



August 23, 1996

U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attn: Document Control Desk

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,  
50-254/265, 50-237/249, 50-373/374

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, 1996.

The attachment to this letter contains 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,

Marcia T. Lesniak  
Nuclear Licensing Administrator

Attachment

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

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

<u><b>COMMONWEALTH EDISON COMPANY</b></u> Company	<u><b>JUNE 30, 1996</b></u> Six Months Ending
<u><b>BRAIDWOOD NUCLEAR POWER STATION</b></u> Location	
<u><b>GAREY J. TOLESKI</b></u> Contact Name	<u><b>708-663-7545</b></u> 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		861		112		620	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		54	0	3	0	1003	14
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	2	0	0	0	5	1
Random		215	0	28	0	160	0
Follow-up		0	0	0	0	10	0
Other		6	0	0	0	19	2
<b>Total</b>		<b>277</b>	<b>0</b>	<b>31</b>	<b>0</b>	<b>1197</b>	<b>17</b>

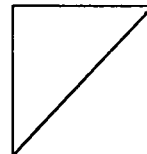
BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - BRAIDWOOD NUCLEAR POWER STATION

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test	1	2	3	4	5
Licensee Employees	0	0	0	0	0	0	0					
Long-Term Contractors	0	0	0	0	0	0	0					
Short-Term Contractors	7 4	5	0	0	0	5	1					
TOTAL	7 4	5	0	0	0	5	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 ComEd'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**

Seventeen positive tests, one refusal to test, and one failure to cooperate resulted in the denial or revocation of unescorted access.

**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, 1996**

Six Months Ending

**BYRON NUCLEAR POWER STATION**

Location

**GAREY J. TOLESKI**

Contact Name

**708-663-7545**

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		861		113		573	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		49	0	1	0	874	24
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	0	0	0	0	2	1
Random		222	0	29	0	149	0
Follow-up		0	0	0	0	9	1
Other		14	0	0	0	11	2
<b>Total</b>		<b>285</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>1045</b>	<b>28</b>

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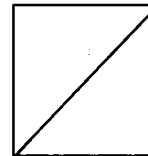
BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - BYRON NUCLEAR POWER STATION

	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	15 12	8	0	0	0	5	1					
TOTAL	15 12	8	0	0	0	5	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 ComEd'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**

Twenty-eight positive tests and one refusal to test resulted in the denial or revocation of unescorted access.

**Events Reported**

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

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

<u><b>COMMONWEALTH EDISON COMPANY</b></u> Company	<u><b>JUNE 30, 1996</b></u> Six Months Ending
<u><b>DRESDEN NUCLEAR POWER STATION</b></u> Location	
<u><b>GAREY J. TOLESKI</b></u> Contact Name	<u><b>708-663-7545</b></u> 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		989		115		846	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		56	0	9	0	476	3
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	1	1	0	0	1	0
Random		258	1	30	0	220	2
Follow-up		19	1	0	0	27	0
Other		5	0	2	0	13	2
<b>Total</b>		<b>339</b>	<b>3</b>	<b>41</b>	<b>0</b>	<b>737</b>	<b>7</b>



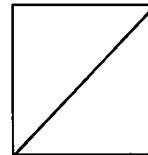
BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - **DRESDEN NUCLEAR POWER STATION**

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

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 ComEd'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

Ten positive tests and two refusals to test resulted in the denial or revocation of unescorted access.

### Events Reported

A random test conducted on January 19, 1996 resulted in a positive result for licensee SRO supervisor. The event was reported to the NRC Operations center on January 22, 1996. Unescorted access was denied and the individual is no longer employed by the Company.

A For Cause test conducted on March 31, 1996 resulted in positive test for a licensee supervisor. The event was reported to the NRC Operations Center on April 1, 1996. Reinstatement requirements were met and the individual's unescorted access was reinstated.

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

<u><b>COMMONWEALTH EDISON COMPANY</b></u> Company	<u><b>JUNE 30, 1996</b></u> Six Months Ending
<u><b>LASALLE COUNTY NUCLEAR POWER STATION</b></u> Location	
<u><b>GAREY J. TOLESKI</b></u> Contact Name	<u><b>708-663-7545</b></u> 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		904		109		869	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		34	0	6	0	1355	15
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	1	0	0	0	2	1
Random		236	1	29	0	225	4
Follow-up		0	0	0	0	61	1
Other		8	1	0	0	38	1
<b>Total</b>		<b>279</b>	<b>2</b>	<b>35</b>	<b>0</b>	<b>1681</b>	<b>22</b>

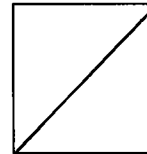
**BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - LASALLE COUNTY NUCLEAR POWER STATION**

	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	12 2	9	1	0	0	2	0					
<b>TOTAL</b>	12 2	9	1	0	0	4	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 ComEd'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**

Twenty-four positive tests resulted in the denial or revocation of unescorted access.

**Events Reported**

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

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

<u><b>COMMONWEALTH EDISON COMPANY</b></u> Company	<u><b>JUNE 30, 1996</b></u> Six Months Ending
<u><b>QUAD CITIES NUCLEAR POWER STATION</b></u> Location	
<u><b>GAREY J. TOLESKI</b></u> Contact Name	<u><b>708-663-7545</b></u> 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		929		108		943	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		14	0	4	0	1392	20
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	1	0	0	0	9	5
Random		242	0	27	0	247	1
Follow-up		14	0	0	0	36	0
Other		14	0	0	0	50	0
<b>Total</b>		<b>285</b>	<b>0</b>	<b>31</b>	<b>0</b>	<b>1734</b>	<b>26</b>

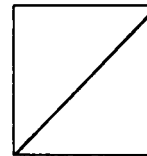
BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - QUAD CITIES NUCLEAR POWER STATION

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test	1	2	3	4	5
Licensee Employees	0	0	0	0	0	0	0					
Long-Term Contractors	0	0	0	0	0	0	0					
Short-Term Contractors	17 9	7	0	0	0	4	1					
TOTAL	17 9	7	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 ComEd'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**

Twenty-six positive tests and one refusal to test resulted in the denial or revocation 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**

<u><b>COMMONWEALTH EDISON COMPANY</b></u> Company	<u><b>JUNE 30, 1996</b></u> Six Months Ending
<u><b>ZION NUCLEAR POWER STATION</b></u> Location	
<u><b>GAREY J. TOLESKI</b></u> Contact Name	<u><b>708-663-7545</b></u> 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		890		97		311	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		33	0	32	1	408	3
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	0	0	0	0	1	1
Random		222	0	25	0	78	0
Follow-up		8	0	0	0	1	0
Other		20	0	0	0	0	0
<b>Total</b>		<b>283</b>	<b>0</b>	<b>57</b>	<b>1</b>	<b>488</b>	<b>4</b>

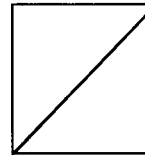
BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - ZION NUCLEAR POWER STATION

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test	1	2	3	4	5
Licensee Employees	0	0	0	0	0	0	0					
Long-Term Contractors	0	1	0	0	0	0	0					
Short-Term Contractors	2 1	1	0	0	0	1	0					
TOTAL	2 1	2	0	0	0	1	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 ComEd'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 positive tests resulted in the denial or revocation 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**

<u><b>COMMONWEALTH EDISON COMPANY</b></u> Company	<u><b>JUNE 30, 1996</b></u> Six Months Ending
<u><b>CORPORATE NUCLEAR OPERATIONS</b></u> Location	
<u><b>GAREY J. TOLESKI</b></u> Contact Name	<u><b>708-663-7545</b></u> 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		713		----		----	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		146	0	0	0	14	0
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	0	0	0	0	0	0
Random		184	0	0	0	0	0
Follow-up		0	0	0	0	1	0
Other		1	0	0	0	0	0
<b>Total</b>		<b>331</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>0</b>

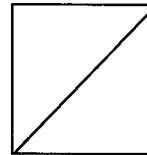
BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - **CORPORATE NUCLEAR OPERATIONS**

	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					

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 ComEd'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

There were no positive test results requiring action during this reporting period.

Five hundred thirty (530) on-site tested negative quality control specimens were submitted to the SAMHSA laboratory during the first period 1996. All specimens were confirmed negative by the laboratory.

Blind performance testing was conducted at a rate of ten percent. Thirty-seven (37) specimens were submitted to the laboratory. All results were reported correctly.

Seven (7) FFD program violation appeals were received for the first period 1996. All violation decisions were upheld by the ComEd Executive Review Board.

One hundred ten (110) positive test results were verified confirmed positive by the Medical Review Officer. Additionally, during the period, two positive specimens were reanalyzed and re-confirmed positive.

### Events Reported

There were no 24 hour reportable events during this period.