



Commonwealth Edison
 1400 Opus Place
 Downers Grove, Illinois 60515

March 2, 1992

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, 1991. 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; 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 Braidwood, Byron, Dresden, LaSalle, Quad Cities, and Zion 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.

Respectfully,

Terrance W. Simpkin

T. W. Simpkin
 Nuclear Licensing Administrator

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Attachments

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

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FITNESS FOR DUTY PROGRAM

Performance Data

Personnel Subject to CFR 26

Commonwealth Edison Company

Company

December 31, 1991

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	50 / 15	AMPHETAMINES	1000 / 500
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	892						915	
PRE-EMPLOYMENT	--		XXXX	XXXX			--	
PRE-BADGING	26	1	XXXX	XXXX			970	17
PERIODIC	--		XXXX	XXXX			--	--
FOR CAUSE	2	0	XXXX	XXXX			11	5
POST ACCIDENT	--		XXXX	XXXX			--	--
RANDOM	460	1	XXXX	XXXX			475	2
FOLLOW-UP	1	0	XXXX	XXXX			38	0
OTHER	8	0	XXXX	XXXX			38	2
TOTAL	497	2	0	0			1532	26

BRAIDWOOD NUCLEAR POWER STATION - CONTINUED

RANDOM TESTING PROGRAM RESULTS

INDIVIDUALS TESTED	1989		1990		1991		1992		1993	
# POSITIVE	N/A	N/A	6	1	7	3				
# TESTED			834	659	891	935				
% POSITIVE			.7	.2	.8	.3				
GRAPH OF % POSITIVE										

CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

MARIJUANA *			26	0	14	11				
			12	0	10	6				
COCAINE			5	1	8	12				
OPIATES			0	0	0	0				
AMPHETAMINES			0	0	0	0				
PHENCYCLIDINE			0	0	0	0				
ALCOHOL			6	0	7	6				
BENZODIAZEPINES			0	0	N/A	N/A				

* 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 or above Commonwealth Edison's threshold.



Positive tests at 100 ng/ml and greater

BRAIDWOOD NUCLEAR POWER STATION - CONTINUED

For the period July 1, through December 31, 1991, 460 random tests were conducted on licensee employes. This number combined with 457 similar tests conducted during the first reporting period totaled 917 and produced a random annual test rate of 104% of an average 881 station assigned licensee employes with unescorted access.

For the second reporting period 1991, 475 random tests were conducted on contractor employes. This number combined with 434 similar tests conducted during the first period totaled 909 and produced a random annual test rate of 104% of an average 871 station assigned contractors with unescorted access.

Management Actions

Each of the 28 positive tests resulted in either denial or revocation of the individual's unescorted access.

Additionally, 3 denials of unescorted access resulted when individual's refused to participate in random testing.

A permanent Fitness For Duty Collection and Testing facility was completed and placed into service on July 22, 1991. This 720 square foot facility is located in the Processing Center and is utilized to meet Fitness For Duty testing needs for licensee and contractor personnel at the station.

Events Reported

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

FITNESS FOR DUTY PROGRAM

Performance Data

Personnel Subject to CFR 26

Commonwealth Edison Company

Company

December 31, 1991

6 Months Ending

Byron Nuclear Power Station

Location

G. J. Toleski

Contact Name

(708) 515-7544

Phone (Include Area Code)

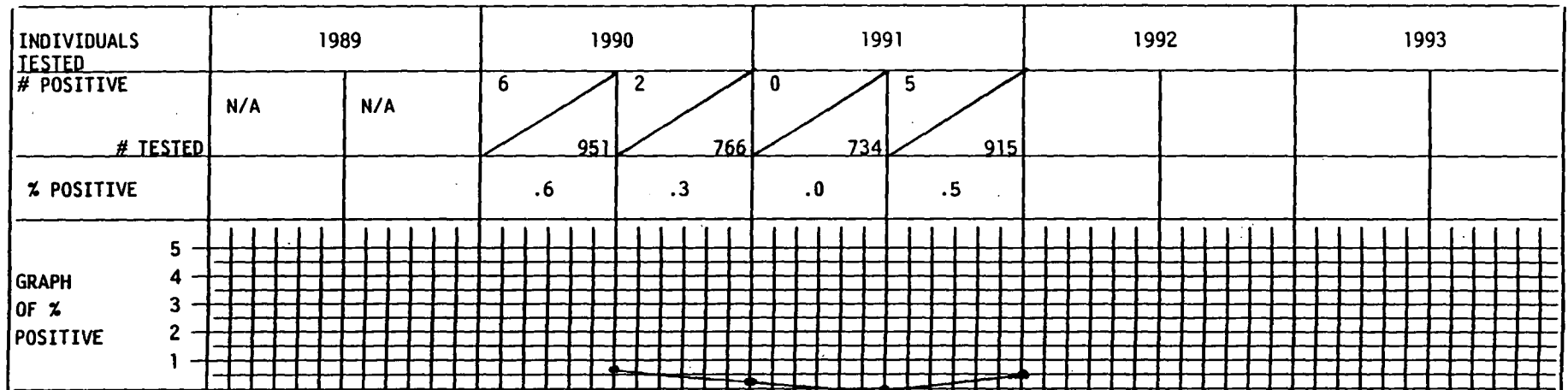
CUTOFFS: SCREEN/CONFIRMATION (ng/ml) APPENDIX A TO 10CFR 26

MARIJUANA	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	
	# TESTED	# POSITIVE	# REFERRED TO EAP	# ACCESS RESTORED	# TESTED	# POSITIVE	# TESTED	# POSITIVE
AVERAGE NUMBER WITH UNESCORTED ACCESS	922						838	
PRE-EMPLOYMENT	--	--	XXXX	XXXX			--	
PRE-BADGING	29	0	XXXX	XXXX			973	9
PERIODIC	--	--	XXXX	XXXX			--	--
FOR CAUSE	1	1	XXXX	XXXX			3	1
POST ACCIDENT	--		XXXX	XXXX			--	
RANDOM	487	2	XXXX	XXXX			428	3
FOLLOW-UP	8	0	XXXX	XXXX			24	0
OTHER	10	0	XXXX	XXXX			75	0
TOTAL	535	3	3	3			1503	13

BYRON NUCLEAR POWER STATION - CONTINUED

RANDOM TESTING PROGRAM RESULTS



CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

MARIJUANA *			6	13	2	2				
COCAINE			3	6	1	7				
OPIATES			0	0	0	0				
AMPHETAMINES			0	0	0	1				
PHENCYCLIDINE			0	0	0	0				
ALCOHOL			0	8	1	6				
BENZODIAZEPINES			0	0	N/A	N/A				

* 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 or above
Commonwealth Edison's threshold.



Positive tests at
100 ng/ml and greater

BYRON NUCLEAR POWER STATION - CONTINUED

For the period July 1, through December 31, 1991, 487 random tests were conducted on licensee employes. This number combined with 461 similar tests conducted during the first reporting period totaled 948 and produced a random annual test rate of 104% of an average 912 station assigned licensee employes with unescorted access.

For the second reporting period 1991, 428 random tests were conducted on contractor employes. This number combined with 273 similar tests conducted during the first period totaled 701 and produced a random annual test rate of 104% of an average 677 station assigned contractors with unescorted access.

Management Actions

Each of the 16 positive tests resulted in either denial or revocation of the individual's unescorted access.

Events Reported

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

FITNESS FOR DUTY PROGRAM

Performance Data

Personnel Subject to CFR 26.

Commonwealth Edison Company

Company

December 31, 1991

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	50 / 15	AMPHETAMINES	1000 / 500
COCAINE	300 / 150	PHENCYCLIDINE	25 / 25
OPIATES	300 / 300	ALCOHOL (%BAC)	.04

TESTING RESULTS	LICENSEE EMPLOYES				LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
	966						1178	
AVERAGE NUMBER WITH UNESCORTED ACCESS								
CATEGORIES	# TESTED	# POSITIVE	# REFERRED TO EAP	# ACCESS RESTORED	# TESTED	# POSITIVE	# TESTED	# POSITIVE
PRE-EMPLOYMENT	--	--	XXXX	XXXX			--	--
PRE-BADGING	60	1	XXXX	XXXX			1138	22
PERIODIC	--	--	XXXX	XXXX			--	--
FOR CAUSE	1	0	XXXX	XXXX			1	1
POST ACCIDENT	--	--	XXXX	XXXX			--	--
RANDOM	470	3	XXXX	XXXX			585	5
FOLLOW-UP	15	0	XXXX	XXXX			37	1
OTHER	12	0	XXXX	XXXX			61	1
TOTAL	558	4	4	4			1822	30

DRESDEN NUCLEAR POWER STATION - CONTINUED

RANDOM TESTING PROGRAM RESULTS

INDIVIDUALS TESTED	1989		1990		1991		1992		1993	
# POSITIVE	N/A	N/A	6	3	4	8				
# TESTED			1046	807	977	1055				
% POSITIVE			.6	.4	.4	.8				
GRAPH OF % POSITIVE										

CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

MARIJUANA *			11	10	11	15				
COCAINE			3	10	5	13				
OPIATES			0	0	1	2				
AMPHETAMINES			0	0	0	0				
PHENCYCLIDINE			0	0	0	2				
ALCOHOL			2	4	2	2				
BENZODIAZEPINES			0	1	N/A	N/A				

* 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 or above Commonwealth Edison's threshold



Positive tests at 100 ng/ml and greater

DRESDEN NUCLEAR POWER STATION - CONTINUED

For the period July 1, through December 31, 1991, 470 random tests were conducted on licensee employes. This number combined with 570 similar tests conducted during the first reporting period totaled 1040 and produced a random annual test rate of 103% of an average 1005 station assigned licensee employes with unescorted access.

For the second reporting period 1991, 585 random tests were conducted on contractor employes. This number combined with 407 similar tests conducted during the first period totaled 992 and produced a random annual test rate of 104% of an average 958 station assigned contractors with unescorted access.

Management Actions

Each of the 34 positive tests resulted in either denial or revocation of the individual's unescorted access.

Additionally, 2 denials of unescorted access resulted when individuals refused to participate in pre-access or random testing.

Events Reported

Two 24 hour Fitness For Duty reports were filed for this time period.

A random test conducted on September 23, 1991 yielded a confirmed positive test for a contractor's supervisor. Unescorted access was denied on September 30, 1991 and this event was reported to USNRC Headquarters on September 30. A work investigation conducted by station management concluded the individual's work history did not reveal any areas of performance detrimental to the safe operation of the plant.

This individual is presently eligible for reinstatement.

A random test conducted on November 19, 1991 yielded a confirmed positive test for a contractor's supervisor. Unescorted access was denied on November 26, 1991 and this event was reported to USNRC Headquarters on November 26. A work investigation conducted by station management concluded the individual's work history did not reveal any areas of performance detrimental to the safe operation of the plant.

This individual is presently eligible for reinstatement.

FITNESS FOR DUTY PROGRAM

Performance Data

Personnel Subject to CFR 26

Commonwealth Edison Company

Company

December 31, 1991

6 Months Ending

LaSalle County 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	50 / 15	AMPHETAMINES	1000 / 500
COCAINE	300 / 150	PHENCYCLIDINE	25 / 25
OPIATES	300 / 300	ALCOHOL (%BAC)	.04

TESTING RESULTS	LICENSEE EMPLOYES				LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
	988						906	
AVERAGE NUMBER WITH UNESCORTED ACCESS								
CATEGORIES	# TESTED	# POSITIVE	# REFERRED TO EAP	# ACCESS RESTORED	# TESTED	# POSITIVE	# TESTED	# POSITIVE
PRE-EMPLOYMENT	--	--	XXXX	XXXX			--	--
PRE-BADGING	32	1	XXXX	XXXX			1026	13
PERIODIC	--	--	XXXX	XXXX			--	--
FOR CAUSE	0	0	XXXX	XXXX			0	0
POST ACCIDENT	--	--	XXXX	XXXX			--	--
RANDOM	492	0	XXXX	XXXX			465	4
FOLLOW-UP	23	0	XXXX	XXXX			40	0
OTHER	3	0	XXXX	XXXX			56	2
TOTAL	550	1	1	0			1587	19

LASALLE COUNTY NUCLEAR POWER STATION - CONTINUED

RANDOM TESTING PROGRAM RESULTS

INDIVIDUALS TESTED	1989		1990		1991		1992		1993	
# POSITIVE	N/A	N/A	5	1	9	4				
# TESTED			958	725	1102	957				
% POSITIVE			.5	.1	.8	.4				
GRAPH OF % POSITIVE										

CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

MARIJUANA *			17	4	10	12				
			7	0	6	9				
COCAINE			7	4	8	6				
OPIATES			0	0	0	0				
AMPHETAMINES			0	0	0	0				
PHENCYCLIDINE			0	0	0	1				
ALCOHOL			2	2	2	2				
BENZODIAZEPINES			1	0	N/A	N/A				

* 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 or above Commonwealth Edison's threshold.



Positive tests at 100 ng/ml and greater

LASALLE COUNTY NUCLEAR POWER STATION - CONTINUED

For the period July 1, through December 31, 1991, 492 random tests were conducted on licensee employes. This number combined with 531 similar tests conducted during the first reporting period totaled 1023 and produced a random annual test rate of 108% of an average 949 station assigned licensee employes with unescorted access.

For the second reporting period 1991, 465 random tests were conducted on contractor employes. This number combined with 571 similar tests conducted during the first period totaled 1036 and produced a random annual test rate of 108% of an average 963 station assigned contractors with unescorted access.

Management Actions

Each of the 20 positive tests resulted in either denial or revocation of the individual's unescorted access.

In December of 1991, LaSalle Station implemented FFD testing from a second on-site facility dedicated to pre-access processing of contractor personnel.

Events Reported

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

FITNESS FOR DUTY PROGRAM

Performance Data

Personnel Subject to CFR 26

Commonwealth Edison Company

Company

December 31, 1991

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	50 / 15	AMPHETAMINES	1000 / 500
COCAINE	300 / 150	PHENCYCLIDINE	25 / 25
OPIATES	300 / 300	ALCOHOL (%BAC)	.04

TESTING RESULTS	LICENSEE EMPLOYES				LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
	830						987	
AVERAGE NUMBER WITH UNESCORTED ACCESS								
CATEGORIES	# TESTED	# POSITIVE	# REFERRED TO EAP	# ACCESS RESTORED	# TESTED	# POSITIVE	# TESTED	# POSITIVE
PRE-EMPLOYMENT	--	--	XXXX	XXXX			--	--
PRE-BADGING	17	0	XXXX	XXXX			963	10
PERIODIC	--	--	XXXX	XXXX			--	--
FOR CAUSE	0	0	XXXX	XXXX			1	1
POST ACCIDENT	--	--	XXXX	XXXX			--	--
RANDOM	411	0	XXXX	XXXX			531	1
FOLLOW-UP	20	0	XXXX	XXXX			17	0
OTHER	2	0	XXXX	XXXX			38	0
TOTAL	450	0	--	--			1550	12

QUAD CITIES NUCLEAR POWER STATION - CONTINUED

RANDOM TESTING PROGRAM RESULTS

INDIVIDUALS TESTED # POSITIVE	1989		1990		1991		1992		1993	
	N/A	N/A	7	4	5	1				
# TESTED			938	709	965	942				
% POSITIVE			.8	.6	.5	.1				
GRAPH OF % POSITIVE										

CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

MARIJUANA *			16	16	6	5				
COCAINE			9	4	0	4				
OPIATES			5	10	2	3				
AMPHETAMINES			0	0	0	0				
PHENCYCLIDINE			0	0	0	0				
ALCOHOL			0	0	1	3				
BENZODIAZEPINES			3	4	1	3				
			0	0	N/A	N/A				

* 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 or above Commonwealth Edison's threshold



Positive tests at 100 ng/ml and greater

QUAD CITIES NUCLEAR POWER STATION - CONTINUED

For the period July 1, through December 31, 1991, 411 random tests were conducted on licensee employees. This number combined with 436 similar tests conducted during the first reporting period totaled 847 and produced a random annual test rate of 104% of an average 816 station assigned licensee employees with unescorted access.

For the second reporting period 1991, 531 random tests were conducted on contractor employees. This number combined with 529 similar tests conducted during the first period totaled 1060 and produced a random annual test rate of 109% of an average 974 station assigned contractors with unescorted access.

Management Actions

Each of the 12 positive tests resulted in either denial or revocation of the individual's unescorted access.

Events Reported

One 24 hour Fitness For Duty report was filed for this time period.

A For-Cause test conducted on September 30, 1991 yielded a confirmed positive test for a contractor's supervisor. Unescorted access was denied on September 30, 1991 and this event was reported to USNRC Headquarters on September 30. A work investigation conducted by station management concluded the individual's work history did not reveal any areas of performance detrimental to the safe operation of the plant.

This individual is presently not eligible for reinstatement.

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	50 / 15	AMPHETAMINES	1000 / 500
COCAINE	300 / 150	PHENCYCLIDINE	25 / 25
OPIATES	300 / 300	ALCOHOL (%BAC)	.04

TESTING RESULTS	LICENSEE EMPLOYES				LONG-TERM CONTRACTOR PERSONNEL		SHORT-TERM CONTRACTOR PERSONNEL	
	949						970	
AVERAGE NUMBER WITH UNESCORTED ACCESS								
CATEGORIES	# TESTED	# POSITIVE	# REFERRED TO EAP	# ACCESS RESTORED	# TESTED	# POSITIVE	# TESTED	# POSITIVE
PRE-EMPLOYMENT	--	--	XXXX	XXXX			--	--
PRE-BADGING	27	0	XXXX	XXXX			376	4
PERIODIC	--	--	XXXX	XXXX			--	--
FOR CAUSE	0	0	XXXX	XXXX			0	0
POST ACCIDENT	--	--	XXXX	XXXX			--	--
RANDOM	543	1	XXXX	XXXX			551	7
FOLLOW-UP	23	1	XXXX	XXXX			7	0
OTHER	17	0	XXXX	XXXX			29	0
TOTAL	610	2	2	2			963	11

ZION NUCLEAR POWER STATION - CONTINUED

For the period July 1, through December 31, 1991, 543 random tests were conducted on licensee employes. This number combined with 494 similar tests conducted during the first reporting period totaled 1037 and produced a random annual test rate of 112% of an average 927 station assigned licensee employes with unescorted access.

For the second reporting period 1991, 551 random tests were conducted on contractor employes. This number combined with 484 similar tests conducted during the first period totaled 1035 and produced a random annual test rate of 111% of an average 930 station assigned contractors with unescorted access.

Management Actions

Each of the 13 positive tests resulted in either denial or revocation of the individual's unescorted access.

Events Reported

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

ZION NUCLEAR POWER STATION - CONTINUED

RANDOM TESTING PROGRAM RESULTS

INDIVIDUALS TESTED	1989		1990		1991		1992		1993	
# POSITIVE	N/A	N/A	13	3	6	8				
# TESTED			1106	812	978	1094				
% POSITIVE			1.2	.4	.6	.7				
GRAPH OF % POSITIVE										

CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

MARIJUANA *			45	6	8	2				
			21	2	5	1				
COCAINE			17	2	5	4				
OPIATES			2	0	1	0				
AMPHETAMINES			0	0	0	0				
PHENCYCLIDINE			1	0	0	0				
ALCOHOL			1	3	3	6				
BENZODIAZEPINES			0	0	N/A	N/A				

* 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 or above Commonwealth Edison's threshold



Positive tests at 100 ng/ml and greater

FITNESS FOR DUTY PROGRAM

Performance Data

Personnel Subject to CFR 26

Commonwealth Edison Company

Company

December 31, 1991

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	50 / 15	AMPHETAMINES	1000 / 500
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	677							
PRE-EMPLOYMENT	--	--	XXXX	XXXX			--	--
PRE-BADGING	95	0	XXXX	XXXX			7	0
PERIODIC	--		XXXX	XXXX			--	--
FOR CAUSE	1	0	XXXX	XXXX			0	0
POST ACCIDENT	--		XXXX	XXXX			--	--
RANDOM	352	0	XXXX	XXXX			0	0
FOLLOW-UP	3	0	XXXX	XXXX			0	0
OTHER	2	0	XXXX	XXXX			8	0
TOTAL	453	0	0	0			15	0

NUCLEAR OPERATING CORPORATE - CONTINUED

Random Testing Program Results

INDIVIDUALS TESTED	1989		1990		1991		1992		1993	
# POSITIVE	N/A	N/A	1	0	1	0				
# TESTED			300	238	305	352				
% POSITIVE			.3	.0	.3	.0				
GRAPH OF % POSITIVE	5	[Grid]								
	4	[Grid]								
	3	[Grid]								
	2	[Grid]								
	1	[Grid]								

CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

MARIJUANA *			0	1	0	0				
COCAINE			0	0	1	0				
OPIATES			0	0	0	0				
AMPHETAMINES			0	0	0	0				
PHENCYCLIDINE			0	0	0	0				
ALCOHOL			1	1	0	0				
BENZODIAZEPINES			0	0	N/A	N/A				

* 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 or above Commonwealth Edison's threshold.



Positive tests at 100 ng/ml and greater

For the period July 1, through December 31, 1991, 352 random tests were conducted on licensee employees. This number combined with 305 similar tests conducted during the first reporting period totaled 657 and produced a random annual test rate of 105% of an average 627 corporate assigned licensee employees with unescorted access.

Management Actions

No positive tests resulted in either denial or revocation of the individual's unescorted access.

The remaining two "Administrative Services Specialist" management positions were filled during the second reporting period. This position was created to provide a dedicated utility point of contact at each of the six nuclear stations for contractor Fitness For Duty and Access Authorization issues.

Events Reported

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

Report of Administrative Error in Laboratory Test Result

Standard practice of the Commonwealth Edison MRO is to review all on-site presumptive positive reports which do not confirm against the information contained in the laboratory reports. Specimen #328569, which screened on October 8, 1991 as presumptive positive for cocaine, was not confirmed for the presence of Benzoylecgonine by the laboratory. The MRO reported this to the laboratory Scientific Director and requested an investigation.

During an administrative process associated with GC/MS testing, a laboratory screening technologist reversed Specimen #328559 which screened as negative and #328569 which screened positive for cocaine. The reviewer/certifying scientist failed to detect the error which resulted in #328569 being reported as negative to Commonwealth Edison.

Additionally, the negative GC/MS result led laboratory personnel to initiate a review of the initial screening data to explain the discrepancy between the screening and GC/MS results for Specimen #328559. This review was in progress when the MRO initiated the request for the laboratory to begin an investigation.

The laboratory review of all results is structured in levels to minimize clerical errors in the screening process. This error should have been detected by the next level of review and in this instance, the system failed.

The corrective actions taken by the laboratory are:

1. Technologist and reviewer were counselled and instructed in proper laboratory reporting procedures.
2. Technologists were instructed to annotate requisition/chain of custody forms from the instrument printout rather than the worksheet to avoid multiplication of transcriptional errors.

The current system employed at the laboratory relies on manual entry of presumptive positive screening results into the laboratory database. Computer interfaces that download screening results into the computer directly from the Hitachi 717 have been purchased by the laboratory. This improvement will obviate manual entry and would have detected the clerical error automatically at the point of review. This computerized interface is scheduled for implementation by mid-year in 1992.

The Fitness For Duty test was conducted under the "Pre-Access" category and the administrative error did not result in the donor being granted unescorted access to a Commonwealth Edison nuclear facility.