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10 CFR 26

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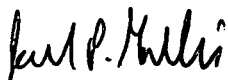
U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Donald C. Cook Nuclear Plant Units 1 and 2
10 CFR PART 26, FITNESS FOR DUTY PROGRAM
ANNUAL PERFORMANCE DATA

In accordance with 10 CFR 26, Indiana Michigan Power Company (I&M) hereby submits Fitness for Duty Program annual performance data for the period of January 1, 2010, to December 31, 2010.

This letter contains no new or revised commitments. Should you have any questions, please contact Mr. Michael K. Scarpello, Regulatory Affairs Manager, at (269) 466-2649.

Sincerely,



Joel P. Gebbie
Site Vice President

MCS/jmr

Attachments

c: J. T. King, MPSC
S. M. Krawec, AEP Ft. Wayne
MDNRE – WHMD/RPS
NRC Resident Inspector
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A021
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FITNESS FOR DUTY DRUG AND ALCOHOL TESTING PROGRAM
PERFORMANCE DATA

DRUG AND ALCOHOL TESTING CUTOFF LEVELS

Drug Tested	Screen / Confirmation (ng / ml) Levels
Marijuana	50 / 15*
Cocaine	300 / 150**
Phencyclidine	25 / 25
Alcohol (%BAC)	0.04%
Alcohol (%BAC) in Follow-up Program	0.02%
Opiates - Morphine	2000 / 2000
Opiates - Codeine	2000 / 2000
Opiates – 6-AM***	2000 / 10
Amphetamine	1000 / 500
Amphetamine – Methamphetamine****	1000 / 500

* - As delta-9-tetrahydrocannabinol-9-carboxylic acid

** - As benzoylecgonine

*** - When confirmatory test shows concentration of 2,000 ng/ml for morphine

**** - Specimen must also contain amphetamine at a concentration \geq 200 ng/ml

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**BREAKDOWN OF POPULATIONS TESTED AND NUMBER OF TESTS ADMINISTERED
INCLUDING RESULTS SORTED BY POPULATION TESTED**

Testing Results	Permanent Licensee Employees		Contractor / Vendor Personnel	
Average Number with Unescorted Access	1263		780	
Categories	Total Tested	Total Positive	Total Tested	Total Positive
Pre-Access	146	0	2432	17
Follow-up	95	1	178	3
For-Cause	1	0	6	0
Random	717	3	417	6
Post-event	9	0	16	0
Other	3	0	0	0
Total	971	4	3049	26

Random Testing Rate: 56%

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol
Licensee Employee	2	1	0	0	0	1
Contractors / Vendors	17	3	0	1	0	5
Total	19	4	0	1	0	6

NUMBER OF SUBVERSION ATTEMPTS BY TYPE

	Refusal To Test	Adulterated Specimen	Substituted Specimen	Altered Test Process	Other
Licensee Employee	0	0	0	0	0
Contractors / Vendors	1	0	0	0	0
Total	1	0	0	0	0

SUMMARY OF MANAGEMENT ACTIONS

Cook Nuclear Plant does perform on-site testing and thus does not take temporary administrative actions for initial test results.

The random testing rate for the year 2010 was 56%.

Two appeals were received during this reporting period; in both appeals, the denials were upheld.

There were two individuals that requested to have their samples retested after being informed by the Medical Review Officer (MRO) that they had a positive test. Both tests re-confirmed positive.

One invalid sample was reported by the MRO. The sample was recollected with a negative result.

One individual was given an observed recollection due to having unidentified substances floating in the specimen sample. The results of the observed recollection were negative.

One individual tested positive for two substances (THC and Amphetamines).

Subversion information:

- One refusal – temperature out of range on the original test. This individual then refused to have an observed recollection.

FITNESS FOR DUTY FATIGUE MANAGEMENT PROGRAM DATA

SUMMARY OF DISTRIBUTION OF WAIVER USE FOR INDIVIDUALS BY CATEGORY OF INDIVIDUALS

# of Waivers Issued to an Individual	# of Maintenance Individuals	# of Operations Individuals	# of Chemistry Individuals	# of Radiation Protection Individuals	# of Fire Brigade Individuals	# of Security Individuals
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5+	0	0	0	0	0	0

Note: No waivers were issued for the reporting period.

FATIGUE ASSESSMENT SUMMARY

Thirty (30) fatigue assessments were performed during 2010. Twenty-three (23) were performed post-event, six (6) were performed for cause and one (1) was performed in response to a self-declaration of fatigue. The individual that made the self-declaration was sent home for rest.

SUMMARY OF CORRECTIVE ACTIONS

The self-declaration of fatigue described above was entered into the Corrective Action System. No additional corrective actions were identified from the analysis of waivers and fatigue assessments.

Fatigue Management Program Annual Performance Data Report for 2010

Personnel Subject to 10 CFR 26.4(a)

Facility: Donald C. Cook Nuclear Plant Units 1 and 2

Period of Report: 01/01/2010 – 12/31/2010

Facility Outage During Report Period? Yes Any outage > 60 days? Yes Any of first 60 days in reporting period? Yes Any days beyond day 60 in reporting period? Yes

Summary of Waiver Issuance – 26.203(e)(1)(I-II)				Number of Waivers Issued																			
Work Hour Controls	Operating or on-site directing of the operations of systems, as described in 26.4(a)(1)			Performing health physics or chemistry duties as described in 26.4(a)(2)			Performing duties of a fire brigade member, as described in 26.4(a)(3)*			Performing maintenance or onsite direction of maintenance, as described in 26.4(a)(4)			Performing security duties, as described in 26.4(a)(5)			Total							
	Operating	Outage		Operating	Outage		Operating	Outage		Operating	Outage		Operating	Outage		Operating	Outage		Total				
		day 1-60	>day 60		day 1-60	>day 60		day 1-60	>day 60		day 1-60	>day 60		day 1-60	>day 60		day 1-60	>day 60					
Daily Work Hours 26.205(d)(1)																							
Exceeded 16 work hours in any 24-hour period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Exceeded 26 work hours in any 48-hour period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Exceeded 72 work hours in any 7-day period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Rest Breaks 26.205(d)(2)																							
Less than 10-hour break between successive work periods (or 8-hour break accommodating scheduled transition between shifts)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Less than 34-hour break in any 9-day period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Minimum Days Off Per Shift Cycle 26.205(d)(3)																							
Average of less than 1 day off per week for 8-hour shifts	0		0	0		0	0		0	0		0	0		0	0		0	0				
Average of less than 2 days off per week for 10-hour shifts	0		0	0		0	0		0	0		0	0		0	0		0	0				
Average of less than 2.5 days off per week for 12-hour shifts	0		0	0		0	0		0							0		0	0				
Average of less than 2 days off per week for 12-hour maintenance shifts											0		0							0		0	0
Average of less than 3 days off per week for 12-hour security shifts														0		0	0		0	0			
Minimum Days Off for Outage Activities (during first 60 days of outage) 26.205(d)(4) and 26.205(d)(5)																							
Less than 3 days off per successive 15-day period 26.205(d)(4)		0		0			0									0			0				
Less than 1 day off per 7-day period for maintenance personnel 26.204(d)(4)												0	0	0	0	0	0	0	0	0			
Less than 4 days off per successive 15-day period for security personnel 26.205(d)(5)														0	0	0	0	0	0				
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

*NOTE: Individuals performing fire brigade duties and other duties are counted only under the fire brigade column – these individuals are not double counted.