

**U. S. NUCLEAR REGULATORY COMMISSION  
REGION I  
INSPECTION REPORT**

License/Docket/Report Nos.      **DPR-3/50-29/94-03**

Licensee:                      **Yankee Atomic Energy Company**

Facility:                      **Yankee Nuclear Power Station**

Inspection At:              **Rowe, Massachusetts**

Inspection Dates:        **March 15-16, 1994**

Inspectors:                *Edward B. King*  
E. B. King, Physical Security Inspector  
G. S. Smith, Senior Security Specialist

Approved by:              *E. C. McCabe, Jr.*  
E. C. McCabe, Chief, Safeguards Section

**SCOPE:** Security Inspection of: Management Support and Audits; Protected Area Physical Barriers, Detection and Assessment Aids; Protected Area Access Control of Personnel; Alarm Station and Communication and Training and Qualification.

**RESULTS:** Inspected aspects of the licensee's physical security program were determined to be appropriately directed towards assuring public health and safety. No safety concerns or violations of regulatory requirements were identified.

# DETAILS

## 1.0 Key Persons Contacted

- N. St. Laurent, Plant Superintendent
- \* G. Maret, Technical Director/Site Manager
- \* B. Wood, Security Manager
- \* D. March, Security Administrator, Plans and Procedures
- R. Grippardi, Quality Assurance Supervisor
- \* T. Childress, Quality Services Group
- \* G. Raposa, Burns Security
- \* W. Thoma, Burns Security
  
- \* Present at the exit interview on March 16, 1994

## 2.0 Purpose and Scope of the Inspection

On March 9, 1994, the contract security force rejected a collective bargaining agreement and began a strike. The purpose of this inspection was to determine if the licensee's contingency response plans were effective and that the security program remained in compliance with NRC requirements.

## 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 inspectors' review of various aspects of the licensee's program during this inspection, as documented in this report.

### 3.2 Audits

The inspectors reviewed the report of the licensee's annual Quality Assurance Audit (No. 94-04) of the security, fitness-for-duty, and access authorization programs, which was conducted from February 28 - March 11, 1994. The inspectors verified that the audit had been planned and carried out in accordance with the NRC-approved Physical Security Plan (the Plan). During the audit, no deficiencies were identified, and three observations with recommendations were presented for consideration.

Additionally, the inspectors reviewed the report of the licensee's special assessment (No. 94-04B) of security, conducted March 10-11, 1994. The purpose of the assessment was to evaluate the effectiveness of the plant security and contractor staff in implementing strike contingency plans while complying with regulatory and internal procedural

requirements. The audit was very comprehensive in scope and no items of concern were identified. No deficiencies were noted by the inspectors.

#### **4.0 Protected Area Barrier, Detection, and Assessment Aids**

##### **4.1 Protected Area (PA) Barrier**

By physical inspection of the PA barrier on March 15, 1994, the inspectors determined by observation that the barrier was installed and maintained as described in the Plan.

##### **4.2 PA Detection Aids**

The inspectors observed the PA perimeter intrusion detection systems (IDS) on March 15, 1994, and determined that they were installed and maintained as committed to in the Plan.

##### **4.3 Assessment Aids**

On March 15, 1994, the inspectors observed the PA barrier assessment aids and determined that the assessment aids were installed, maintained and operated as described in the Plan.

In summary, the licensee had effective programs which satisfied NRC requirements for PA barrier, detection and assessment aids.

#### **5.0 PA Access Control of Personnel**

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

- The inspectors verified that personnel were properly identified and authorization was checked prior to issuance of badges and key cards.
- The inspectors verified that the licensee was implementing a search program for firearms, explosives, incendiary devices, and other unauthorized materials as committed to in the Plan.
- The inspectors determined, by observation, that individuals in the Industrial Area and the PA display their badges as required.

In summary, the licensee had an effective program which satisfied NRC requirements for PA control of personnel.

## **6.0 Alarm Station and Communication**

The inspectors observed the operations of the Security Alarm Station (SAS) and determined that it was maintained and operated as committed to in the Plan. The SAS operator was interviewed by the inspectors and was found to be knowledgeable of his duties and responsibilities. The inspectors verified that the SAS operator does not perform any operational functions that would interfere with the assessment and response functions. No deficiencies were identified.

## **7.0 Security Training and Qualification**

The inspectors reviewed the training and qualification records for six security force members (SFMs). The SFMs were part of the contingency force provided to the licensee by the contractor to augment the manning requirements due to the contract security force strike action. The physical qualification and firearms qualification records were inspected for armed and unarmed SFMs. The inspector determined that the training had been conducted in accordance with the security training and qualification (T&Q) plan and that it was properly documented. No deficiencies were noted.

## **8.0 Exit Interview**

The inspectors met with the licensee's representatives indicated in Paragraph 1.0 at the conclusion of the inspection of March 16, 1994. At that time, the purpose and scope of the inspection were reviewed and the findings were presented. The licensee representatives present acknowledged the inspection findings.