



Commonwealth Edison
1400 Opus Place
Downers Grove, Illinois 60515

August 24, 1994

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 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, 1994.

The attachments to this letter contain the performance data for Braidwood, Byron, Dresden, LaSalle, Quad Cities, and Zion Stations respectively. Also included is 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/LCS
Region III Office

k:/nla/zion/ltr-nrcz.wpf/87

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PDR ADDOCK 05000237
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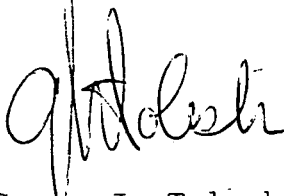
August 23, 1994

To: Terry Simpkin
Nuclear Licensing

RE: FFD Performance Data Reports - First Period 1994

Enclosed are the aforementioned reports for each Nuclear Station and for Corporate Nuclear Operations for submittal to the USNRC per 10CFR26.71. These reports are required to be submitted to the Commission within 60 days of June 30, 1994.

Should you have any questions, please call me on extension 7544.

A handwritten signature in dark ink, appearing to read "G. Toleski", with a stylized, cursive script.

Gary J. Toleski
Program Administrator
Fitness for Duty

Enclosures

cc: P. Laird
P. Welsh

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

COMMONWEALTH EDISON COMPANY

Company

JUNE 30, 1994

Six Months Ending

BRAIDWOOD NUCLEAR POWER STATION

GAREY J. TOLESKI

Contact Name

(708) 663-7544

Phone (Include area code)

Cutoffs: Screen/Confirmation (ng/ml)

Appendix A to 10CFR 26

Marijuana 50/15 Amphetamines 1000/500

Cocaine 300/150 Phencyclidine 25/25

Opiates 300/300 Alcohol (% BAC) .04

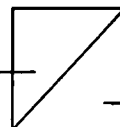
TESTING RESULTS		LICENSEE EMPLOYEES		LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
AVERAGE NUMBER WITH UNESCORTED ACCESS		856		116		617	
CATEGORIES		NUMBER TESTED	NUMBER POSITIVE	NUMBER TESTED	NUMBER POSITIVE	NUMBER TESTED	NUMBER POSITIVE
PRE-ACCESS		19	0	2	0	772	7
FOR	POST ACCIDENT	0	0	0	0	0	0
CAUSE	OBSERVED BEHAVIOR	0	0	0	0	1	0
RANDOM		223	0	30	0	160	2
FOLLOW-UP		2	0	0	0	27	1
OTHER		14	1	0	0	42	0
TOTAL		258	1	32	0	1002	10

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	0	1	0	0	0	0	0						
Long-Term Contractors	0	0	0	0	0	0	0						
Short-Term Contractors	4 3	5	0	0	0	1	3						
TOTAL	4 3	6	0	0	0	1	3						A

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 Positive Tests at or above
Commonwealth Edison's Threshold



Positive Tests at 100 ng/ml or greater

BRAIDWOOD NUCLEAR POWER STATION

MANAGEMENT ACTIONS AND SANCTIONS

Eleven (11) positive test resulted in the denial of unescorted access.

Three (3) short term contractors refused to preaccess test. Access was denied.

EVENTS REPORTED

There were no 24 hour reportable events during the reporting period.

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

COMMONWEALTH EDISON COMPANY
Company

JUNE 30, 1994
Six Months Ending

BYRON NUCLEAR POWER STATION

GAREY J. TOLESKI
Contact Name

(708) 663-7544
Phone (Include area code)

Cutoffs: Screen/Confirmation (ng/ml)

Appendix A to 10CFR 26

Marijuana 50/15 Amphetamines 1000/500

Cocaine 300/150 Phencyclidine 25/25

Opiates 300/300 Alcohol (% BAC) .04

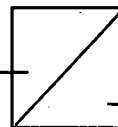
TESTING RESULTS		LICENSEE EMPLOYEES		LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
AVERAGE NUMBER WITH UNESCORTED ACCESS		876		120		294	
CATEGORIES		NUMBER TESTED	NUMBER POSITIVE	NUMBER TESTED	NUMBER POSITIVE	NUMBER TESTED	NUMBER POSITIVE
PRE-ACCESS		25	0	11	0	29	0
FOR	POST ACCIDENT	0	0	0	0	0	0
CAUSE	OBSERVED BEHAVIOR	0	0	0	0	0	0
RANDOM		221	0	31	0	73	0
FOLLOW-UP		2	0	0	0	0	0
OTHER		26	0	0	0	4	0
TOTAL		274	0	42	0	106	0

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

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

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 Positive Tests at or above
Commonwealth Edison's Threshold



Positive Tests at 100 ng/ml or greater

BYRON NUCLEAR POWER STATION

MANAGEMENT ACTIONS AND SANCTIONS

None

EVENTS REPORTED

There were no 24 hour reportable events during the reporting period.

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

COMMONWEALTH EDISON COMPANY
Company

JUNE 30, 1994
Six Months Ending

DRESDEN NUCLEAR POWER STATION

GAREY J. TOLESKI
Contact Name

(708) 663-7544
Phone (Include area code)

Cutoffs: Screen/Confirmation (ng/ml)

Appendix A to 10CFR 26

Marijuana 50/15 Amphetamines 1000/500

Cocaine 300/150 Phencyclidine 25/25

Opiates 300/300 Alcohol (% BAC) .04

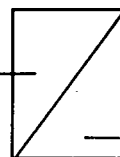
TESTING RESULTS		LICENSEE EMPLOYEES		LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
AVERAGE NUMBER WITH UNESCORTED ACCESS		1005		116		1261	
CATEGORIES		NUMBER TESTED	NUMBER POSITIVE	NUMBER TESTED	NUMBER POSITIVE	NUMBER TESTED	NUMBER POSITIVE
PRE-ACCESS		176	4	10	0	1104	17
FOR	POST ACCIDENT	0	0	0	0	0	0
CAUSE	OBSERVED BEHAVIOR	0	0	0	0	1	0
RANDOM		262	1	31	0	329	1
FOLLOW-UP		15	0	0	0	65	1
OTHER		18	1	0	0	52	0
TOTAL		471	6	41	0	1551	19

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

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test	1	2	3	4	5	
Licensee Employees	2 1	1	0	0	0	4	0						
Long-Term Contractors	0	0	0	0	0	0	0						
Short-Term Contractors	12 8	7	0	0	0	0	1						A
TOTAL	14 9	8	0	0	0	4	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 Positive Tests at or above
Commonwealth Edison's Threshold



Positive Tests at 100 ng/ml or greater

DRESDEN NUCLEAR POWER STATION

MANAGEMENT ACTIONS AND SANCTIONS

Twenty-five (25) positive drug and alcohol tests resulted in either the revocation or denial of unescorted access.

One (1) short term contractor refused to test on a recollection due to a dilute preaccess test. Access was denied.

EVENTS REPORTED

There were no 24 hour reportable events during this reporting period.

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

COMMONWEALTH EDISON COMPANY
Company

JUNE 30, 1994
Six Months Ending

LASALLE NUCLEAR POWER STATION

GAREY J. TOLESKI
Contact Name

(708) 663-7544
Phone (Include area code)

Cutoffs: Screen/Confirmation (ng/ml)

Appendix A to 10CFR 26

Marijuana 50/15 Amphetamines 1000/500

Cocaine 300/150 Phencyclidine 25/25

Opiates 300/300 Alcohol (% BAC) .04

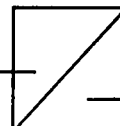
TESTING RESULTS		LICENSEE EMPLOYEES		LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
AVERAGE NUMBER WITH UNESCORTED ACCESS		1042		119		882	
CATEGORIES		NUMBER TESTED	NUMBER POSITIVE	NUMBER TESTED	NUMBER POSITIVE	NUMBER TESTED	NUMBER POSITIVE
PRE-ACCESS		17	0	16	0	940	13
FOR	POST ACCIDENT	0	0	0	0	0	0
CAUSE	OBSERVED BEHAVIOR	1	0	0	0	5	0
RANDOM		273	0	31	0	237	3
FOLLOW-UP		6	0	0	0	50	1
OTHER		7	0	0	0	40	1
TOTAL		304	0	47	0	1272	18

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

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test	1	2	3	4	5	
Licensee Employees	0	0	0	0	0	0	0						
Long-Term Contractors	0	0	0	0	0	0	0						
Short-Term Contractors	9 7	7	0	0	0	2	0						A
TOTAL	9 7	7	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 Positive Tests at or above
Commonwealth Edison's Threshold



Positive Tests at 100 ng/ml or greater

LASALLE COUNTY NUCLEAR POWER STATION

MANAGEMENT ACTIONS AND SANCTIONS

Eighteen (18) positive drug and alcohol tests resulted in either the revocation or denial of unescorted access.

EVENTS REPORTED

There were no 24 hour reportable events during the reporting period.

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

COMMONWEALTH EDISON COMPANY

Company

JUNE 30, 1994

Six Months Ending

QUAD CITIES NUCLEAR POWER STATION

GAREY J. TOLESKI

Contact Name

(708) 663-7544

Phone (Include area code)

Cutoffs: Screen/Confirmation (ng/ml)

Appendix A to 10CFR 26

Marijuana 50/15 Amphetamines 1000/500

Cocaine 300/150 Phencyclidine 25/25

Opiates 300/300 Alcohol (% BAC) .04

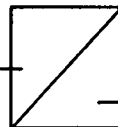
TESTING RESULTS		LICENSEE EMPLOYEES		LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
AVERAGE NUMBER WITH UNESCORTED ACCESS		863		133		1388	
CATEGORIES		NUMBER TESTED	NUMBER POSITIVE	NUMBER TESTED	NUMBER POSITIVE	NUMBER TESTED	NUMBER POSITIVE
PRE-ACCESS		63	0	10	0	1182	25
FOR	POST ACCIDENT	0	0	0	0	0	0
CAUSE	OBSERVED BEHAVIOR	1	1	0	0	3	1
RANDOM		237	0	43	0	375	1
FOLLOW-UP		6	0	0	0	56	0
OTHER		10	1	0	0	135	3
TOTAL		317	2	53	0	1751	30

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	0	0	0	0	0	2	0						
Long-Term Contractors	0	0	0	0	0	0	0						
Short-Term Contractors	21 15	5	0	3	0	2	1						A
TOTAL	21 15	5	0	3	0	4	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 Positive Tests at or above
Commonwealth Edison's Threshold



Positive Tests at 100 ng/ml or greater

QUAD CITIES NUCLEAR POWER STATION

MANAGEMENT ACTIONS AND SANCTIONS

Thirty-two (32) positive drug and alcohol tests resulted in either the revocation or denial of unescorted access.

One (1) short term contractor refused to test on a recollection due to an adulterated preaccess specimen. Access was denied.

EVENTS REPORTED

On April 24, 1994, a for cause test of a licensee supervisor yielded a positive result. Unescorted access was denied and the event was reported to the USNRC headquarters on April 24, 1994. Corporate Security conducted a full investigation of the event which was provided to Region III on May 9, 1994. This investigation concluded the individual's performance while on-site did not impact safe operation of the plant.

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

COMMONWEALTH EDISON COMPANY
Company

JUNE 30, 1994
Six Months Ending

ZION NUCLEAR POWER STATION

GAREY J. TOLESKI
Contact Name

(708) 663-7544
Phone (Include area code)

Cutoffs: Screen/Confirmation (ng/ml)

Appendix A to 10CFR 26

Marijuana 50/15 Amphetamines 1000/500

Cocaine 300/150 Phencyclidine 25/25

Opiates 300/300 Alcohol (% BAC) .04

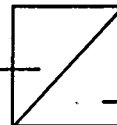
TESTING RESULTS		LICENSEE EMPLOYEES		LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
AVERAGE NUMBER WITH UNESCORTED ACCESS		909		105		832	
CATEGORIES		NUMBER TESTED	NUMBER POSITIVE	NUMBER TESTED	NUMBER POSITIVE	NUMBER TESTED	NUMBER POSITIVE
PRE-ACCESS		38	1	11	0	191	2
FOR	POST ACCIDENT	0	0	0	0	0	0
CAUSE	OBSERVED BEHAVIOR	0	0	0	0	2	0
RANDOM		236	2	28	0	217	0
FOLLOW-UP		27	0	0	0	31	0
OTHER		26	0	0	0	31	0
TOTAL		327	3	39	0	472	2

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 1	2	0	0	0	0	0						
Long-Term Contractors	0	0	0	0	0	0	0						
Short-Term Contractors	2 2	0	0	0	0	0	1						
TOTAL	3 3	2	0	0	0	0	1						A

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 Positive Tests at or above
Commonwealth Edison's Threshold



Positive Tests at 100 ng/ml or greater

ZION NUCLEAR POWER STATION

MANAGEMENT ACTIONS AND SANCTIONS

Five (5) positive drug tests resulted in either the revocation or denial of unescorted access.

One refusal to follow-up test by a short term contractor resulted in the revocation of unescorted access for the minimum three years.

EVENTS REPORTED

There were no 24 hour reportable events during this reporting period.

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

COMMONWEALTH EDISON COMPANY
Company

JUNE 30, 1994
Six Months Ending

CORPORATE NUCLEAR OPERATIONS

GAREY J. TOLESKI
Contact Name

(708) 663-7544
Phone (Include area code)

Cutoffs: Screen/Confirmation (ng/ml)

Appendix A to 10CFR 26

Marijuana 50/15 Amphetamines 1000/500

Cocaine 300/150 Phencyclidine 25/25

Opiates 300/300 Alcohol (% BAC) .04

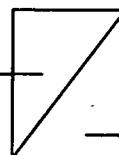
TESTING RESULTS		LICENSEE EMPLOYEES		LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
AVERAGE NUMBER WITH UNESCORTED ACCESS		628		0		0	
CATEGORIES		NUMBER TESTED	NUMBER POSITIVE	NUMBER TESTED	NUMBER POSITIVE	NUMBER TESTED	NUMBER POSITIVE
PRE-ACCESS		70	0	1	0	26	0
FOR	POST ACCIDENT	0	0	0	0	0	0
CAUSE	OBSERVED BEHAVIOR	0	0	0	0	0	0
RANDOM		157	0	0	0	0	0
FOLLOW-UP		18	0	0	0	0	0
OTHER		1	0	0	0	0	0
TOTAL		246	0	1	0	26	0

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

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

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 Positive Tests at or above
Commonwealth Edison's Threshold



Positive Tests at 100 ng/ml or greater

CORPORATE NUCLEAR OPERATIONS

MANAGEMENT ACTIONS AND SANCTIONS

Five hundred ninety-two (592) on-site tested negative quality control specimens were submitted to the SAMHSA laboratory during the first period. 591 were confirmed negative by the laboratory. One on-site negative was reported as opiate positive at 301 ng/ml by the laboratory. A 6 mm test of the specimen was negative. The test results were reviewed by the MRO and after an interview with the donor the test was determined to be negative. The on-site immunoassay test instrument was calibrated according to the manufacturer's recommendations. A review of the other on-site test results for that day indicated no unusual circumstances. The overall accuracy of the on-site specimen screening program is acceptable under instrument accuracy standards. The false negative test result may be attributed to variability of reagents and/or differences in on-site and laboratory test equipment.

During the First Period, 194 blind performance specimens were submitted to the SAMHSA laboratory. Blind performance testing was conducted at the fifty percent rate for the first quarter due to a change in laboratories. Three Marijuana positive blind specimens were reported by the laboratory as positive for Amphetamine, Opiates, Cocaine, Marijuana and Phencyclidine. ComEd initiated an investigation which resulted in the supplier identifying the cause of the event as a shipping error. The lot number supplied was indeed positive for all five (5) drugs. This error by the supplier is considered administrative in nature.

One (1) certified negative submitted to the SAMHSA laboratory was reported as positive for Phencyclidine at a very low level (26 ng/ml). This laboratory then retested the specimen with the same results. The positive PCP blind specimens are quantified at 125 ng/ml (almost five times greater than the laboratory quantitation of this specimen). All blind performance specimens from the vendor are certified by the lot number. Of the seventy-five (75) certified negative specimens submitted from this shipment, all other laboratory blind specimen test results are acceptable. The specimen has been sent to another laboratory for quantitative testing. This investigation is still open.

Eight (8) FFD Program violation appeals were received for the 1st Period. All violation decisions were upheld by the Commonwealth Edison Executive Review Board.

Eighty-two (82) positive test results were reported by the laboratory and were verified confirmed positive by the Medical Review Officer. Additionally, during this period, thirteen (13) positive specimens were requested to be reanalyzed and subsequently re-confirmed positive.