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Detroit Edison

A DTE Energy Company



June 20, 2007
NRC-07-0035

10 CFR 50.90

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington D C 20555-0001

- References: 1) Fermi 2
NRC Docket No. 50-341
NRC License No. NPF-43
- 2) Detroit Edison Letter to NRC, "Proposed License Amendment Request to Extend the Completion Time for Technical Specification 3.8.1 for an Inoperable Emergency Diesel Generator," NRC-06-0040, dated July 12, 2006
- 3) NRC letter dated June 13, 2007, "Fermi Unit 2 - Request for Additional Information Regarding Proposed License Amendment to Extend the Completion Time for Technical Specification 3.8.1 for an Inoperable Diesel Generator"

Subject: Response to Request for Additional Information Regarding License
Amendment Request for Extension of Completion Time for an Inoperable
Emergency Diesel Generator

In Reference 2, Detroit Edison requested NRC approval of a proposed license amendment that requests an extension of the completion time for Fermi 2 Emergency Diesel Generators (EDGs) from 7 to 14 days.

In a June 8, 2007 telephone call, the NRC indicated that a followup request for additional information (RAI) would be issued to request reliability and availability information for Combustion Turbine Generator Units 11-1, 11-2, 11-3, and 11-4. Reference 3 was subsequently issued requesting this information. Enclosure 1 provides the requested information.

The supplemental information provided in this letter does not impact the conclusions of the Determination of No Significant Hazards Consideration and Environmental Assessment presented in the July 12, 2006 submittal (Reference 2).

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There are no new regulatory commitments associated with this letter.

If you have any questions regarding this submittal, please contact Ronald W. Gaston at (734) 586-5197.

Sincerely,

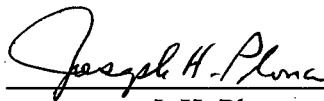


Enclosures:

1. Response to Request for Additional Information

cc: NRC Project Manager
Reactor Projects Chief, Branch 4, Region III
NRC Resident Office
Regional Administrator, Region III
Supervisor, Electric Operators,
Michigan Public Service Commission

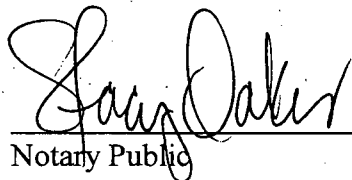
I, Joseph H. Plona, do hereby affirm that the foregoing statements are based on facts and circumstances which are true and accurate to the best of my knowledge and belief.



J. H. Plona
Site Vice President
Nuclear Generation

On this 20th day of June, 2007 before me personally appeared Joseph H. Plona, being first duly sworn and says that he executed the foregoing as his free act and deed.

STACY OAKES
NOTARY PUBLIC, STATE OF MI
COUNTY OF MONROE
MY COMMISSION EXPIRES JUL 23, 2012
ACTING IN COUNTY OF MONROE, MI


Notary Public

**ENCLOSURE 1 to
NRC-07-0035**

FERMI 2 NUCLEAR POWER PLANT

Response to Request for Additional Information

RAI

Provide reliability and availability of all the combustion turbine generators (CTG 11 Units).

RAI Response

The reliability and availability of the CTGs are monitored under the MR program. If the pre-established reliability or availability performance criteria are not achieved for the CTGs, they are considered for 10 CFR 50.65 (a)(1) actions. These actions would require increased management attention and goal setting in order to restore their performance to an acceptable level. The actual out of service time for the CTGs is minimized to ensure that the reliability and availability performance criteria are met. CTGs hours are tracked in Operational Modes 1, 2, and 3.

CTG 11-1 Availability and Out of Service (OOS) Hours

Year	CTG 11-1 Yearly Availability (%)	CTG 11-1 OOS Hours
2003	38.86*	4761.54
2004	97.53	198.02
2005	98.83	94.65
2006	90.21	722.93

*Failure to start in August 2003 required recording fault exposure hours from the time an inverter circuit card with an incorrect setpoint was installed, in August 2001.

CTG 11-1 Reliability

Fermi 2 collects Combustion Turbine Generator (CTG) Unit 11-1 reliability data as part of our Maintenance Rule program. The 36 month rolling average start probability was multiplied by the probability to run to determine the overall reliability for each month of 2003 through 2006.

CTG 11-1 reliability from January 1, 2003 until December 31, 2006, ranged from 91.10% in December 2003 to 98.31% in December 2006. The average reliability was 94.01%.

CTG 11-2, 11-3, 11-4 Availability and Reliability

CTG Units 11-2, 11-3, and 11-4 have been in the scope of the plant's implementation of the maintenance rule since January 24, 2006.

CTG 11-2, 11-3, 11-4 Availability and Out of Service (OOS) Hours

Year	CTG 11-2 Yearly Availability (%)	CTG 11-3 Yearly Availability (%)	CTG 11-4 Yearly Availability (%)	CTG 11-2, 3, 4 Cumulative OOS Hours
2003	97.33	96.73	96.40	742.79
2004	94.91	90.15	92.42	1806.01
2005	95.23	92.17	79.58	2674.43
2006	97.04	92.99	87.14	1684.63

CTG 11-2, 11-3, 11-4 Reliability

CTG Functional Failures (FF) are monitored monthly for reliability data. Functional Failures are failures to start when demanded. Typically, CTG 11-2, 11-3, and 11-4 are run monthly per the Performance Scheduling and Tracking program. Other starts occur as a result of preventative maintenance, corrective maintenance, or as required by the Central System Supervisor.

Functional Failure Data for CTG 11-2, 11-3, and 11-4

Month	Monthly FFs	Performance Criteria: ≤ 15 Functional Failures cumulative per 12 Months
Jan-05	1	*
Feb-05	1	*
Mar-05	0	*
Apr-05	0	*
May-05	0	*
Jun-05	0	*
Jul-05	1	*
Aug-05	2	*
Sep-05	2	*
Oct-05	0	*
Nov-05	0	*
Dec-05	0	7

Month	Monthly FFs	Performance Criteria: ≤ 15 Functional Failures cumulative per 12 Months
Jan-06	0	6
Feb-06	0	5
Mar-06	0	5
Apr-06	0	5
May-06	0	5
Jun-06	1	6
Jul-06	0	5
Aug-06	3	6
Sep-06	0	4
Oct-06	0	4
Nov-06	0	4
Dec-06	1	5

*12 month cumulative FF tracking started in January 2006.