



**BOSTON EDISON**

Pilgrim Nuclear Power Station  
Rocky Hill Road  
Plymouth, Massachusetts 02360

George W. Davis  
Senior Vice President - Nuclear

July 17, 1991  
BECo Ltr. 91- 92

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

Docket No. 50-293  
License No. DPR-35

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 January 1, 1991 through June 30, 1991.

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

  
G. W. Davis

RLC/bal

Attachment: Fitness-For-Duty Program Performance Data

cc: Mr. Thomas T. Martin  
Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Rd.  
King of Prussia, PA 19406

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Mr. Loren Bush  
Chief, Program Development and Review Section  
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U.S. Nuclear Regulatory Commission  
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Sr. NRC Resident Inspector - Pilgrim Station

FITNESS FOR DUTY PROGRAM

# Performance Data Personnel Subject to 10CFR 26

Boston Edison Company

6/30/91

COMPANY

Pilgrim 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	982				N/A		626	
PRE-EMPLOYMENT	N/A	N/A					N/A	N/A
PRE-BADGING	44	1					1,123	21
PERIODIC	N/A	N/A					N/A	N/A
FOR CAUSE	1	1					0	0
POST ACCIDENT	N/A	N/A					N/A	N/A
RANDOM	452	0					317	4
FOLLOW-UP	6	0					0	0
OTHER	N/A	N/A					N/A	N/A
TOTAL	503	2	2	0			1,440	25

### RANDOM TESTING PROGRAM RESULTS

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

### CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

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

**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 June 30, 1991

During the first six months of 1991, we have had twenty two positive pre-badging tests. Twenty one of these were on contract personnel and one was on a Boston Edison employee. All of these applications for unescorted access were denied for fitness for duty reasons.

Four positive random tests also occurred; these were all on contractor personnel. All had their unescorted access authorization terminated, and none have been reinstated.

One "for cause" test was administered on January 23, 1991 secondary to a managerial referral. This was on a Boston Edison Company supervisory employee (Job Title: Division Manager) who tested positive for alcohol. The individual, who had a previous positive test for alcohol under the fitness for duty program, was again referred to the Employee Assistance Program for rehabilitation, but was also terminated from the company. This case was reported to the Nuclear Regulatory Commission by telephone as required in 10CFR26.73.

Over the six months ending June 30, 1991, 50 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. Forty four of the repeats were negative for drugs and had normal integrity checks. Five 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 despite the great increase in the number of contractors brought on site due to a major refuel outage during this time period. There were four positive random tests out of a total of 769 random tests (or 0.52%) for the first half of 1991.

No significant problems have been encountered over this six month time period.