



August 21, 1997

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, 1997.

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,

  
John C. Brons  
Vice President  
Nuclear Support

AD 21  
1/1

Attachment

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

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PDR ADOCK 05000237  
R PDR

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

**COMMONWEALTH EDISON COMPANY**

Company

**June 30, 1997**

Six Months Ending

**BRAIDWOOD NUCLEAR POWER STATION**

Location

**GAREY J. TOLESKI**

Contact Name

**630-663-7545**

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 \_\_\_\_\_

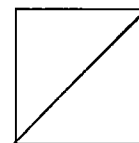
Testing Results		Licensee Employees		Long-Term Contractor		Short-Term Contractor	
Average with Unescorted Access		935		112		660	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		27	0	30	0	919	22
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	0	0	0	0	4	2
Random		240	0	26	0	171	2
Follow-up		9	0	0	0	32	1
Other		7	0	0	0	26	1
<b>Total</b>		283	0	56	0	1152	28

**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	1					
Long-Term Contractors	0	0	0	0	0	0	0					
Short-Term Contractors	19 14	7	1	0	0	3	2					
TOTAL	19 14	7	1	0	0	3	3					

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

Twenty eight positive tests resulted in the denial or revocation of unescorted access. Two refusals to test by short term contractors resulted in the denial and revocation of unescorted access. One refusal to test by a licensee employee resulted in the revocation of unescorted access. One failure to cooperate by a short term contractor resulted in the denial 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, 1997**

Six Months Ending

**BYRON NUCLEAR POWER STATION**

Location

**GAREY J. TOLESKI**

Contact Name

**630-663-7545**

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 \_\_\_\_\_

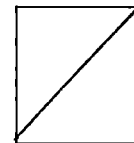
Testing Results		Licensee Employees		Long-Term Contractor		Short-Term Contractor	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Average with Unescorted Access		873		109		372	
Pre-Access		51	0	16	0	350	5
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	1	0	0	0	1	0
Random		219	3	27	0	91	0
Follow-up		12	0	0	0	8	0
Other		3	1	0	0	13	0
<b>Total</b>		286	4	43	0	463	5

**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 Employee	2 1	0	0	0	0	2	0					
Long-Term Contractors	0	0	0	0	0	0	0					
Short-Term Contractors	3 3	2	0	0	0	0	0					
TOTAL	5 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 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

Nine 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**

**COMMONWEALTH EDISON COMPANY**

Company

**June 30, 1997**

Six Months Ending

**DRESDEN NUCLEAR POWER STATION**

Location

**GAREY J. TOLESKI**

Contact Name

**630-663-7545**

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		Short-Term Contractor	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Average with Unescorted Access		998		107		1399	
Pre-Access		61	0	21	0	1887	32
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	0	0	0	0	4	3
Random		260	1	28	0	366	3
Follow-up		17	0	0	0	54	1
Other		0	0	0	0	35	3
<b>Total</b>		338	1	49	0	2346	42

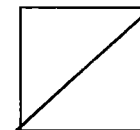


**BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - DRESDEN NUCLEAR POWER STATION**

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test	1	2	3	4	5
Licensee Employees	1 0	0	0	0	0	0	0					
Long-Term Contractors	0	0	0	0	0	0	0					
Short-Term Contractors	19 12	17	0	0	0	9	0					
TOTAL	20 12	17	0	0	0	9	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

## DRESDEN NUCLEAR POWER STATION

### Management Actions and Sanctions

Forty three positive tests resulted in the denial or revocation of unescorted access.

### Events Reported

A 24 hour reportable event call was made to the NRC Operations Center on April 7, 1997. A short term contractor supervisor tested positive during a For Cause test on April 7, 1997. Unescorted access was denied.

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

**COMMONWEALTH EDISON COMPANY**

Company

**June 30, 1997**

Six Months Ending

**LASALLE NUCLEAR POWER STATION**

Location

**GAREY J. TOLESKI**

Contact Name

**630-663-7545**

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 \_\_\_\_\_

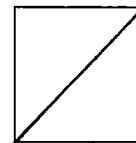
Testing Results		Licensee Employees		Long-Term Contractor		Short-Term Contractor	
Average with Unescorted Access		975		105		831	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		45	0	21	0	692	9
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	2	0	0	0	2	0
Random		252	1	27	0	215	2
Follow-up		7	0	0	0	21	1
Other		0	0	0	0	7	2
<b>Total</b>		306	1	48	0	937	14

**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	1	0	0	0	0	0					
Long-Term Contractors	0	0	0	0	0	0	0					
Short-Term Contractors	3 2	7	0	0	0	4	2					
TOTAL	3 2	8	0	0	0	4	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

## LASALLE COUNTY NUCLEAR POWER STATION

### Management Actions and Sanctions

Fifteen positive tests and two refusals 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**

**COMMONWEALTH EDISON COMPANY**

Company

**June 30, 1997**

Six Months Ending

**QUAD CITIES NUCLEAR POWER STATION**

Location

**GAREY J. TOLESKI**

Contact Name

**630-663-7545**

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 \_\_\_\_\_

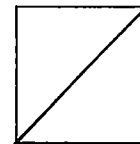
Testing Results		Licensee Employees		Long-Term Contractor		Short-Term Contractor	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Average with Unescorted Access		936		99		947	
Pre-Access		16	0	10	0	1477	21
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	1	0	0	0	2	1
Random		242	0	26	0	246	1
Follow-up		6	0	0	0	38	0
Other		2	0	1	0	30	0
<b>Total</b>		267	0	37	0	1793	23

**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	16 10	8	0	0	0	0	2					
TOTAL	16 10	8	0	0	0	0	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

## QUAD CITIES NUCLEAR POWER STATION

### Management Actions and Sanctions

Twenty three positive tests resulted in the denial or revocation of unescorted access. Two refusal to test by short term contractors resulted in the denial 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, 1997**

Six Months Ending

**ZION NUCLEAR POWER STATION**

Location

**GAREY J. TOLESKI**

Contact Name

**630-663-7545**

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 \_\_\_\_\_

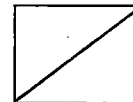
Testing Results		Licensee Employees		Long-Term Contractor		Short-Term Contractor	
		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Average with Unescorted Access		902		108		591	
Pre-Access		50	0	18	1	616	10
For Cause	Post Accident	0	0	0	0	2	0
	Observed Behavior	1	1	0	0	5	2
Random		244	1	27	0	157	1
Follow-up		9	0	0	0	25	1
Other		6	0	2	0	17	1
<b>Total</b>		310	2	47	1	822	15

**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	0	0	0	0	1	0					
Long-Term Contractors	1 0	0	0	0	0	0	0					
Short-Term Contractors	9 4	2	0	0	0	4	0					
TOTAL	11 5	2	0	0	0	5	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

## ZION NUCLEAR POWER STATION

### Management Actions and Sanctions

Eighteen positive tests resulted in the denial or revocation of unescorted access. One failure to cooperate resulted in the denial of unescorted access.

### Events Reported

On February 1, 1997, a licensee supervisor failed to have a For Cause test conducted on a short term contractor supervisor after being notified of the consumption of alcohol in the preceding five hour period before reporting to work.

On June 12, 1997, a licensee supervisor, after detecting the odor of alcohol, did not follow through to ensure a For Cause test was conducted in a timely manner.

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

**COMMONWEALTH EDISON COMPANY**

Company

**June 30, 1997**

Six Months Ending

**CORPORATE NUCLEAR OPERATIONS**

Location

**GAREY J. TOLESKI**

Contact Name

**630-663-7545**

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 \_\_\_\_\_

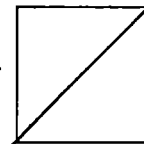
Testing Results		Licensee Employees		Long-Term Contractor		Short-Term Contractor	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Average with Unescorted Access		765		0		0	
Pre-Access		326	0	0	0	28	0
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	1	0	0	0	0	0
Random		200	0	0	0	0	0
Follow-up		1	0	0	0	1	0
Other		4	0	0	0	0	0
<b>Total</b>		<b>532</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</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					
<b>TOTAL</b>	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 twenty three (523) on-site tested negative quality control specimens were submitted to the SAMHSA laboratory during this period. All specimens were confirmed negative by the laboratory.

Blind performance testing was conducted at a rate of ten percent. Fourteen specimens were submitted to the laboratory. All results were reported correctly.

Nine Fitness For Duty program violation appeals were received for this period. All violation decisions were upheld by the ComEd Executive Review Board.

One hundred forty two (142) positive test results were confirmed positive by the Medical Review Officer. Additionally, five (5) positive specimens were reanalyzed and re-confirmed positive.

### Events Reported

There were no 24 hour reportable events during the period.