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

August 10, 2006

AEP:NRC:6071-02
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 January 1, 2006, to June 30, 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 Vice President

DB/rdw

Attachment

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

AD21

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

<u>Indiana Michigan Power Co.</u>	<u>06/30/06</u>
Company	6 Month Ending
<u>Cook Nuclear Plant, Bridgman, Michigan</u>	
Location	
<u>Jim Bradshaw</u>	<u>(269) 466-3335</u>
Contact Name	Phone
Cutoffs: Screen/Confirmation (ng/ml) <input checked="" type="checkbox"/> Appendix A to 10CFR26	
Marijuana 50/15 Amphetamine 1000/500	<u>N/A</u> <u>N/A</u>
Cocaine 300/150 Phencyclidine 25/25	<u>N/A</u> <u>N/A</u>
Opiates 300/300 Alcohol (%BAC) 0.04%	<u>N/A</u> <u>N/A</u>

Testing Results	Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access	1110		167		482	
Categories	# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access	95	1	10	0	738	4
For-Cause Post Accident	7	0	1	0	12	0
For-Cause Observed Behavior	1	0	1	0	2	1
Random	394	1	46	1	124	0
Follow-Up	22	0	0	0	33	1
Other	1	0	1	0	0	0
Total	520	2	59	1	909	6

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	1	0	1	0	0	0
Long-Term Contractors	0	0	0	0	0	0	1	0	0	0
Short-Term Contractors	1	2	0	0	0	0	1	1	1	0
Total	1	2	0	0	1	0	3	1	1	0

Total Confirmed Positive Tests for All Specific Substances, Refusals to Test, and Adulterated Specimens: 9

MANAGEMENT ACTIONS:

A meeting was held with the laboratory, collection site, Medical Review Officer(s), and the Employee Assistance Program staff to assure consistent effective implementation of the fitness for duty program.

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 first half of 2006 was 64% of the half-year average total population.