shutdowns identified in NRC Generic Letter 97-02 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,

A handwritten signature in black ink, appearing to be 'N.K. Peterson'.

Norman K. Peterson
Manager – Nuclear Licensing

Enclosure

cc: R. J. Aben, Jr.
D. P. Beaulieu
E. R. Duncan
M. V. Yudasz, Jr.
NRC Resident Office
Regional Administrator, Region III
Region III

JE24

OPERATING DATA REPORT

DOCKET NO. 50-341
 UNIT NAME Fermi 2
 DATE January 12, 2005
 COMPLETED BY Kevin Burke
 TELEPHONE (734) 586-5148

REPORTING PERIOD: December 2004

1. Design Electrical Rating (MWe-Net) 1,150.00
2. Maximum Dependable Capacity (MWe-Net) 1,089.00

		<u>This Month</u>	<u>Year-to-Date</u>	<u>Cumulative</u>
3.	Number of Hours the Reactor Was Critical	<u>689.65</u>	<u>7,905</u>	<u>115,801</u>
4.	Number of Hours Generator On-line	<u>609.80</u>	<u>7,766</u>	<u>111,775</u>
5.	Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6.	Net Electrical Energy Generated (MWH)	<u>639,135</u>	<u>8,453,110</u>	<u>113,076,678</u>

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause and Corrective Action Comments
04-03	12/1/2004	S	57.8	C	4	Planned shutdown for Refueling Outage (RFO10).
04-04	12/4/2004	F	76.4	A	3	Automatic Main Turbine Trip and Reactor Scram due to Generator Automatic Voltage Regulator (AVR) failure. Electronic module communication errors caused the AVR failure. Modules have been replaced and software changes implemented.

SUMMARY: Following completion of RFO10 (which began on November 5, 2004), the plant achieved criticality at 1944 hours on December 1, 2004 and the Main Turbine Generator was synchronized at 0947 hours on December 3, 2004. On December 4, 2004 at 0417 hours, during power ascension, the Main Turbine tripped and the reactor subsequently scrammed from approximately 60 percent power due to a Generator Automatic Voltage Regulator (AVR) failure. Following repairs to the AVR, the plant was restarted and achieved criticality at 1454 hours on December 5, 2004 and the Main Turbine Generator was synchronized at 0842 hours on December 7, 2004. The plant was returned to full power on December 9, 2004 at 0355 hours. On December 9, 2004 at 0627 hours, power was reduced to 93 percent for investigation of higher than expected reactor pressure, and at 2200 hours, power was further reduced to 75 percent for Control Rod pattern adjustment. The plant was returned to full power at 0328 hours on December 10, 2004. On December 15, 2004 at 1310 hours, power was reduced to 95 percent for Recirculation System control setup and at 2022 hours, the plant was returned to full power. On December 18, 2004 at 0011 hours, power was reduced to 66 percent for Control Rod pattern adjustment and the plant was returned to full power at 1108 hours.

(1) Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training and License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

(2) Method:

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)