



Commonwealth Edison
1400 Opus Place
Downers Grove, Illinois 60515

August 26, 1992

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Subject: Byron Station Units 1 and 2
Braidwood Station Units 1 and 2
Zion Station Units 1 and 2
Quad Cities Station Units 1 and 2
Dresden Station Units 2 and 3
LaSalle County Station Units 1 and 2
Fitness for Duty Reporting 10 CFR 26.71 (d)
NRC Docket Nos. 50-454/455, 50-456/457, 50-295/304,
50-237/249, 50-254/265, 50-373/374

Gentlemen:

In accordance with 10 CFR 26.71 (d), Commonwealth Edison Company is providing the compiled fitness-for-duty program performance data for each Station and the applicable Corporate support employees for the six month period ending June 30, 1992. The enclosed reports use the NUMARC approved format prescribed in the Fitness For Duty Program Performance Data Form. The enclosed reports present the random testing rate; drugs tested for and cut-off levels, including results of tests using lower cut-off levels; workforce populations tested; numbers of tests and results by population and type of test; substances identified; summary of management actions; and a list of events reported.

Attachments A through F contain the performance data for Braidwood, Byron, Dresden, LaSalle, Quad Cities, and Zion Stations respectively. Attachment G contains the performance data for the Corporate support personnel.

Please direct any questions regarding this matter to this office.

Respectfully,


T. W. Simpkin

Nuclear Licensing Administrator

Attachments

cc: Resident Inspectors BY/BW/Z/D/QC/LSC
Region III Office

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

COMMONWEALTH EDISON COMPANY	June 30, 1992
_____ Company	_____ Six Months Ending
Corporate Nuclear Operations	
_____ Location	
Garey J. Toleski	(708) 515-7544
_____ Contact Name	_____ Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26	
Marijuana 50 / 15 Amphetamines 1000 / 500	_____
Cocaine 300 / 150 Phencyclidine 25 / 25	_____
Opiates 300 / 300 Alcohol (% BAC) .04	_____

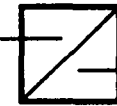
Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Average Number with Unescorted Access		725				0	
Pre-Access		77	0			4	0
For Cause	Post Accident						
	Observed Behavior	1	0				
Random		381	1				
Follow-up							
Other		7					
TOTAL		466	1			4	0

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - CORPORATE NUCLEAR OPERATIONS

	Marijuana	Cocaine	Opiates	Amphe- tamines	Phency- clidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employes		1											
Long-Term Contractors													
Short-Term Contractors													A
TOTAL	0	1	0	0	0	0	0						

On November 1, 1990, CECO implemented a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for CECO's more stringent level of 50 ng/ml, the data is reported above as follows:

All Positives Tests at or above Commonwealth Edison's threshold.



Positive Tests at 100 ng/ml or greater.

CORPORATE NUCLEAR OPERATIONS - CONTINUED

For the period January 1, through June 30, 1992, 381 Random tests were conducted of the licensee corporate assigned work force with unescorted access or EOF Response duties. This represents 52% of the average population.

Management Actions:

Commonwealth Edison does not invoke temporary suspensions or other administrative actions for on-site presumptive positives for Marijuana (THC) and for Cocaine.

The positive test resulted in this individual not being available for EOF assignment. This individual was not badged for unescorted access at the time of this occurrence.

Events Reported:

No 24 hour Fitness For Duty Reports were filed for this time period.

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

COMMONWEALTH EDISON COMPANY	June 30, 1992
Company	Six Months Ending
Braidwood Nuclear Power Station	
Location	
Garey J. Toleski	(708) 515-7544
Contact Name	Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26	
Marijuana 50 / 15 Amphetamines 1000 / 500	_____
Cocaine 300 / 150 Phencyclidine 25 / 25	_____
Opiates 300 / 300 Alcohol (% BAC) .04	_____

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Average Number with Unescorted Access		892				569	
Pre-Access		23	0			139	1
For Cause	Post Accident	—				—	
	Observed Behavior	1	1			1	1
Random		481	2			307	1
Follow-up		3	0			6	1
Other		1	0			9	0
TOTAL		509	3			462	4

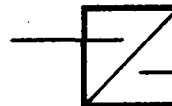
BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - BRAIDWOOD NUCLEAR POWER STATION

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5
Licensee Employees	1 0	1				1						
Long-Term Contractors	—	—	—	—	—	—	—					
Short-Term Contractors	2 1	1				1						
TOTAL	3 1	2	0	0	0	2	0					

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On November 1, 1990, CECO implemented a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for CECO's more stringent level of 50 ng/ml, the data is reported above as follows:

All Positives Tests at or above Commonwealth Edison's threshold.



Positive Tests at 100 ng/ml or greater.

BRAIDWOOD NUCLEAR POWER STATION - CONTINUED

For the period January 1, through June 30, 1992, 481 Random tests were conducted of the licensee station assigned work force, yielding a Random test rate of 54%. During this same period, 307 Random tests were conducted of the contractor work force, resulting in a Random test rate of 54%.

Management Actions:

Commonwealth Edison does not invoke temporary suspensions or other administrative actions for on-site presumptive positives for Marijuana (THC) and for Cocaine.

The computer programming necessary to create two distinct test pools for "Long Term" and "Short Term" contractors was completed in June. Random testing of these two separate categories of contractors was implemented in July and testing results for each category over the next six months will be reported in the FFD Performance Data Report for the second period of 1992.

Each of the seven positive tests resulted in either denial or revocation of unescorted access.

Events Reported:

One 24 hour Fitness For Duty Report was filed on June 25, 1992, documenting a positive drug test of a contractor supervisor. This test was conducted by the supervisor's employer under a Testing Program not approved by Commonwealth Edison. After consulting with NRR Staff, this report was retracted on July 15, 1992.

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

COMMONWEALTH EDISON COMPANY		June 30, 1992
Company		Six Months Ending
Byron Nuclear Power Station		
Location		
Garey J. Toleski		(708) 515-7544
Contact Name		Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26		
Marijuana	50 / 15	Amphetamines 1000 / 500
Cocaine	300 / 150	Phencyclidine 25 / 25
Opiates	300 / 300	Alcohol (% BAC) .04

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Average Number with Unescorted Access		923				815	
Pre-Access		11	0			837	27
For Cause	Post Accident	—				—	
	Observed Behavior	—				4	1
Random		461	0			469	4
Follow-up		21	0			32	0
Other		5	0			29	4
TOTAL		498	0			1371	36

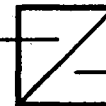
BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - BYRON NUCLEAR POWER STATION

	Marijuana	Cocaine	Opiates	Amphetamine	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5
Licensee Employees												
Long-Term Contractors	—	—	—	—	—	—						
Short-Term Contractors	27 21	8	1			4	1					
TOTAL	27 21	8	1	0	0	4	1					

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On November 1, 1990, CECO implemented a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for CECO's more stringent level of 50 ng/ml, the data is reported above as follows:

All Positives Tests at or above Commonwealth Edison's threshold.



Positive Tests at 100 ng/ml or greater.

BYRON NUCLEAR POWER STATION - CONTINUED

For the period January 1, through June 30, 1992, 461 Random tests were conducted of the licensee station assigned work force, yielding a Random test rate of 50%. During this same period, 469 Random tests were conducted of the contractor work force, resulting in a Random test rate of 58%.

Management Actions:

Commonwealth Edison does not invoke temporary suspensions or other administrative actions for on-site presumptive positives for Marijuana (THC) and for Cocaine.

The computer programming necessary to create two distinct test pools for "Long Term" and "Short Term" contractors was completed in June. Random testing of these two separate categories of contractors was implemented in July and testing results for each category over the next six months will be reported in the FFD Performance Data Report for the second period of 1992.

Each of the 36 positive tests resulted in either denial or revocation of unescorted access.

One individual had access denied/revoked for a refusal to test.

Events Reported:

No 24 hour Fitness For Duty Reports were filed for this time period.

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

COMMONWEALTH EDISON COMPANY	June 30, 1992
_____ Company	_____ Six Months Ending
Dresden Nuclear Power Station	
_____ Location	
Garey J. Toleski	(708) 515-7544
_____ Contact Name	_____ Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26	
Marijuana 50 / 15 Amphetamines 1000 / 500	_____
Cocaine 300 / 150 Phencyclidine 25 / 25	_____
Opiates 300 / 300 Alcohol (% BAC) .04	_____

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Average Number with Unescorted Access		980				1125	
Pre-Access		124	2			466	8
For Cause	Post Accident	—				—	
	Observed Behavior	3	0			3	1
Random		510	2			582	4
Follow-up		20	0			30	1
Other		11	0			12	2
TOTAL		668	4			1093	16

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - DRESDEN NUCLEAR POWER STATION

	Marijuana	Cocaine	Opiates	Amphe- tamines	Phency- clidine	Alcohol	Refusal to Test	1	2	3	4	5
Licensee Employees	3 1	1				1						
Long-Term Contractors												
Short-Term Contractors	11 7	5			1	1						
TOTAL	14 8	6	0	0	1	2	0					

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On November 1, 1990, CECO implemented a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for CECO's more stringent level of 50 ng/ml, the data is reported above as follows:

All Positives Tests at or above
Commonwealth Edison's threshold.



Positive Tests at
100 ng/ml or greater.

DRESDEN NUCLEAR POWER STATION - CONTINUED

For the period January 1, through June 30, 1992, 510 Random tests were conducted of the licensee station assigned work force, yielding a Random test rate of 52%. During this same period, 582 Random tests were conducted of the contractor work force, resulting in a Random test rate of 52%.

Management Actions:

Commonwealth Edison does not invoke temporary suspensions or other administrative actions for on-site presumptive positives for Marijuana (THC) and for Cocaine.

The computer programming necessary to create two distinct test pools for "Long Term" and "Short Term" contractors was completed in June. Random testing of these two separate categories of contractors was implemented in July and testing results for each category over the next six months will be reported in the FFD Performance Data Report for the second period of 1992.

Each of the 20 positive tests resulted in either denial or revocation of unescorted access.

Events Reported:

Two 24 hour Fitness For Duty Reports were filed for this time period.

A Random test conducted on March 18, 1992, yielded a confirmed positive test for a licensed operator. Unescorted access was denied on March 19, 1992 and this event was reported to USNRC Headquarters on March 19, 1992. A work investigation conducted by Station Management concluded the individual's work history did not reveal any areas of performance detrimental to safe operation of the station.

Unescorted access was reinstated on April 2, 1992 and the employe was returned to full licensed duties on July 22, 1992.

A Random test conducted on April 20, 1992, yielded a confirmed positive test for a contractor's supervisor. Unescorted access was denied on April 27, 1992 and this event was reported to USNRC Headquarters on April 27, 1992. A work investigation conducted by Station Management concluded the individual's work history did not reveal any areas of performance detrimental to safe operation of the station.

This individual was eligible for reinstatement of unescorted access on May 20, 1992.

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

COMMONWEALTH EDISON COMPANY		June 30, 1992
Company		Six Months Ending
LaSalle Nuclear Power Station		
Location		
Garey J. Toleski		(708) 515-7544
Contact Name		Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26		
Marijuana	50 / 15	Amphetamines 1000 / 500
Cocaine	300 / 150	Phencyclidine 25 / 25
Opiates	300 / 300	Alcohol (% BAC) .04

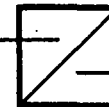
Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Average Number with Unescorted Access		977				1207	
Pre-Access		17	0			435	9
For Cause	Post Accident	—				—	
	Observed Behavior	2	0			1	1
Random		502	1			625	2
Follow-up		7	0			39	2
Other		1	0			30	2
TOTAL		529	1			1130	16

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - LASALLE NUCLEAR POWER STATION

	Marijuana	Cocaine	Opiates	Amphe- tamines	Phency- clidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees	1 1												
Long-Term Contractors													
Short-Term Contractors	8 4	6				3	1						A
TOTAL	9 5	6	0	0	0	3	1						

On November 1, 1990, CECO implemented a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for CECO's more stringent level of 50 ng/ml, the data is reported above as follows:

All Positives Tests at or above
Commonwealth Edison's threshold.



Positive Tests at
100 ng/ml or greater.

LASALLE NUCLEAR POWER STATION - CONTINUED

For the period January 1, through June 30, 1992, 502 Random tests were conducted of the licensee station assigned work force, yielding a Random test rate of 51%. During this same period, 625 Random tests were conducted of the contractor work force, resulting in a Random test rate of 52%.

Management Actions:

Commonwealth Edison does not invoke temporary suspensions or other administrative actions for on-site presumptive positives for Marijuana (THC) and for Cocaine.

The computer programming necessary to create two distinct test pools for "Long Term" and "Short Term" contractors was completed in June. Random testing of these two separate categories of contractors was implemented in July and testing results for each category over the next six months will be reported in the FFD Performance Data Report for the second period of 1992.

Each of the 17 positive tests resulted in either denial or revocation of unescorted access.

One individual had access denied/revoked for a refusal to test.

Events Reported:

No 24 hour Fitness For Duty Reports were filed for this time period.

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

COMMONWEALTH EDISON COMPANY	June 30, 1992
Company	Six Months Ending
Quad Cities Nuclear Power Station	
Location	
Garey J. Toleski	(708) 515-7544
Contact Name	Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26	
Marijuana 50 / 15 Amphetamines 1000 / 500	
Cocaine 300 / 150 Phencyclidine 25 / 25	
Opiates 300 / 300 Alcohol (% BAC) .04	

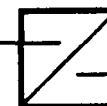
Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Average Number with Unescorted Access		852				1248	
Pre-Access		13	0			374	3
For Cause	Post Accident	—				—	
	Observed Behavior	—				1	1
Random		444	0			663	4
Follow-up		10	0			39	2
Other		1	0			37	0
TOTAL		468	0			1114	10

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - QUAD CITIES NUCLEAR POWER STATION

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees													
Long-Term Contractors													
Short-Term Contractors	7 4	2	0	0	0	2	0						A
TOTAL	7 4	2	0	0	0	2	0						

On November 1, 1990, CECO implemented a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for CECO's more stringent level of 50 ng/ml, the data is reported above as follows:

All Positives Tests at or above Commonwealth Edison's threshold.



Positive Tests at 100 ng/ml or greater.

QUAD CITIES NUCLEAR POWER STATION - CONTINUED

For the period January 1, through June 30, 1992, 444 Random tests were conducted of the licensee station assigned work force, yielding a Random test rate of 52%. During this same period, 663 Random tests were conducted of the contractor work force, resulting in a Random test rate of 53%.

Management Actions:

Commonwealth Edison does not invoke temporary suspensions or other administrative actions for on-site presumptive positives for Marijuana (THC) and for Cocaine.

The computer programming necessary to create two distinct test pools for "Long Term" and "Short Term" contractors was completed in June. Random testing of these two separate categories of contractors was implemented in July and testing results for each category over the next six months will be reported in the FFD Performance Data Report for the second period of 1992.

Each of the 10 positive tests resulted in either denial or revocation of unescorted access.

Events Reported:

One 24 hour Fitness For Duty Reports was filed for this time period.

A Follow-up test was conducted on April 22, 1992, which yielded a confirmed positive for a contractor's supervisor. Unescorted access was denied on April 22, 1992 and this report was reported to USNRC Headquarters on April 23, 1992. A work investigation was conducted by contractor personnel.

This individual will not be eligible for reinstatement of unescorted access.

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

COMMONWEALTH EDISON COMPANY	June 30, 1992
_____ Company	_____ Six Months Ending
Zion Nuclear Power Station	
_____ Location	
Garey J. Toleski	(708) 515-7544
_____ Contact Name	_____ Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26	
Marijuana 50 / 15 Amphetamines 1000 / 500	_____
Cocaine 300 / 150 Phencyclidine 25 / 25	_____
Opiates 300 / 300 Alcohol (% BAC) .04	_____

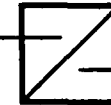
Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Average Number with Unescorted Access		971				1334	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		50	0			951	19
For Cause	Post Accident	—				—	
	Observed Behavior	4	0			3	2
Random		478	1			656	9
Follow-up		35	0			53	0
Other		6	0			38	1
TOTAL		573	1			1701	31

BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - ZION NUCLEAR POWER STATION

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5	
Licensee Employees						1							
Long-Term Contractors													
Short-Term Contractors	15 12	13	0	0	0	5							A
TOTAL	15 12	13	0	0	0	6							

On November 1, 1990, CECO implemented a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for CECO's more stringent level of 50 ng/ml, the data is reported above as follows:

All Positives Tests at or above Commonwealth Edison's threshold.



Positive Tests at 100 ng/ml or greater.

ZION NUCLEAR POWER STATION - CONTINUED

For the period January 1, through June 30, 1992, 478 Random tests were conducted of the licensee station assigned work force, yielding a Random test rate of 49%. During this same period, 656 Random tests were conducted of the contractor work force, resulting in a Random test rate of 49%.

Management Actions:

Commonwealth Edison does not invoke temporary suspensions or other administrative actions for on-site presumptive positives for Marijuana (THC) and for Cocaine.

The computer programming necessary to create two distinct test pools for "Long Term" and "Short Term" contractors was completed in June. Random testing of these two separate categories of contractors was implemented in July and testing results for each category over the next six months will be reported in the FFD Performance Data Report for the second period of 1992.

Each of the 32 positive tests resulted in either denial or revocation of unescorted access.

Events Reported:

No 24 hour Fitness For Duty Reports were filed for this time period.