

U.S. NUCLEAR REGULATORY COMMISSION  
REGION I

Report No. 50-293/85-24

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

Licensee: Boston Edison Company M/C Nuclear  
800 Boylston Street  
Boston, Massachusetts

Facility Name: Pilgrim Nuclear Power Station

Inspection At: Plymouth, Massachusetts

Inspection Conducted: August 6-8, 1985

Date of Last Physical Security Inspection: February 4-8, 1985

Type of Inspection: Unannounced Physical Security

Inspector:

G. C. Smith

G. C. Smith, Safeguards Specialist

8/15/85  
date

Approved by:

R. R. Keimig

R. R. Keimig, Chief, Safeguards Section,  
Division of Radiation Safety and Safeguards

8-15-85  
date

Inspection Summary: Unannounced Physical Security Inspection on August 6-8, 1985 (Report No. 50-293/85-24)

Area Inspected: Special inspection to review licensee's action relative to a licensee identified degraded Vital Area barrier. The inspection involved 12 hours onsite by one region based inspector.

Results: The licensee was not in compliance with NRC regulations in the area examined (failure to maintain an adequate vital area barrier).

## DETAILS

### 1. Key Persons Contacted

C. Mathis, Nuclear Operations Manager, BECo  
E. Ziemianski, Nuclear Operation Support Manager, BECo  
J. McEachern, Group Leader, Resources Protection and Control, BECo  
E. Graham, Group Leader, Compliance, BECo  
T. Nicholson, Security Supervisor, BECo  
P. Hamilton, Compliance Engineer, BECo  
M. Noone, Investigator, BECo  
M. McBride, Resident Inspector, NRC

The inspector also interviewed other licensee employees and members of the contract security organization.

### 2. MC 30703 Exit Interview

The inspector met with the licensee representatives listed in paragraph 1 at the conclusion of the inspection on August 8, 1985, and reviewed the purpose and scope of the inspection and presented the inspection findings.

Written material was not provided to the licensee by the inspector at any time during the inspection.

### 3. MC 92700 Onsite Followup of a Written Report of a Non-routine Event

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Failure to establish and maintain the integrity of a vital area barrier is a violation of NRC requirements. (50-293/85-24-01).

4. MC 92700 - Vital Area Survey

Due to the deficiencies found as described above, the inspector requested the licensee to perform a vital area barrier survey throughout the plant. The results of that survey were provided to the inspector prior to the conclusion of the inspection. The survey identified several questionable barriers and some deficiencies in other vital area barriers. The licensee stated that these will be promptly corrected (Inspector Followup Item 50-293/85-24-02).