



**INDIANA  
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**Indiana Michigan Power**  
Cook Nuclear Plant  
One Cook Place  
Bridgman, MI 49106  
AEP.com

February 15, 2007

AEP:NRC:7071  
10 CFR 26.71(d)

Docket Nos.: 50-315  
50-316

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Stop O-P1-17  
Washington, DC 20555-0001

Donald C. Cook Nuclear Plant Units 1 and 2  
10 CFR PART 26, FITNESS FOR DUTY PROGRAMS

In accordance with 10 CFR 26.71(d), Indiana Michigan Power Company hereby submits Fitness for Duty Program performance data for the six-month period of July 1, 2006, to December 31, 2006. Attached are the performance data sheets that include statistics on the various categories of testing, substances for which testing is conducted, random testing rate, and a summary of management actions.

This letter contains no new commitments. Should you have any questions, please contact Ms. Susan D. Simpson, Regulatory Affairs Manager, at (269) 466-2428.

Sincerely,

Mark A. Peifer  
Site Support Services Vice President

RBH/rdw

Attachment

c: J. L. Caldwell, NRC Region III  
K. D. Curry, AEP Ft. Wayne  
J. T. King, MPSC  
MDEQ – WHMD/RPMWS  
NRC Resident Inspector  
P. S. Tam, NRC Washington, DC

A021

**FITNESS FOR DUTY PROGRAM  
PERFORMANCE DATA  
PERSONNEL SUBJECT TO 10 CFR 26**

<u>Indiana Michigan Power Co.</u> Company	<u>12/31/06</u> 6 Month Ending
<u>Cook Nuclear Plant, Bridgman, Michigan</u> Location	
<u>Jim Bradshaw</u> Contact Name	<u>(269) 466-3335</u> Phone
Cutoffs: Screen/Confirmation (ng/ml)	<input checked="" type="checkbox"/> Appendix A to 10CFR26
Marijuana 50/15                  Amphetamine 1000/500	N/A N/A
Cocaine 300/150                  Phencyclidine 25/25	N/A N/A
Opiates 300/300                  Alcohol (%BAC) 0.04%	N/A N/A

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access	1085		164		737	
Pre-Access	32	1	2	0	1574	24
For-Cause Post Accident	5	0	1	0	17	0
For-Cause Observed Behavior	0	0	3	1	2	1
Random	325	0	55	0	158	1
Follow-Up	23	1	0	0	41	0
Other	1	1	1	1	3	3
<b>Total</b>	<b>386</b>	<b>3</b>	<b>62</b>	<b>2</b>	<b>1795</b>	<b>29</b>

**BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES**

	Marijuana		Cocaine	Opiates	Amphetamines	Phencyclidene	Alcohol	Refusal To Test	Marijuana Suspect Specimen	Adulterated Specimen
	50 ng/ml	100 ng/ml								
Licensee Employee	0	0	0	0	0	0	3	0	0	0
Long-Term Contractors	0	0	0	0	0	0	2	0	0	0
Short-Term Contractors	6	5	6	0	0	0	9	0	5	0
Total	6	5	6	0	0	0	14	0	5	0

Total Confirmed Positive Tests For All Specific Substances, Refusals to Test, and Adulterated Specimens: 36

A total of 36 positive tests were reported as positive on the "Breakdown of Confirmed Positive Tests for Specific Substances." The differences in test results between Page 1 and Page 2 of the Performance Data Summary is due to two specimens being reported positive for two separate substances. In addition, 5 of the positive alcohol tests were confirmatory blood serum tests. These are indicated as "Other" under testing results.

**MANAGEMENT ACTIONS:**

None.

**APPEALS:**

Four appeals were received during this reporting period; in these appeals the denials were upheld.

**EVENTS:**

There were no events identified as 24-hour reportable in accordance with 10 CFR 26.73 during this reporting period.

**TEMPORARY SUSPENSIONS:**

No temporary suspensions or administrative actions were taken against individuals based on on-site presumptive positive drug results.

**TESTING RATE:**

The random testing rate for the second half of 2006 was 54% of the half-year average total population. The random testing rate for the year of 2006 was 58%, based on an average testing pool population of 1870 individuals.