



February 25, 1997

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

Attn: Document Control Desk

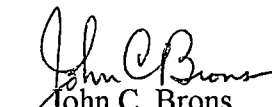
Subject: Byron Station Units 1 and 2  
Braidwood Station Units 1 and 2  
Zion Station Units 1 and 2  
Quad Cities Station Units 1 and 2  
Dresden Station Units 2 and 3  
LaSalle County Station Units 1 and 2  
Fitness for Duty Reporting 10 CFR 26.71(d)  
NRC Docket Nos. 50-454/455, 50-456/457, 50-295/304,  
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 December 31, 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,

  
John C. Brons  
Vice President  
Nuclear Support

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>COMMONWEALTH EDISON COMPANY</u> Company	<u>DECEMBER 31, 1996</u> Six Months Ending
<b>CORPORATE NUCLEAR OPERATIONS</b> Location	
<u>GAREY J. TOLESKI</u> Contact Name	<u>630-663-7545</u> Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) / <u>          </u> / Appendix A to 10CFR 26	
Marijuana	50/15      Amphetamines      1000/500      _____
Cocaine	300/150      Phencyclidine      25/25      _____
Opiates	300/300      Alcohol (% BAC)      .04      _____

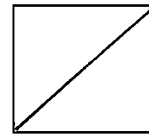
Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		727					
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		183	0	0	0	32	0
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	0	0	0	0	0	0
Random		191	0	0	0	0	0
Follow-up		0	0	0	0	0	0
Other		0	0	0	0	0	0
<b>Total</b>		<b>374</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</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 ten (510) 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. Fifty-two (52) specimens were submitted to the laboratory. All results were reported correctly.

Three FFD program violation appeals were received for this period. All violation decisions were upheld by the ComEd Executive Review Board.

One hundred thirty-one (131) positive test results were confirmed positive by the Medical Review Officer. Additionally, three (3) positive specimens were reanalyzed and re-confirmed positive.

### Events Reported

There were no 24 hour reportable events during the period.

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

<u>COMMONWEALTH EDISON COMPANY</u> Company	<u>DECEMBER 31, 1996</u> Six Months Ending
<b>BRAIDWOOD NUCLEAR POWER STATION</b> Location	
<u>GAREY J. TOLESKI</u> Contact Name	<u>630-663-7545</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      _____

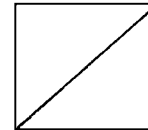
Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		881		111		530	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		89	3	11	0	379	6
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	0	0	0	0	1	1
Random		236	1	29	0	117	1
Follow-up		2	0	0	0	16	1
Other		7	0	0	0	1	1
<b>Total</b>		<b>334</b>	<b>4</b>	<b>40</b>	<b>0</b>	<b>514</b>	<b>10</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	1 1	3	1	0	0	0	0					
Long-Term Contractors	0	0	0	0	0	0	0					
Short-Term Contractors	4 2	1	0	0	0	5	0					
TOTAL	5 3	4	1	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  
100 ng/ml or greater

**BRAIDWOOD NUCLEAR POWER STATION**

**Management Actions and Sanctions**

Fourteen 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>COMMONWEALTH EDISON COMPANY</u> Company	<u>DECEMBER 31, 1996</u> Six Months Ending
<u>BYRON NUCLEAR POWER STATION</u> Location	
<u>GAREY J. TOLESKI</u> Contact Name	<u>630-663-7545</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		865		110		543	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		49	0	2	0	970	23
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	0	0	0	0	1	0
Random		211	1	27	0	129	0
Follow-up		2	0	0	0	14	0
Other		2	0	16	1	16	1
<b>Total</b>		<b>264</b>	<b>1</b>	<b>29</b>	<b>0</b>	<b>1130</b>	<b>24</b>

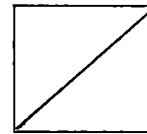


**BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - BYRON NUCLEAR POWER STATION**

Licensee Employees	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test	1	2	3	4	5
Long-Term Contractors	1 1	0	0	0	0	0	0					
Short-Term Contractors	0	0	0	0	0	0	0					
TOTAL	15 5	5	1	1	0	3	1					
	16 6	5	1	1	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 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-five 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>COMMONWEALTH EDISON COMPANY</u> Company	<u>DECEMBER 31, 1996</u> Six Months Ending			
<u>DRESDEN NUCLEAR POWER STATION</u> Location				
<u>GAREY J. TOLESKI</u> Contact Name	<u>630-663-7545</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	_____

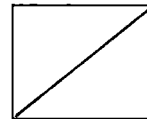
Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		1006		112		896	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		159	5	25	1	808	11
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	1	0	0	0	3	1
Random		247	1	27	0	230	0
Follow-up		14	0	0	0	24	0
Other		3	0	0	0	16	1
<b>Total</b>		<b>424</b>	<b>6</b>	<b>52</b>	<b>1</b>	<b>1081</b>	<b>13</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	4 1	2	0	0	0	0	0	0				
Long-Term Contractors	1 0	0	0	0	0	0	0	0				
Short-Term Contractors	5 5	5	0	0	0	3	0	1				
TOTAL	10 6	7	0	0	0	3	0	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

\* Column 1 is for Benzodiazepine

## DRESDEN NUCLEAR POWER STATION

### Management Actions and Sanctions

Twenty 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>COMMONWEALTH EDISON COMPANY</u> Company	<u>DECEMBER 31, 1996</u> Six Months Ending
<b>LASALLE COUNTY NUCLEAR POWER STATION</b> Location	
<u>GAREY J. TOLESKI</u> Contact Name	<u>630-663-7545</u> Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) / <u>          </u> / Appendix A to 10CFR 26	
Marijuana	50/15      Amphetamines      1000/500
Cocaine	300/150      Phencyclidine      25/25
Opiates	300/300      Alcohol (% BAC)      .04

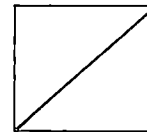
Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		937		108		967	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		62	0	13	1	1243	17
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	1	0	0	0	4	1
Random		252	0	28	0	282	2
Follow-up		13	0	0	0	58	1
Other		2	0	0	0	40	0
<b>Total</b>		<b>330</b>	<b>0</b>	<b>41</b>	<b>1</b>	<b>1627</b>	<b>21</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	0	0					
Long-Term Contractors	1 1	0	0	0	0	0	0					
Short-Term Contractors	13 5	7	0	0	0	3	2					
TOTAL	14 6	7	0	0	0	3	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

Twenty-two 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**

<u>COMMONWEALTH EDISON COMPANY</u> Company	<u>DECEMBER 31, 1996</u> Six Months Ending
<b>QUAD CITIES NUCLEAR POWER STATION</b> Location	
<u>GAREY J. TOLESKI</u> Contact Name	<u>630-663-7545</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      _____

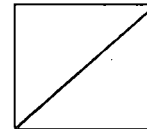
Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		921		105		687	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		25	0	6	0	365	2
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	2	1	0	0	0	0
Random		222	0	27	0	101	0
Follow-up		11	0	0	0	4	0
Other		5	0	0	0	9	0
<b>Total</b>		<b>265</b>	<b>1</b>	<b>33</b>	<b>0</b>	<b>479</b>	<b>2</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	1	0	0	0	0	0					
Long-Term Contractors	0	0	0	0	0	0	0					
Short-Term Contractors	0 1	0	0	0	0	2	0					
TOTAL	0 1	1	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

QUAD CITIES NUCLEAR POWER STATION

Management Actions and Sanctions

Three 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>COMMONWEALTH EDISON COMPANY</u> Company	<u>DECEMBER 31, 1996</u> Six Months Ending
<u>ZION NUCLEAR POWER STATION</u> Location	
<u>GAREY J. TOLESKI</u> Contact Name	<u>630-663-7545</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	

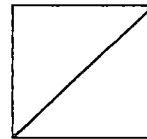
Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
Average Number with Unescorted Access		898		97		572	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		47	1	47	1	1368	24
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	1	0	0	0	4	1
Random		227	2	27	0	207	4
Follow-up		4	0	0	0	24	0
Other		19	0	0	0	28	4
<b>Total</b>		298	3	74	1	1631	33

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	3 1	1	0	0	0	0	0					
Long-Term Contractors	1 1	0	0	0	0	0	0					
Short-Term Contractors	17 10	10	1	0	0	8	0					
TOTAL	21 12	11	1	0	0	8	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

Thirty-seven positive tests resulted in the denial or revocation of unescorted access.

### Events Reported

A random test conducted on July 9, 1996 resulted in a positive result for a licensee SRO supervisor. The individual's unescorted access was denied on July 15, 1996 and the event was reported to the NRC Operations Center. The individual is no longer employed by the Company.