

**BOSTON EDISON**

Pilgrim Nuclear Power Station  
Rocky Hill Road  
Plymouth, Massachusetts 02360

**Ralph G. Bird**

Senior Vice President — Nuclear

August 23, 1990  
BECO Ltr 90-102

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, 1990 through June 30, 1990.

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

*R. G. Bird*  
R. G. Bird

JLK/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

Mr. Loren Bush  
Chief, Program Development & Review Section  
Div. of Reactor Insp. & Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555  
Mail Stop: 9D24

Sr. NRC Resident Inspector - Pilgrim Station

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**FITNESS FOR DUTY PROGRAM**

# Performance Data Personnel Subject to 10CFR 26

Boston Edison Company  
COMPANY

June 30, 1990  
6 MONTHS ENDING

Pilgrim Nuclear Power Station, Plymouth, MA  
LOCATION

Jacqueline E. Heslop  
CONTACT NAME

(617) 424-3478  
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	
AVERAGE NUMBER WITH UNESCORTED ACCESS	988				N/A		382	
CATEGORIES	# TESTED	# POSITIVE	# REFERRED TO EAP	# ACCESS RESTORED	# TESTED	# POSITIVE	# TESTED	# POSITIVE
PRE-EMPLOYMENT	N/A						N/A	
PRE-BADGING	74	3					230	8
PERIODIC	N/A						N/A	
FOR CAUSE	0						0	
POST ACCIDENT	N/A						N/A	
RANDOM	459	0					178	0
FOLLOW-UP	0						0	
OTHER	N/A						N/A	
TOTAL	533	3	2	0			408	8

## RANDOM TESTING PROGRAM RESULTS

INDIVIDUALS TESTED	1989	1990	1991	1992	1993
# POSITIVE					
% POSITIVE					
GRAPH OF % POSITIVE					

## CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

[illegible]





**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, 1990**

All eleven positive tests had been conducted for prebadging purposes. Three of these were "administrative positives" because the individuals refused to provide a specimen for testing. All of these applications for unescorted access were denied for Fitness For Duty reasons.

Three of the prebadging positives were on non-Nuclear Boston Edison employees. Two were referred to the Employee Assistance Program for evaluation. The third employee was an administrative positive for withdrawing his application for unescorted access after he had been apprised of the need for drug urinalysis and alcohol testing. He was interviewed by the Medical Review Officer and not referred to the EAP for evaluation as the withdrawal of his application for unescorted access was for reasons other than drug and alcohol screening.

No significant problems have been encountered.

Over the six month period ending June, 30, 1990, 25 specimens (2.66% of the total 941 specimens) were found on integrity checks to have creatinines less than 200 mg/L. The actual creatinine range, was 90 mg/L to 190 mg/L with 15 samples having creatinines greater than 150 mg/L. All of the individuals were recalled for repeat specimen collection in an unannounced fashion. Twenty three of the repeats had normal integrity checks and were negative for drugs. One individual again had a low creatinine and a second observed repeat was normal. The last individual was positive on repeat for marijuana, this person had used the drug between the first and second tests which were administered for prebadging purposes. This positive result is included in the attached Performance Data.

No events have taken place which would require telephone notification under 10 C.F.R. 26.73.

The fact that there have been no positives for alcohol or drugs on random testing speaks for the effectiveness of our testing program. Random testing is conducted almost daily on weekdays, intermittently on weekends, and holidays and covers all three shifts.