

U. S. NUCLEAR REGULATORY COMMISSION
REGION I

Report/License No.: DPR-35/50-293/95-04

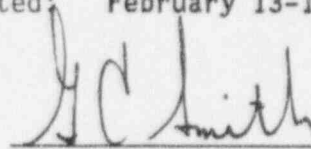
Licensee: Boston Edison Company
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, Massachusetts

Facility Name: Pilgrim Nuclear Power Station

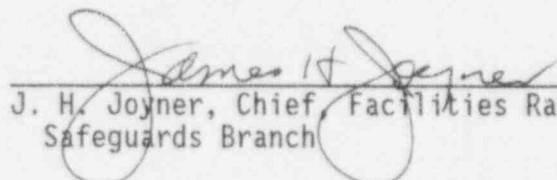
Inspection At: Plymouth, Massachusetts

Inspection Conducted: February 13-16, 1995

Inspector:


G. C. Smith, Senior Security Specialist

Approved by:


J. H. Joyner, Chief, Facilities Radiological Safety and
Safeguards Branch

Areas Inspected: Previously Identified Items; Management Support and Audits; Protected Access Control of Personnel, Packages and Materials; Alarm Stations and Communications and Compensatory Measures.

Results: The licensee's security program was found to be directed toward public health and safety and in compliance with NRC requirements in the areas inspected.

DETAILS

1.0 INDIVIDUALS CONTACTED

1.1 PRINCIPAL LICENSEE EMPLOYEES

C. Goddard, Nuclear Support Operations Manager (NSO)
J. Neal, Deputy NSO Manager
T. Nicholson, Protective Services Manager
R. Cannon, Senior Compliance Engineer
E. Leary, Security Operations Supervisor

1.2 PROTECTIVE TECHNOLOGIES, INCORPORATED

R. Kester, Project Manager

1.3 NRC EMPLOYEES

J. Macdonald, Senior Resident Inspector
A. Cerne, Resident Inspector

The inspector also interviewed other licensee and contractor personnel.

2.0 PREVIOUSLY IDENTIFIED ITEMS

2.1 (CLOSED) Violation 50-293/94-13-01: Failure to control licensee designated vehicles in accordance with the NRC-approved Security Plan.

Based on reviews of revised procedures and the daily vehicle audit, as well as observations by the inspector, the corrective actions are considered acceptable and effective.

Violation 50-293/94-13-01 is closed.

3.0 MANAGEMENT SUPPORT AND AUDITS

3.1 MANAGEMENT SUPPORT

Management support for the licensee's physical security program was determined to be consistent with program needs. This determination was based upon the inspector's review of various aspects of the licensee's program during this inspection, as documented in this report.

The inspector reviewed the status of the security computer program upgrade. This major upgrade impacts on many components of the program and appears to have been well planned, with implementation on schedule. The NRC will continue to monitor the progress of the upgrade and will conduct an inspection when implementation is complete and all affected sub-systems are returned to service. The licensee's compensatory measures were well planned and, based on observations during the inspection, were being implemented effectively (also see Section 6.0).

The following observations were made by the inspector.

- The security program continued to be actively supported by other plant groups, and effective communication channels existed among the security groups (both licensee and contractor) and with other plant groups.
- Based upon review of the security program and the efforts undertaken to upgrade and enhance it, the inspector concluded that the security program continued to receive appropriate management attention and support.
- Security officers were interviewed and the results indicated that the officers were knowledgeable of job requirements and presented a professional demeanor.

3.2 AUDITS

The inspector reviewed the annual security program audit report and verified that the audit had been conducted by the licensee's quality assurance group in accordance with the NRC-approved Physical Security Plan (the Plan). The audit (No. 94.09) was conducted May 16 - June 1, 1994. The audit report identified one deficiency and four recommendations to enhance the effectiveness of the security program. The inspector's review indicated that the audit was comprehensive in scope and the results were reported to the appropriate levels of management. A review of the licensee's response to the audit findings indicated that corrective actions were adequate and that the program was being properly administered.

The inspector also reviewed the licensee's annual fitness-for-duty (FFD) audit report (No. 94-11) conducted October 11-25, 1994. The inspector's review of the audit report disclosed that one deficiency was identified. The deficiency did not detract from the overall effectiveness of the program. The audit response indicated to the inspector that corrective action was adequate and the program was being properly implemented.

4.0 PROTECTED AREA (PA) AND VITAL AREA (VA) ACCESS CONTROL OF PERSONNEL, PACKAGES AND MATERIALS

4.1 PA AND VA ACCESS CONTROL OF PERSONNEL

The inspector determined that the licensee was exercising positive control over personnel access to the PA and VAs. This determination was based on the following:

- The inspector determined, based on observations, that personnel were properly identified and authorization was checked prior to issuance of badges and key cards.

- The inspector reviewed the licensee's search program for firearms, explosives, incendiary devices and other unauthorized materials against commitments in the Plan. The inspector observed both plant and visitor personnel access processing during peak and off-peak traffic periods on February 14-16, 1995.
- The inspector determined, by observation, that individuals in the PA and VAs displayed their badges as required.

4.2 PA AND VA ACCESS CONTROL OF PACKAGES AND MATERIALS

The inspector determined that the licensee was exercising positive control over packages and materials that were brought into the PA through the main access portal. This determination was based on inspector review of package and material control procedures, showing that they were consistent with commitments in the Plan. The inspector also observed package and material processing and interviewed members of the security force and the licensee's security staff about package and material control procedures. No discrepancies were identified in these areas.

5.0 ALARM STATIONS AND COMMUNICATIONS

The inspector observed Central Alarm Station (CAS) and Secondary Alarm Station (SAS) operations. Both the CAS and SAS were being maintained and operated as committed to in the Plan. Inspector interviews of CAS and SAS operators found them knowledgeable of their duties and responsibilities. The inspector also verified that the CAS and SAS operators were not required to engage in activities that would interfere with assessment and response functions. In addition, the inspector verified that the licensee had communications with local law enforcement agencies as committed to in the Plan. No discrepancies were identified in this area.

6.0 COMPENSATORY MEASURES

The inspector's review disclosed that the security computer upgrade project has resulted in extensive use of compensatory measures for out-of-service equipment. The out-of-service equipment was necessary as part of the upgrade project, and the use of compensatory measures was included in the extensive preplanning done for the project. On February 16, 1995, the inspector reviewed the security lock and key program and observed an inventory conducted by a member of the licensee's security staff of vital area (VA) keys assigned to the Operations Department. The availability of vital area keys for operations personnel was an important part of the compensatory measures implemented for some Vital Area Doors that were out-of-service. All VA keys assigned to the Operations Department were accounted for. All compensatory measures were established in accordance with approved procedures and the implementation of the compensatory measures was in accordance with the Plan and being implemented effectively.

7.0 EXIT INTERVIEW

The inspector met with the licensee representatives indicated in Section 1.0 of this report at the conclusion of the inspection on February 3, 1995. At that time, the purpose and scope of the inspection were reviewed, and the preliminary findings were presented. The licensee acknowledged the preliminary inspection findings.