

RS-02-153

10 CFR 26.71(d)

August 28, 2002

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

Braidwood Station, Units 1 and 2  
Facility Operating License Nos. NPF-72 and NPF-77  
NRC Docket Nos. STN-456 and STN 50-457

Byron Station, Units 1 and 2  
Facility Operating License Nos. NPF-37 and NPF-66  
NRC Docket Nos. 50-454 and 50-455

Clinton Power Station, Unit 1  
Facility Operating License No. NPF-62  
NRC Docket No. 50-461

Dresden Nuclear Power Station, Units 1, 2, and 3  
Facility Operating License Nos. DPR-2, DPR-19 and DPR-25  
NRC Docket Nos. 50-010, 50-237 and 50-249

LaSalle County Station, Units 1 and 2  
Facility Operating License Nos. NPF-11 and NPF-18  
NRC Docket Nos. 50-373 and 50-374

Quad Cities Nuclear Power Station, Units 1 and 2  
Facility Operating License Nos. DPR-29 and DPR-30  
NRC Docket Nos. 50-254 and 50-265

Subject: Fitness for Duty Performance Data Reports - First Period - 2002

In accordance with 10 CFR 26.71(d), "Recordkeeping requirements," Exelon Generation Company (Exelon), LLC, is providing the compiled fitness-for-duty program performance data for our Midwest Regional Operating Group nuclear power stations and the corporate support employees within the scope of the rule for the six month period ending June 30, 2002.

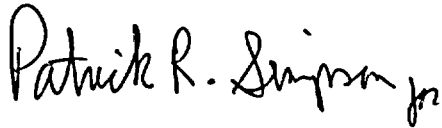
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As required by 10 CFR 26.71(d), management actions and reported events are also provided as attachments. The information is being provided as required within 60 days of June 30, i.e., by August 29, 2002. This performance data is reported on the January 1992 revised Fitness-For Duty (FFD) Performance Data Form developed by Nuclear Management and Resources Council (NUMARC).

Please direct any questions regarding this matter to T. W. Simpkin at (630) 657-2821.

Respectfully,

A handwritten signature in black ink that reads "Patrick R. Simpson Jr." with a stylized flourish at the end.

Keith R. Jury  
Director - Licensing  
Mid-West Regional Operating Group

Attachments

cc: Regional Administrator - NRC Region III  
NRC Senior Resident Inspector - Braidwood Station  
NRC Senior Resident Inspector - Byron Station  
NRC Senior Resident Inspector - Clinton Power Station  
NRC Senior Resident Inspector - Dresden Nuclear Power Station  
NRC Senior Resident Inspector - LaSalle County Station  
NRC Senior Resident Inspector - Quad Cities Nuclear Power Station



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

**Exelon**  
Company

**June 30, 2002**  
Six Months Ending

**BYRON STATION**  
Location

**Sue Techau**  
Contact Name

**(630) 657-2904**  
Phone (include area code)

Cutoffs:      Screen/Confirmation (ng/ml)      / \_\_\_\_\_ /      Appendix A to 10 CFR 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		786		0		318	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		36	0	0	0	654	11
For Cause	Post Accident	0	0	0	0	2	0
	Observed Behavior	0	0	0	0	0	0
Random		188	0	0	0	81	0
Follow-up		1	0	0	0	0	0
Other		3	0	0	0	12	0
<b>Total</b>		<b>228</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>749</b>	<b>11</b>

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

**Exelon**  
Company

**June 30, 2002**  
Six Months Ending

**CLINTON POWER STATION**  
Location

**Sue Techau**  
Contact Name

**(630) 657-2904**  
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		620		0		606	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		27	3	0	0	879	19*
For Cause	Post Accident	1	0	0	0	1	0
	Observed Behavior	0	0	0	0	1	1
Random		158	0	0	0	93	1
Follow-up		0	0	0	0	1	0
Other		0	0	0	0	17	0
<b>Total</b>		186	3	0	0	992	21*

\* Includes one refusal to test.

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

**Exelon**  
Company

**June 30, 2002**  
Six Months Ending

**DRESDEN NUCLEAR POWER STATION**  
Location

**Sue Techau**  
Contact Name

**(630) 657-2904**  
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		756		0		378	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		47	1	0	0	366	6
For Cause	Post Accident	6	0	0	0	3	0
	Observed Behavior	1	0	0	0	1	0
Random		189	0	0	0	83	0
Follow-up		0	0	0	0	0	0
Other		2	0	0	0	6	0
<b>Total</b>		<b>245</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>459</b>	<b>6</b>

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

**Exelon**  
Company

**June 30, 2002**  
Six Months Ending

**LASALLE COUNTY STATION**  
Location

**Sue Techau**  
Contact Name

**(630) 657-2904**  
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 _____

		Licensee Employees		Long -Term Contractor		Short -Term Contractor	
Average with Unescorted Access		787		0		457	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		53	0	0	0	1205	14
For Cause	Post Accident	4	0	0	0	11	0
	Observed Behavior	0	0	0	0	3	2*
Random		186	0	0	0	104	1
Follow-up		0	0	0	0	2	0
Other		0	0	0	0	7	0
<b>Total</b>		<b>243</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1332</b>	<b>17*</b>

\* Includes one refusal to test.

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

**Exelon**  
Company

**June 30, 2002**  
Six Months Ending

**QUAD CITIES NUCLEAR POWER STATION**  
Location

**Sue Techau**  
Contact Name

**(630) 657-2904**  
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		755		0		597	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		22	0	0	0	1274	24*
For Cause	Post Accident	3	0	0	0	4	0
	Observed Behavior	2	0	0	0	3	2
Random		226	0	0	0	151	0
Follow-up		0	0	0	0	2	0
Other		3	0	0	0	22	1
<b>Total</b>		256	0	0	0	1456	27*

\* Includes one refusal to test.



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

Exelon  
Company

June 30, 2002  
Six Months Ending

NUCLEAR GENERATION GROUP WARRENVILLE  
Location

Sue Techau  
Contact Name

(630) 657-2904  
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		622		0		174	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		23	0	0	0	10	0
For Cause	Post Accident	0	0	0	0	0	0
	Observed Behavior	0	0	0	0	0	0
Random		100	0	0	0	7	0
Follow-up		0	0	0	0	0	0
Other		1	0	0	0	0	0
<b>Total</b>		<b>124</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>0</b>

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

**Exelon**  
Company

**June 30, 2002**  
Six Months Ending

**MIDWEST ROG ALL LOCATIONS**  
Location

**Sue Techau**  
Contact Name

**(630) 657-2904**  
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      \_\_\_\_\_

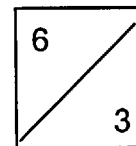
Testing Results		Licensee Employees		Long -Term Contractor		Short -Term Contractor	
Average with Unescorted Access		5089		0		2929	
Categories		Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
Pre-Access		246	4	0	0	5242	83
For Cause	Post Accident	17	0	0	0	23	0
	Observed Behavior	5	1	0	0	15	9
Random		1246	0	0	0	626	3
Follow-up		8	0	0	0	9	0
Other		9	0	0	0	76	1
<b>Total</b>		<b>1531</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5991</b>	<b>96</b>

# BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - BRAIDWOOD STATION

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test
Licensee Employees	0	0	0	0	0	1	0
Long -Term Contractors	0	0	0	0	0	0	0
Short -Term Contractors	6 3	5	0	0	0	3	0
TOTAL	6 3	5	0	0	0	4	0

Exelon implements a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for the more stringent level of 50 ng/ml, the data is reported above as follows.

All Positive Tests at or above  
Exelon's Threshold -----



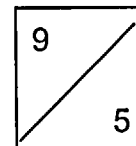
-----Positive Tests at  
100 ng/ml or greater

## BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - BYRON STATION

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test
Licensee Employees	0	0	0	0	0	0	0
Long -Term Contractors	0	0	0	0	0	0	0
Short -Term Contractors	9 5	2	1	0	0	1	0
TOTAL	9 5	2	1	0	0	1	0

Exelon implements a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for the more stringent level of 50 ng/ml, the data is reported above as follows.

All Positive Tests at or above  
Exelon's Threshold -----



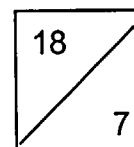
-----Positive Tests at  
100 ng/ml or greater

# BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES – CLINTON POWER STATION

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test
Licensee Employees	3 3	0	0	0	0	0	0
Long -Term Contractors	0	0	0	0	0	0	0
Short -Term Contractors	15 4	5	1	0	0	1	1
TOTAL	18 7	5	1	0	0	1	1

Exelon implements a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for the more stringent level of 50 ng/ml, the data is reported above as follows.

All Positive Tests at or above  
Exelon's Threshold -----



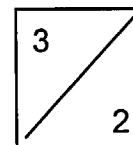
-----Positive Tests at  
100 ng/ml or greater

# BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - DRESDEN STATION

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

Exelon implements a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for the more stringent level of 50 ng/ml, the data is reported above as follows.

All Positive Tests at or above  
Exelon's Threshold -----



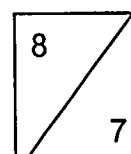
----- Positive Tests at  
100 ng/ml or greater

# BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES - LASALLE COUNTY STATION

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test
Licensee Employees	0	0	0	0	0	0	0
Long -Term Contractors	0 0	0	0	0	0	0	0
Short -Term Contractors	8 7	5	0	0	0	4	1
TOTAL	8 7	5	0	0	0	4	1

Exelon implements a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for the more stringent level of 50 ng/ml, the data is reported above as follows.

All Positive Tests at or above  
Exelon's Threshold -----



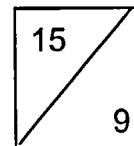
----- Positive Tests at  
100 ng/ml or greater

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

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test
Licensee Employees	0 0	0	0	0	0	0	0
Long -Term Contractors	0 0	0	0	0	0	0	0
Short -Term Contractors	15 9	8	1	1	0	3	1
TOTAL	15 9	8	1	1	0	3	1

Exelon implements a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for the more stringent level of 50 ng/ml, the data is reported above as follows.

All Positive Tests at or above  
Exelon's Threshold -----



-----Positive Tests at  
100 ng/ml or greater

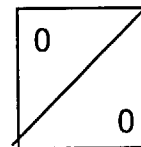


**BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES – NUCLEAR GENERATION GROUP WARRENVILLE**

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test
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

Exelon implements a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for the more stringent level of 50 ng/ml, the data is reported above as follows.

All Positive Tests at or above  
Exelon's Threshold -----



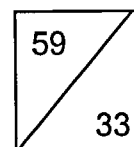
----- Positive Tests at  
100 ng/ml or greater

# BREAKDOWN OF CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES – MIDWEST ROG ALL LOCATIONS

	Marijuana	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal To Test
Licensee Employees	3 3	0	0	0	0	2	0
Long -Term Contractors	0 0	0	0	0	0	0	0
Short -Term Contractors	56 30	26	3	1	0	14	3
TOTAL	59 33	26	3	1	0	16	3

Exelon implements a 50 ng/ml positive threshold for THC. In order to report test results for the USNRC specified level (100 ng/ml) and for the more stringent level of 50 ng/ml, the data is reported above as follows.

All Positive Tests at or above  
Exelon's Threshold -----



-----Positive Tests at  
100 ng/ml or greater

## **BRAIDWOOD STATION**

### **Management Actions and Sanctions**

Fifteen (15) positive tests resulted in the denial or revocation of unescorted access. One (1) short-term contractor was determined to have attempted to substitute a pre-access specimen. The specimen registered an unexplained low temperature and the subsequent test for cause resulted in a positive test. The individual was denied unescorted access. (Adulterants and substitutions are not delineated on the performance data form.)

### **Events Reported**

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

## **BYRON STATION**

### **Management Actions and Sanctions**

Eleven (11) positive tests resulted in the denial or revocation of unescorted access. One (1) short-term contractor tested positive for adulterants on a pre-access test and was denied unescorted access. (Adulterants and substitutions are not delineated on the performance data form.)

### **Events Reported**

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

## **CLINTON POWER STATION**

### **Management Actions and Sanctions**

Twenty-three (23) positive tests resulted in the denial or revocation of unescorted access. One (1) short-term contractor refused to re-test after being informed that the specific gravity of a pre-access specimen was determined to be too low. The individual was denied unescorted access. One (1) short-term contractor tested positive for adulterants on a pre-access test and was denied unescorted access. (Adulterants and substitutions are not delineated on the performance data form.)

### **Note on Cutoffs**

On May 1, 2001, the initial cutoff for marijuana was changed to 50 ng/ml for all individuals except for licensee bargaining unit personnel whose initial cutoff remains at 100 ng/ml.

### **Events Reported**

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

## **DRESDEN NUCLEAR POWER STATION**

### **Management Actions and Sanctions**

Seven (7) positive tests resulted in the denial or revocation of unescorted access.

### **Events Reported**

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

## **LASALLE COUNTY STATION**

### **Management Actions and Sanctions**

Sixteen (16) positive tests resulted in the denial or revocation of unescorted access. One (1) short-term contractor refused to undergo a test for cause after a pre-access test specimen registered a temperature below the acceptable range. The individual was denied unescorted access. One (1) short-term contractor was determined to have attempted to substitute a pre-access test specimen when it registered an unexplained high temperature. The individual was denied unescorted access. (Adulterants and substitutions are not delineated on the performance data form.)

### **Events Reported**

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

## **QUAD CITIES NUCLEAR POWER STATION**

### **Management Actions and Sanctions**

Twenty-six (26) positive tests resulted in the denial or revocation of unescorted access. One (1) short-term contractor refused to undergo a pre-access test and was denied unescorted access. One (1) short-term contractor tested positive for adulterants on a pre-access test and was denied unescorted access. (Adulterants and substitutions are not delineated on the performance data form.)

### **Events Reported**

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



## **NUCLEAR GENERATION GROUP WARRENVILLE**

### **Management Actions and Sanctions**

No positive tests reported.

Five hundred sixty-two (562) negative quality control specimens tested on-site were submitted to the Substance Abuse and Mental Health Services Administration laboratory during this period. All five hundred sixty-two (562) specimens were confirmed negative by the laboratory.

Blind performance testing was conducted at a rate of ten (10) percent. Thirty-eight (38) specimens were submitted to the laboratory. All results were reported correctly.

Ninety-eight (98) positive test results were confirmed positive by the medical review officer.

### **Events Reported**

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

### **Additional Information**

During the current reporting period, i.e., January-June, 2002, twenty-eight (28) specimens were reported as presumptive positive for cocaine as a result of on-site screening. Twenty-six (26) of the twenty-eight (28) specimens were confirmed as positive by the laboratory and were verified as positive by the Medical Review Officer for a confirmation rate of 92.9%.

During the current reporting period, i.e., January-June, 2002, seventy-one (71) specimens were reported as presumptive positive for marijuana as a result of on-site screening. Fifty-nine (59) of the seventy-one (71) specimens were confirmed as positive by the laboratory and were verified as positive by the Medical Review Officer for a confirmation rate of 83.1%.