



Commonwealth Edison
 1400 Opus Place
 Downers Grove, Illinois 60515

February 26, 1991

U.S. Nuclear Regulatory Commission
 Attn: Document Control Desk
 Washington, DC 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 December 31, 1990. The enclosed reports use the NUMARC approved format prescribed in the Fitness For Duty Program Performance Data Form. The enclosed reports present the random testing rate; drugs tested for and cut-off levels, including results of tests using lower cut-off levels and tests for other drugs; workforce populations tested; numbers of tests and results by population and type of test; substances identified; summary of management actions; and a list of events reported.

Attachments A through F contain the performance data for Byron, Braidwood, Zion, Dresden, Quad Cities, and LaSalle Stations respectively. Attachment G contains the performance data for the Corporate support personnel.

Commonwealth Edison does not differentiate between "Long Term" and "Short Term" contractors and therefore, the reports contain the contractor data presented under the "Short Term Contractor" column.

Please direct any questions regarding this matter to this office.

Very truly yours,

Allen R. Checca

Allen R. Checca
 Nuclear Licensing Administrator

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 PDR ADOCK 05000237
 R PDR

Attachments

cc: Resident Inspectors BY/BW/Z/D/QC/LSC
 Region III Office
 /SCL:ID198:9

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FITNESS FOR DUTY PERFORMANCE DATA

BYRON STATION ATTACHMENT A

FITNESS FOR DUTY PROGRAM

Performance Data

Personnel Subject to CFR 26

Commonwealth Edison Company

Company

December 31, 1990

6 Months Ending

Byron Nuclear Power Station

Location

G. J. Toleski

Contact Name

(708) 515-7544

Phone (Include Area Code)

CUTOFFS: SCREEN/CONFIRMATION (ng/ml) | | APPENDIX A TO 10CFR 26

MARIJUANA	20 / 15	AMPHETAMINES	1000 / 500	BENZODIAZEPINES	300 / 150
COCAINE	300 / 150	PHENCYCLIDINE	25 / 25		
OPIATES	300 / 300	ALCOHOL (%BAC)	.04		

TESTING RESULTS	LICENSEE EMPLOYES				LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
	# TESTED	# POSITIVE	# REFERRED TO EAP	# ACCESS RESTORED	# TESTED	# POSITIVE	# TESTED	# POSITIVE
AVERAGE NUMBER WITH UNESCORTED ACCESS	829						801	
PRE-EMPLOYMENT	--	--	XXXX	XXXX			--	--
PRE-BADGING	13	0	XXXX	XXXX			914	23
PERIODIC	--	--	XXXX	XXXX			--	--
FOR CAUSE	1	1	XXXX	XXXX			1	1
POST ACCIDENT	0	0	XXXX	XXXX			0	0
RANDOM	403	1	XXXX	XXXX			363	1
FOLLOW-UP	7	0	XXXX	XXXX			11	0
OTHER	1	0	XXXX	XXXX			3	0
TOTAL	425	2	2	1			1292	25

BYRON NUCLEAR POWER STATION - CONTINUED

RANDOM TESTING PROGRAM RESULTS

INDIVIDUALS TESTED	1989		1990		1991		1992		1993	
# POSITIVE	N/A	N/A	6	2						
# TESTED			951	766						
% POSITIVE			.6	.3						
GRAPH OF % POSITIVE										

CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

MARIJUANA *			6	13						
			2	3						
COCAINE			3	6						
OPIATES			0	0						
AMPHETAMINES			0	0						
PHENCYCLIDINE			0	0						
ALCOHOL			0	8						
BENZODIAZEPINES			0	0						

* From January through October 31, Commonwealth Edison utilized 20 ng/ml as the positive threshold for THC. 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 levels (20 or 50 ng/ml), the data is reported above as follows:

Of the total of 13 confirmed tests reported above the 20 ng/ml threshold, 10 were positive at 20 to 49 ng/ml, 0 were positive at 50 to 99 ng/ml and 3 were positive at 100 ng/ml or greater.

All Positive Tests at 20 ng/ml and greater



Positive tests at 100 ng/ml and greater

BYRON NUCLEAR POWER STATION - CONTINUED

For the period July 1, 1990 through December 31, 1990, 403 random tests were conducted on licensee employees. This number combined with 478 similar tests conducted during the first reporting period totaled 881 and produced a random annual test rate of 106% of an average 829 station assigned licensee employees with unescorted access.

For the second reporting period 1990, 363 random tests were conducted on contractor employees. This number combined with 473 similar tests conducted during the first period totaled 836 and produced a random annual test rate of 104% of an average 801 station assigned contractors with unescorted access.

Management Actions

Each of the 27 positive tests resulted in either denial or revocation of the individual's unescorted access.

Additionally, one denial of unescorted access resulted when an individual refused to participate in pre-access testing.

Effective November 1, 1990, Commonwealth Edison modified the cutoff level for marijuana metabolites to 50 ng/ml and eliminated Benzodiazepines from the panel of drugs tested under the Fitness For Duty Program. NRC notification was accomplished in accordance with 10CFR26, Appendix A, Subpart A, 1.1.(2).

Events Reported

No 24 hour Fitness For Duty reports were filed for this time period.

FITNESS FOR DUTY PERFORMANCE DATA

BRAIDWOOD STATION ATTACHMENT B

FITNESS FOR DUTY PROGRAM

Performance Data

Personnel Subject to CFR 26

Commonwealth Edison Company

Company

December 31, 1990

6 Months Ending

Braidwood Nuclear Power Station

Location

G. J. Toleski

Contact Name

(708) 515-7544

Phone (Include Area Code)

CUTOFFS: SCREEN/CONFIRMATION (ng/ml) | | APPENDIX A TO 10CFR 26

MARIJUANA 20 / 15 AMPHETAMINES 1000 / 500 BENZODIAZEPINES 300 / 150

COCAINE 300 / 150 PHENCYCLIDINE 25 / 25

OPIATES 300 / 300 ALCOHOL (%BAC) .04

TESTING RESULTS	LICENSEE EMPLOYEES				LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
	# TESTED	# POSITIVE	# REFERRED TO EAP	# ACCESS RESTORED	# TESTED	# POSITIVE	# TESTED	# POSITIVE
AVERAGE NUMBER WITH UNESCORTED ACCESS	813						607	
PRE-EMPLOYMENT	--	--	XXXX	XXXX			--	--
PRE-BADGING	26	0	XXXX	XXXX			129	0
PERIODIC	--	--	XXXX	XXXX			--	--
FOR CAUSE	0	0	XXXX	XXXX			0	0
POST ACCIDENT	0	0	XXXX	XXXX			0	0
RANDOM	409	1	XXXX	XXXX			250	0
FOLLOW-UP	6	0	XXXX	XXXX			4	0
OTHER	1	0	XXXX	XXXX			19	0
TOTAL	442	1	1	1			402	0

BRAIDWOOD NUCLEAR POWER STATION - CONTINUED

RANDOM TESTING PROGRAM RESULTS

INDIVIDUALS TESTED	1989		1990		1991		1992		1993	
# POSITIVE	N/A	N/A	6	1						
# TESTED			834	659						
% POSITIVE			.7	.2						
GRAPH OF % POSITIVE										

CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

MARIJUANA *			26	0						
			12	0						
COCAINE			5	1						
OPIATES			0	0						
AMPHETAMINES			0	0						
PHENCYCLIDINE			0	0						
ALCOHOL			6	0						
BENZODIAZEPINES			0	0						

* From January through October 31, Commonwealth Edison utilized 20 ng/ml as the positive threshold for THC. 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 levels (20 or 50 ng/ml), the data is reported above as follows:

All Positive Tests at 20 ng/ml and greater



Positive tests at 100 ng/ml and greater

BRAIDWOOD NUCLEAR POWER STATION - CONTINUED

For the period July 1, 1990 through December 31, 1990, 409 random tests were conducted on licensee employees. This number combined with 429 similar tests conducted during the first reporting period totaled 838 and produced a random annual test rate of 103% of an average 813 station assigned licensee employees with unescorted access.

For the second reporting period 1990, 250 random tests were conducted on contractor employees. This number combined with 405 similar tests conducted during the first period totaled 655 and produced a random annual test rate of 108% of an average 607 station assigned contractors with unescorted access.

Management Actions

The single positive test resulted in denial of one licensee employee's unescorted access.

Effective November 1, 1990, Commonwealth Edison modified the cutoff level for marijuana metabolites to 50 ng/ml and eliminated Benzodiazepines from the panel of drugs tested under the Fitness For Duty Program. NRC notification was accomplished in accordance with 10CFR26, Appendix A, Subpart A, 1.1.(2).

Events Reported

No 24 hour Fitness For Duty reports were filed for this time period.

FITNESS FOR DUTY PERFORMANCE DATA

ZION STATION ATTACHMENT C

FITNESS FOR DUTY PROGRAM

Performance Data

Personnel Subject to CFR 26

Commonwealth Edison Company

Company

December 31, 1991

6 Months Ending

Zion Nuclear Power Station

Location

G. J. Toleski

Contact Name

(708) 515-7544

Phone (Include Area Code)

CUTOFFS: SCREEN/CONFIRMATION (ng/ml) | | APPENDIX A TO 10CFR 26

MARIJUANA	20 / 15	AMPHETAMINES	1000 / 500	BENZODIAZEPINES	300 / 150
COCAINE	300 / 150	PHENCYCLIDINE	25 / 25		
OPIATES	300 / 300	ALCOHOL (%BAC)	.04		

TESTING RESULTS	LICENSEE EMPLOYES				LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
	# TESTED	# POSITIVE	# REFERRED TO EAP	# ACCESS RESTORED	# TESTED	# POSITIVE	# TESTED	# POSITIVE
AVERAGE NUMBER WITH UNESCORTED ACCESS	853						840	
PRE-EMPLOYMENT	--	--	XXXX	XXXX			--	--
PRE-BADGING	51	0	XXXX	XXXX			372	5
PERIODIC	--	--	XXXX	XXXX			--	--
FOR CAUSE	0	0	XXXX	XXXX			2	1
POST ACCIDENT	0	0	XXXX	XXXX			0	0
RANDOM	423	3	XXXX	XXXX			389	0
FOLLOW-UP	32	1	XXXX	XXXX			4	0
OTHER	9	1	XXXX	XXXX			2	0
TOTAL	515	5	3	3			769	6

ZION NUCLEAR POWER STATION - CONTINUED

RANDOM TESTING PROGRAM RESULTS

INDIVIDUALS TESTED	1989		1990		1991		1992		1993	
# POSITIVE	N/A	N/A	13	3						
# TESTED			1106	812						
% POSITIVE			1.2	.4						
GRAPH OF % POSITIVE										

CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

MARIJUANA *			45	6						
			21	2						
COCAINE			17	2						
OPIATES			2	0						
AMPHETAMINES			0	0						
PHENCYCLIDINE			1	0						
ALCOHOL			1	3						
BENZODIAZEPINES			0	0						

* From January through October 31, Commonwealth Edison utilized 20 ng/ml as the positive threshold for THC. 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 levels (20 or 50 ng/ml), the data is reported above as follows:

Of the total of 6 confirmed tests reported above the 20 ng/ml threshold, 4 were positive at 20 to 49 ng/ml, 0 were positive at 50 to 99 ng/ml and 2 were positive at 100 ng/ml or greater.

All Positive Tests at 20 ng/ml and greater



Positive tests at 100 ng/ml and greater

ZION NUCLEAR POWER STATION - CONTINUED

For the period July 1, 1990 through December 31, 1990, 423 random tests were conducted on licensee employes. This number combined with 532 similar tests conducted during the first reporting period totaled 955 and produced a random annual test rate of 112% of an average 853 station assigned licensee employes with unescorted access.

For the second reporting period 1990, 389 random tests were conducted on contractor employes. This number combined with 574 similar tests conducted during the first period totaled 963 and produced a random annual test rate of 115% of an average 840 station assigned contractors with unescorted access.

Management Actions

Each of the 11 positive tests resulted in either denial or revocation of the individual's unescorted access.

Effective November 1, 1990, Commonwealth Edison modified the cutoff level for marijuana metabolites to 50 ng/ml and eliminated Benzodiazepines from the panel of drugs tested under the Fitness For Duty Program. NRC notification was accomplished in accordance with 10CFR26, Appendix A, Subpart A, 1.1.(2).

Events Reported

An unannounced follow-up test of a Licensee supervisor conducted on July 30, 1990, resulted in a confirmed positive test result. USNRC Headquarters was notified on August 3, 1990. An investigation did not disclose any work performance concerns. This was the second FFD violation for this individual and resulted in permanent revocation of unescorted access on August 3, 1990.

FITNESS FOR DUTY PERFORMANCE DATA

DRESDEN STATION ATTACHMENT D

FITNESS FOR DUTY PROGRAM

Performance Data

Personnel Subject to CFR 26

Commonwealth Edison Company

Company

December 31, 1990

6 Months Ending

Dresden Nuclear Power Station

Location

G. J. Toleski

Contact Name

(708) 515-7544

Phone (Include Area Code)

CUTOFFS: SCREEN/CONFIRMATION (ng/ml) | | APPENDIX A TO 10CFR 26

MARIJUANA	20 / 15	AMPHETAMINES	1000 / 500	BENZODIAZEPINES	300 / 150
COCAINE	300 / 150	PHENCYCLIDINE	25 / 25		
OPIATES	300 / 300	ALCOHOL (%BAC)	.04		

TESTING RESULTS	LICENSEE EMPLOYES				LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
	# TESTED	# POSITIVE	# REFERRED TO EAP	# ACCESS RESTORED	# TESTED	# POSITIVE	# TESTED	# POSITIVE
AVERAGE NUMBER WITH UNESCORTED ACCESS	1046						728	
PRE-EMPLOYMENT	--	--	XXXX	XXXX			--	--
PRE-BADGING	137	2	XXXX	XXXX			909	15
PERIODIC	--	--	XXXX	XXXX			--	--
FOR CAUSE	2	2	XXXX	XXXX			2	1
POST ACCIDENT	0	0	XXXX	XXXX			0	0
RANDOM	491	1	XXXX	XXXX			316	2
FOLLOW-UP	1	0	XXXX	XXXX			13	0
OTHER	9	0	XXXX	XXXX			62	0
TOTAL	640	5	4	2			1302	18

DRESDEN NUCLEAR POWER STATION - CONTINUED

RANDOM TESTING PROGRAM RESULTS

INDIVIDUALS TESTED # POSITIVE	1989		1990		1991		1992		1993		
	N/A	N/A	6	3							
# TESTED			1046	807							
% POSITIVE			.6	.4							
GRAPH OF % POSITIVE	5										
	4										
	3										
	2										
	1										

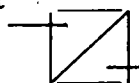
CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	1989		1990		1991		1992		1993	
MARIJUANA *			11	10						
			3	8						
COCAINE			3	10						
OPIATES			0	0						
AMPHETAMINES			0	0						
PHENCYCLIDINE			0	0						
ALCOHOL			2	4						
BENZODIAZEPINES			0	1						

* From January through October 31, Commonwealth Edison utilized 20 ng/ml as the positive threshold for THC. 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 levels (20 or 50 ng/ml), the data is reported above as follows:

For the second reporting period of 1990, of the total of 10 confirmed tests reported above the 20 ng/ml threshold 1 was positive at 20 to 49 ng/ml, 1 was positive at 50 to 99 ng/ml and 8 were positive at 100 ng/ml or greater.

All Positive Tests at 20 ng/ml and greater



Positive tests at 100 ng/ml and greater

DRESDEN NUCLEAR POWER STATION - CONTINUED

For the period July 1, 1990 through December 31, 1990, 491 random tests were conducted on licensee employees. This number combined with 597 similar tests conducted during the first reporting period totaled 1088 and produced a random annual test rate of 104% of an average 1046 station assigned licensee employees with unescorted access.

For the second reporting period 1990, 316 random tests were conducted on contractor employees. This number combined with 449 similar tests conducted during the first period totaled 765 and produced a random annual test rate of 105% of an average 728 station assigned contractors with unescorted access.

Management Actions

Each of the 23 positive tests resulted in either denial or revocation of the individual's unescorted access.

Additionally, one revocation of unescorted access resulted when an individual refused to participate in a follow-up test.

Effective November 1, 1990, Commonwealth Edison modified the cutoff level for marijuana metabolites to 50 ng/ml and eliminated Benzodiazepines from the panel of drugs tested under the Fitness For Duty Program. NRC notification was accomplished in accordance with 10CFR26, Appendix A, Subpart A, 1.1.(2).

Events Reported

No 24 hour Fitness For Duty Reports were filed for this time period.

FITNESS FOR DUTY PERFORMANCE DATA

QUAD CITIES STATION ATTACHMENT E

FITNESS FOR DUTY PROGRAM

Performance Data

Personnel Subject to CFR 26

Commonwealth Edison Company

Company

December 31, 1990

6 Months Ending

Quad Cities Nuclear Power Station

Location

G. J. Toleski

Contact Name

(708) 515-7544

Phone (Include Area Code)

CUTOFFS: SCREEN/CONFIRMATION (ng/ml) | | APPENDIX A TO 10CFR 26

MARIJUANA	20 / 15	AMPHETAMINES	1000 / 500	BENZODIAZEPINES	300 / 150
COCAINE	300 / 150	PHENCYCLIDINE	25 / 25		
OPIATES	300 / 300	ALCOHOL (%BAC)	.04		

TESTING RESULTS	LICENSEE EMPLOYES				LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
	# TESTED	# POSITIVE	# REFERRED TO EAP	# ACCESS RESTORED	# TESTED	# POSITIVE	# TESTED	# POSITIVE
AVERAGE NUMBER WITH UNESCORTED ACCESS	720						844	
PRE-EMPLOYMENT	--	--	XXXX	XXXX			--	--
PRE-BADGING	16	0	XXXX	XXXX			829	24
PERIODIC	--	--	XXXX	XXXX			--	--
FOR CAUSE	0	0	XXXX	XXXX			2	1
POST ACCIDENT	0	0	XXXX	XXXX			0	0
RANDOM	343	2	XXXX	XXXX			366	2
FOLLOW-UP	12	0	XXXX	XXXX			15	0
OTHER	17	0	XXXX	XXXX			8	0
TOTAL	388	2	2	2			1220	27

QUAD CITIES NUCLEAR POWER STATION - CONTINUED

RANDOM TESTING PROGRAM RESULTS

INDIVIDUALS TESTED	1989		1990		1991		1992		1993		
	# POSITIVE	N/A	N/A	7	4						
# TESTED			938	709							
% POSITIVE			.8	.6							
GRAPH OF % POSITIVE	5										
	4										
	3										
	2										
	1										

CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

MARIJUANA *			16	16						
			9	4						
COCAINE			5	10						
OPIATES			0	0						
AMPHETAMINES			0	0						
PHENCYCLIDINE			0	0						
ALCOHOL			3	4						
BENZODIAZEPINES			0	0						

* From January through October 31, Commonwealth Edison utilized 20 ng/ml as the positive threshold for THC. 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 levels (20 or 50 ng/ml), the data is reported above as follows:

Of the total of 16 confirmed tests reported above the 20 ng/ml threshold, 5 were reported at 20 to 49 ng/ml, 7 were reported at 50 to 99 ng/ml and 4 were positive at 100 ng/ml or greater.

All Positive Tests at 20 ng/ml and greater



Positive tests at 100 ng/ml and greater

QUAD CITIES NUCLEAR POWER STATION - CONTINUED

For the period July 1, 1990 through December 31, 1990, 343 random tests were conducted on licensee employees. This number combined with 440 similar tests conducted during the first reporting period totaled 783 and produced a random annual test rate of 109% of an average 720 station assigned licensee employees with unescorted access.

For the second reporting period 1990, 366 random tests were conducted on contractor employees. This number combined with 498 similar tests conducted during the first period totaled 864 and produced a random annual test rate of 102% of an average 844 station assigned contractors with unescorted access.

Management Actions

Each of the 29 positive tests resulted in either denial or revocation of the individual's unescorted access.

Effective November 1, 1990, Commonwealth Edison modified the cutoff level for marijuana metabolites to 50 ng/ml and eliminated Benzodiazepines from the panel of drugs tested under the Fitness For Duty Program. NRC notification was accomplished in accordance with 10CFR26, Appendix A, Subpart A, 1.1.(2).

Events Reported

On November 27, 1990, a random test produced a positive test result for a Licensee supervisor. Unescorted access was revoked on November 27, 1990. USNRC Headquarters was notified on November 27, 1990. An investigation did not disclose any work performance concerns. EAP rehabilitation requirements were completed and unescorted access reinstated with the provision of unannounced follow-up testing.

FITNESS FOR DUTY PERFORMANCE DATA

LASALLE COUNTY STATION ATTACHMENT F

FITNESS FOR DUTY PROGRAM

Performance Data

Personnel Subject to CFR 26

Commonwealth Edison Company

December 31, 1990

Company

6 Months Ending

LaSalle County Nuclear Power Station

Location

G. J. Toleski

(708) 515-7544

Contact Name

Phone (Include Area Code)

CUTOFFS: SCREEN/CONFIRMATION (ng/ml) | | APPENDIX A TO 10CFR 26

MARIJUANA	20 / 15	AMPHETAMINES	1000 / 500	BENZODIAZEPINES	300 / 150
COCAINE	300 / 150	PHENCYCLIDINE	25 / 25		
OPIATES	300 / 300	ALCOHOL (%BAC)	.04		

TESTING RESULTS	LICENSEE EMPLOYES				LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
	# TESTED	# POSITIVE	# REFERRED TO EAP	# ACCESS RESTORED	# TESTED	# POSITIVE	# TESTED	# POSITIVE
AVERAGE NUMBER WITH UNESCORTED ACCESS	914						731	
PRE-EMPLOYMENT	--	--	XXXX	XXXX			--	--
PRE-BADGING	25	0	XXXX	XXXX			295	5
PERIODIC	--	--	XXXX	XXXX			--	--
FOR CAUSE	0	0	XXXX	XXXX			2	1
POST ACCIDENT	0	0	XXXX	XXXX			0	0
RANDOM	439	1	XXXX	XXXX			286	0
FOLLOW-UP	0	0	XXXX	XXXX			0	0
OTHER	2	1	XXXX	XXXX			5	0
TOTAL	466	2	1	1			588	6

LASALLE COUNTY NUCLEAR POWER STATION - CONTINUED

RANDOM TESTING PROGRAM RESULTS

INDIVIDUALS TESTED	1989		1990		1991		1992		1993	
# POSITIVE	N/A	N/A	5	1						
# TESTED			958	725						
% POSITIVE			.5	.1						
GRAPH OF % POSITIVE	5									
	4									
	3									
	2									
	1									

CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

MARIJUANA *			17	4						
			7	0						
COCAINE			7	4						
OPIATES			0	0						
AMPHETAMINES			0	0						
PHENCYCLIDINE			0	0						
ALCOHOL			2	2						
BENZODIAZEPINES			1	0						

* From January through October 31, Commonwealth Edison utilized 20 ng/ml as the positive threshold for THC. 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 levels (20 or 50 ng/ml), the data is reported above as follows:

Of the total of 4 confirmed tests reported above the 20 ng/ml threshold, 3 were positive at 20 to 49 ng/ml, 1 was positive at 50 to 99 ng/ml and none were positive at 100 ng/ml or greater.

All Positive Tests at 20 ng/ml and greater



Positive tests at 100 ng/ml and greater

LASALLE COUNTY NUCLEAR POWER STATION - CONTINUED

For the period July 1, 1990 through December 31, 1990, 439 random tests were conducted on licensee employees. This number combined with 490 similar tests conducted during the first reporting period totaled 929 and produced a random annual test rate of 102% of an average 914 station assigned licensee employees with unescorted access.

For the second reporting period 1990, 286 random tests were conducted on contractor employees. This number combined with 468 similar tests conducted during the first period totaled 754 and produced a random annual test rate of 103% of an average 731 station assigned contractors with unescorted access.

Management Actions

Each of the 8 positive tests resulted in either denial or revocation of the individual's unescorted access.

Effective November 1, 1990, Commonwealth Edison modified the cutoff level for marijuana metabolites to 50 ng/ml and eliminated Benzodiazepines from the panel of drugs tested under the Fitness For Duty Program. NRC notification was accomplished in accordance with 10CFR26, Appendix A, Subpart A, 1.1.(2).

Events Reported

No 24 hour Fitness For Duty reports were filed for this time period.

CORPORATE SUPPORT PERSONNEL

ATTACHMENT G

FITNESS FOR DUTY PROGRAM

Performance Data

Personnel Subject to CFR 26

Commonwealth Edison Company

Company

December 31, 1990

6 Months Ending

Corporate Nuclear Operations

Location

G. J. Toleski

Contact Name

(708) 515-7544

Phone (Include Area Code)

CUTOFFS: SCREEN/CONFIRMATION (ng/ml) APPENDIX A TO 10CFR 26

MARIJUANA	20 / 15	AMPHETAMINES	1000 / 500	BENZODIAZEPINES	300 / 150
COCAINE	300 / 150	PHENCYCLIDINE	25 / 25		
OPIATES	300 / 300	ALCOHOL (%BAC)	.04		

TESTING RESULTS	LICENSEE EMPLOYEES				LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
	# TESTED	# POSITIVE	# REFERRED TO EAP	# ACCESS RESTORED	# TESTED	# POSITIVE	# TESTED	# POSITIVE
AVERAGE NUMBER WITH UNESCORTED ACCESS	490							
PRE-EMPLOYMENT	--	--	XXXX	XXXX			--	--
PRE-BADGING	34	0	XXXX	XXXX			75	1
PERIODIC	--	--	XXXX	XXXX			--	--
FOR CAUSE	0	0	XXXX	XXXX			--	--
POST ACCIDENT	0	0	XXXX	XXXX			0	0
RANDOM	238	0	XXXX	XXXX			--	--
FOLLOW-UP	0	0	XXXX	XXXX			1	1
OTHER	1	0	XXXX	XXXX			120	0
TOTAL	273	0	--	--			196	2

NUCLEAR OPERATIONS CORPORATE - CONTINUED

RANDOM TESTING PROGRAM RESULTS

INDIVIDUALS TESTED	1989		1990		1991		1992		1993		
# POSITIVE	N/A	N/A	1	0							
# TESTED			300	238							
% POSITIVE			.3	.0							
GRAPH OF % POSITIVE	5										
	4										
	3										
	2										
	1										

CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

MARIJUANA *			0	1						
COCAINE			0	0						
OPIATES			0	0						
AMPHETAMINES			0	0						
PHENCYCLIDINE			0	0						
ALCOHOL			1	1						
BENZODIAZEPINES			0	0						

* From January through October 31, Commonwealth Edison utilized 20 ng/ml as the positive threshold for THC. 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 levels (20 or 50 ng/ml), the data is reported above as follows:

Of the total of 1 confirmed tests reported above the 20 ng/ml threshold, 0 were positive at 20 to 49 ng/ml 1 was positive at 50 to 99 ng/ml and 0 were positive at 100 ng/ml or greater.

All Positive Tests at 20 ng/ml and greater



Positive tests at 100 ng/ml and greater

NUCLEAR OPERATIONS CORPORATE - CONTINUED

For the period July 1, 1990 through December 31, 1990, 238 random tests were conducted on licensee employees. This number combined with 300 similar tests conducted during the first reporting period totaled 538 and produced a random annual test rate of 110% of an average 490 non-station assigned licensee employees with unescorted access.

Management Actions

Each of the 2 positive tests resulted in either denial or revocation of the individual's unescorted access.

Additionally, one denial of unescorted access resulted when an individual refused to participate in testing.

Effective November 1, 1990, Commonwealth Edison modified the cutoff level for marijuana metabolites to 50 ng/ml and eliminated Benzodiazepines from the panel of drugs tested under the Fitness For Duty Program. NRC notification was accomplished in accordance with 10CFR26, Appendix A, Subpart A, 1.1.(2).

On November 5, 1990, a report documenting Benzodiazepine false negative error of a Blind Performance specimen submitted for test to the NIDA certified laboratory was documented to NRR.

A report is being filed with NRR, documenting two unconfirmed laboratory reports of Benzodiazepine Blind Performance Test Specimens occurring during the Fourth Quarter of 1990. These two false negatives were attributed to poor sample integrity and resultant poor extraction behavior in the testing laboratory's system. Commonwealth Edison eliminated testing for Benzodiazepines on October 31, 1990.

An investigation was completed documenting the failure of contractor technicians to adhere to guidelines on conducting accuracy and verification of Breath Alcohol Test Equipment calibration. The equipment manufacturer provided technical and scientific assistance in verifying equipment calibration, interpreting results, revising procedures and training technicians. Licensee initiated corrective actions include: Licensee conducted training of technicians on strict adherence to procedures, increased contractor supervisory oversight focusing on conduct of operations, including procedure adherence, timely review and sign-off of calibration records prior to submittal to licensee for retention and established limits on technicians actions when troubleshooting equipment problems. All individuals who tested positive on this equipment were confirmed positive utilizing a different model of breath analysis equipment, which was calibrated in accordance with manufacturer's instructions. A review of alcohol test computer records does not indicate any false negatives occurred as a result of this problem.

Events Reported

No 24 hour Fitness For Duty Reports were filed for this time period from this location.