

**BOSTON EDISON**

Pilgrim Nuclear Power Station
 Rocky Hill Road
 Plymouth, Massachusetts 02360

January 27, 1992
 BECo Ltr. 92-006

Roy A. Anderson
 Senior Vice President - Nuclear

U.S. Nuclear Regulatory Commission
 Document Control Desk
 Washington, DC 20555


License DPR-35
Docket 50-293

Subject: Submittal of Fitness-For-Duty Program Performance Data for Pilgrim
 Nuclear Power Station

Dear Sir:

The enclosed Fitness-For-Duty Program performance data sheets are submitted in accordance with 10 CFR 26.71(d). This submittal contains data for the period July 1, 1991 through December 31, 1991.

Please contact me if you have questions or comments regarding the attached submittal.


 R. A. Anderson

RLC/bal

Attachment: Fitness-For-Duty Program Performance Data

cc: Mr. Thomas T. Martin
 Regional Administrator, Region I
 U.S. Nuclear Regulatory Commission
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Mr. Loren Bush
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U.S. Nuclear Regulatory Commission
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Senior NRC Resident Inspector
Pilgrim Nuclear Power Station

FITNESS FOR DUTY PROGRAM

Performance Data Personnel Subject to 10CFR 26

Boston Edison Company

12/31/91

COMPANY

Pilgrím Nuclear Power Station, Plymouth, MA

6 MONTHS ENDING

LOCATION

Jacqueline E. Hess, MD

(617) 424-3478

CONTACT NAME

PHONE (INCLUDE AREA CODE)

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

MARIJUANA	/	AMPHETAMINES	/	_____	/
COCAINE	/	PHENCYCLIDINE	/	_____	/
OPIATES	/	ALCOHOL (% BAC)	/	_____	/

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	997						468	
PRE-EMPLOYMENT	N/A	N/A					N/A	N/A
PRE-BADGING	20	0					155	3
PERIODIC	N/A	N/A					N/A	N/A
FOR CAUSE	0	0					0	0
POST ACCIDENT	N/A	N/A					N/A	N/A
RANDOM	543	1					237	3
FOLLOW-UP	4	0					5	0
OTHER	N/A	N/A					N/A	N/A
TOTAL	567	1	1	0			397	6

RANDOM TESTING PROGRAM RESULTS

INDIVIDUALS TESTED	1989	1990	1991	1992	1993
# POSITIVE	0	3	4	4	4
# TESTED	637	733	769	780	
% POSITIVE	0%	0.41%	0.52%	0.51%	
GRAPH OF % POSITIVE					
5					
4					
3					
2					
1					

CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

MARIJUANA	5	2	13	2	
COCAINE	3	4	7	2	
OPIATES	0	0	0	0	
AMPHETAMINES	0	0	0	0	
PHENCYCLIDINE	0	0	0	0	
ALCOHOL	0	2	6	4	



BOSTON EDISON

800 Boylston Street
Boston, Massachusetts 02199

Jacqueline E. Hess, MD
Corporate Medical Director
(617) 424-3478

Performance Data
Summary of Management Actions
For 6 Months Ending December 31, 1991

During the last six months of 1991, we have had three positive pre-badging tests; all of these were on contract personnel. All of these applications for unescorted access were denied for fitness for duty reasons.

Four positive random tests also occurred; three were on contractor personnel and one was on a Boston Edison Company employee. All had their unescorted access authorization terminated; one has been reinstated to date. One contractor whose access was terminated due to a positive random test in the first six months of 1991, was reinstated in the second half of the year. All follow-up testing has been negative. The one random positive test on a Boston Edison employee was a positive alcohol on a licensed nuclear plant operator. This case was reported to the Nuclear Regulatory Commission by telephone as required in 10CFR26.73.

Over the six months ending December 31, 1991, 3 specimens were found on integrity check to have creatinines less than 200mgms per liter. All of the individuals were called for repeat specimen collection in an unannounced fashion. Thirty six of the repeats were negative for drugs and had normal integrity checks. Two specimens again had low creatinines, although negative for drugs. These individuals were again called in an unannounced fashion, and another observed sample was obtained; all of these were negative for drugs. One individual on recall for a low creatinine was found to be positive for cocaine. This individual had required testing for pre-access purposes, and was, therefore, denied access for fitness for duty reasons.

The positive test rate during random testing remains very low. There were four positive random tests out of a total of 780 random tests (or 0.51%) for the second half of 1991.

The Fitness For Duty Program has encountered no significant problems over this six month time period.