

**Detroit Edison**



10 CFR 26.71(d)

August 03, 2007  
NRC-07-0041

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

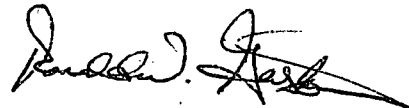
Reference: Fermi 2  
NRC Docket No. 50-341  
NRC License No. NPF-43

Subject: Semi-Annual Fitness for Duty Report

In accordance with 10 CFR 26.71(d), enclosed is the Semi-Annual Fitness for Duty (FFD) Report for Fermi 2 for the report period from January 1, 2007 to June 30, 2007.

Should you have any questions or require additional information, please contact Mr. Thomas P. Stack, Manager - Nuclear Security, at (734) 586-1112.

Sincerely,



Ronald W. Gaston  
Manager - Nuclear Licensing

Enclosure

cc: NRC Project Manager  
Reactor Projects Chief, Branch 4, Region III  
NRC Resident Office  
Regional Administrator, Region III  
K. R. Riemer

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**Fitness for Duty Program  
Performance Data  
Personnel Subject to 10 CFR 26**

THE DETROIT EDISON COMPANY		June 30, 2007	
Company		6 Month Ending	
FERMI 2			
Location			
Thomas P. Stack		(734) 586-1112	
Contact Name		Phone (include area code)	
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10 CFR 26			
Marijuana	/	Amphetamines	/
Cocaine	/	Phencyclidine	/
Opiates	/	Alcohol (% BAC)	/

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		845		0		428	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		94	0	0	0	195	1
For Cause	Post accident	2	0	0	0	3	0
	Observed behavior	14	0	0	0	21	0
Random		264	0	0	0	115	1
Follow-up		23	0	0	0	20	0
Other		0	0	0	0	0	0
Total		397	0	0	0	354	2

### Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana	Cocaine	Opiates	Amphetamine	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees	0	0	0	0	0	0	0						
Long-Term Contractors	0	0	0	0	0	0	0						
Short-Term Contractors	1	0	0	0	0	0	1						A
Total	1	0	0	0	0	0	1						2

**SECTION 3**  
**FITNESS FOR DUTY PROGRAM**  
**PERFORMANCE DATA**

- 1) The Fermi 2 annualized testing rate in the Random Test Program for this reporting period was 55% (average pool size was 1380, total tested was 379). All individuals routinely reporting to the Fermi Energy Center are in the Random Testing program.
- 2) Detroit Edison does not have an on-site testing facility but transports specimens to a laboratory certified by the Department of Health and Human Services.

**REPORTS MADE UNDER 10 CFR 26.73:**

There were no reports made under 10 CFR 26.73.

**TESTING RESULTS:**

There were two (2) individuals who tested positive during the six-month period ending June 30, 2007. The positive tests are categorized as follows:

Pre-Access Testing

There was one (1) positive test in this category during this six-month period.

One (1) contract employee tested positive for marijuana. The individual was denied access.

For-Cause Testing

There were no positive tests in this category during this six-month period.

Random Testing

There was one (1) positive test in this category during this six-month period.

One (1) contract employee refused to be tested. The individual's random test resulted in the specimen being outside of the acceptable temperature range. The individual admitted to providing a surrogate sample. A review of the individual's work activities was performed and no deficient work practices which could impact safety related equipment/systems were identified. The individual was denied access.

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Follow-Up Testing

There were no positive tests in this category during this six-month period.

**SUMMARY OF MANAGEMENT ACTIONS:**

There were two (2) appeals received during this six-month period.

During a Random test, a contract employee provided a specimen outside of the acceptable temperature range and the Medical Review Officer (MRO) determined the specimen as a "Refuse-To-Test". The individual admitted to providing a surrogate specimen in the appeal and the Director, Nuclear Assessment upheld the original determination made by the MRO.

During a Pre-Access test, a contract employee provided a specimen outside of the acceptable temperature range and the Medical Review Officer (MRO) determined the specimen as a "Refuse-To-Test". The individual appealed and the Director, Nuclear Assessment reversed the original determination made by the MRO.

There were no significant Condition Assessment Resolution Documents (CARD) written identifying deficiencies in the Fitness for Duty Program during this six-month period.