

U. S. NUCLEAR REGULATORY COMMISSION  
REGION I

License/Docket/Report Nos. DPR-35/50-293/94-04

Licensee: Boston Edison Company  
P.O. Box 215  
Boston, Massachusetts 02199

Facility Name: Pilgrim Nuclear Power Station

Inspection At: Plymouth, Massachusetts

Inspection Conducted: February 10, 1994

Inspector: Edward B. King 03-01-94  
E. B. King, Physical Security Inspector date

Approved by: E. C. McCabe, Jr. 3/1/94  
E. C. McCabe, Chief, Safeguards Section date  
Division of Radiation Safety and Safeguards

SCOPE

Protected Area Physical Barriers, Detection and Assessment Aids

Results

Inspected aspects of the licensee's physical security program were determined to be appropriately directed towards assuring public health and safety. Management support for the security program continued to be a strength, as evident by the construction of the new access control facility. No safety concerns or violations of regulatory requirements were identified.

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## DETAILS

### 1.0 Key Persons Contacted

#### 1.1 Licensee

\*J. F. Neal, Security Section Manager  
D. Young, Electrical Engineer  
T. J. Nicholson, Security Administration Division Director  
C. Minott, Project Manager Engineering  
\*M. T. Lenhart, Sr. Licensing Engineer

#### 1.2 U. S. Nuclear Regulatory Commission

J. B. Macdonald, Senior Resident Inspector

\*Present at the exit interview on February 10, 1994

### 2.0 Purpose and Scope of the Inspection

In December 1992, the licensee initiated construction of a new Engineering and Support Building which included a new protected area (PA) access control facility. The purpose of this inspection was to determine if the PA barriers, access control equipment, and intrusion detection systems (IDSs) applicable to the new access control facility were in compliance with NRC requirements.

### 3.0 Protected Area Physical Barrier, Detection and Assessment Aids

The inspector conducted a physical inspection of the PA barrier associated with the new Engineering and Support Building and concluded, through observations and interviews with the licensee, that the barrier was installed in compliance with NRC requirements. Additionally, the inspector met with licensee engineering and discussed the applicable IDS. Based on observations and discussions with licensee security and engineering management, the inspector determined that the IDSs were in compliance with NRC requirements. Due to the licensee's decision to close the present main access control point once the new facility is completed, the inspector reviewed the actions taken by the licensee to harden the area. The review revealed that applicable IDSs and assessment aids have been installed. No deviation from NRC requirements was identified.

#### 4.0 Access Control Point

The inspector toured the new access control point and determined that the new facility will provide the licensee with greater capability to process personnel into the PA. The facility has doubled the number of lanes available for personnel processing, and the area will be equipped with new x-ray, explosives, and metal detection equipment. The bullet resistant enclosure (BRE) is self-contained and the installation of new badge racks will enable the security force to issue badges more effectively. The BRE will be manned 24 hours per day and in the event of a contingency the access control point can be secured from inside the BRE. No deficiencies were identified in the layout or construction of the facility that would affect the licensee's ability to comply with the security plan. However, operational aspects of the facility will be reviewed in subsequent inspections.

#### 5.0 Exit Interview

The inspector met with the licensee's representatives indicated in Paragraph 1.0 at the conclusion of the inspection of February 10, 1994. At that time, the purpose and scope of the inspection were reviewed and the findings were presented. The licensee representatives acknowledged the inspection findings.