



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

February 19, 2008

AEP:NRC:8071
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, 2007, to December 31, 2007. 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 or revised commitments. Should you have any questions, please contact Mr. James M. Petro, Jr., Regulatory Affairs Manager, at (269) 466-2491.

Sincerely,

Joseph N. Jensen
Site Support Services Vice President
SLA/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

HRR

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

| | |
|---|-----------------------|
| <u>Indiana Michigan Power Co.</u> | <u>12/31/07</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 | 1058 | | 163 | | 681 | |
| Categories | # Tested | # Positive | # Tested | # Positive | # Tested | # Positive |
| Pre-Access | 54 | 0 | 25 | 0 | 1481 | 15 |
| For-Cause Post Accident | 2 | 0 | 1 | 0 | 9 | 0 |
| For-Cause Observed Behavior | 3 | 1 | 1 | 0 | 5 | 0 |
| Random | 288 | 1 | 52 | 1 | 115 | 0 |
| Follow-Up | 22 | 0 | 0 | 0 | 48 | 0 |
| Other | 2 | 2 | 0 | 0 | 2 | 2 |
| Total | 371 | 4 | 79 | 1 | 1660 | 17 |

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 | 4 | 0 | 0 | 0 |
| Long-Term Contractors | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Short-Term Contractors | 2 | 3 | 1 | 0 | 0 | 0 | 6 | 0 | 6 | 0 |
| Total | 3 | 3 | 1 | 0 | 0 | 0 | 10 | 0 | 6 | 0 |

Total Confirmed Positive Tests For All Specific Substances, Refusals to Test, and Adulterated Specimens: 23

MANAGEMENT ACTIONS:

None.

APPEALS:

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

EVENTS:

There was one event 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 2007 was 48% of the (half-year) average total population.

The random testing rate for the year of 2007 was 57%, based on an average testing pool population of 1705 individuals.