

U.S. NUCLEAR REGULATORY COMMISSION  
REGION I

Report No. 50-322/88-04

Docket No. 50-322

License No. NPF-19

Licensee: Long Island Lighting Company  
175 East Old County Road  
Hicksville, New York 11801

Facility Name: Shoreham Nuclear Power Station

Inspection At: Wading River, New York

Inspection Conducted: March 28-31, 1988

Type of Inspection: Routine, Unannounced Physical Security Inspection

Inspectors: W.K. Lancaster FOR 5-2-88  
Walter G. Martin, Physical Security Inspector date

W.K. Lancaster 5-2-88  
William K. Lancaster date  
Physical Security Inspector

Approved by: R. Keimig 5-2-88  
Richard R. Keimig, Chief date  
Safeguards Section, DRSS

Inspection Summary: Unannounced, Physical Security Inspection on  
March 28 - 31, 1988 (Report No. 50-322/88-04)

Areas Inspected: Organization; Program Audit; Records and Reports; Testing and Maintenance; Locks, Keys, and Combinations; Physical Barriers - Protected and Vital Areas; Security System Power Supply; Lighting; Assessment Aids; Access Control - Personnel, Packages, and Vehicles; Detection Aids - Protected and Vital Areas; Alarm Stations; Communications; Personnel Training and Qualifications; and Safeguards Contingency Plan Exercises.

Results: The licensee was found to be in compliance with NRC requirements in the areas inspected.

## DETAILS

### 1. Key Persons Contacted

#### LILCO

W. Steiger, Plant Manager  
R. Gutman, Manager, Nuclear Operations Support Department  
J. Devlin, Security Division Manager  
W. Maloney, QC Manager, Nuclear Quality Assurance Department  
C. Seaman, Quality Systems Manager  
A. Downs, Security Administration Supervisor  
J. Welsh, Security Operations Supervisor  
F. Santora, Security Engineer  
G. Gisonda, Supervisor, Nuclear Licensing  
T. Durando, Licensing Engineer  
D. Smith, Compliance Engineer  
J. Miraglia, Compliance Engineer

#### USNRC

F. Crescenzo, Resident Inspector

The inspectors also interviewed other licensee personnel and members of the contract guard force.

### 2. Security Plan and Implementing Procedures

The inspectors met with licensee representatives and discussed the NRC-approved Physical Security Plan (the Plan) and its implementing procedures. As a result of these discussions, and a review of the plan, it was determined that the implementing procedures were current, clear, concise and consistent with commitments in the Plan.

### 3. Security Organization

The inspectors reviewed the security organization and determined that all positions were filled and the organization was as depicted in the Plan.

### 4. Security Program Audit

The inspectors reviewed security program audit reports and verified that the audits had been conducted in accordance with the Plan. The audits were comprehensive in scope and the audit results were reported to the appropriate levels of management.

The review included the response of the security organization to the audit findings and the corrective action taken to remedy any adverse findings. The documented corrective actions appeared appropriate for the findings.

5. Records and Reports

The inspectors reviewed testing and maintenance records and records of security events.

a. Testing and Maintenance Records:

The testing and maintenance records committed to in the Plan were on file and readily available for licensee review and NRC inspection.

b. Security Event Reports:

The inspectors reviewed, and discussed with the licensee, the security events (listed below) that had been reported to the NRC in accordance with 10 CFR 73.71(c), since May 1, 1987. No discrepancies were identified relative to reporting the events or the actions taken.

Security event report nos. 87-004  
87-007  
87-018  
87-019

6. Testing and Maintenance

The inspectors reviewed the testing and maintenance records and procedures for the intrusion detection system, card readers, X-ray machines, metal detectors, explosives detectors, and assessment aids. No discrepancies were identified relative to either the records or procedures.

7. Testing and Maintenance

The inspectors confirmed that the licensee's key and lock control program is being administered in accordance with the Plan and appropriate implementing procedures.

8. Physical Barriers - Protected area

The inspectors conducted a physical inspection of the protected area barrier. The inspectors determined, by observation, that the barriers are installed and maintained as described in the Plan.

9. Physical Barriers - Vital Areas

The inspectors observed that the licensee maintained the physical barriers surrounding the vital areas in conformance with the Plan.

10. Security System Power Supply

The inspectors reviewed the emergency power supply for the security system and found it to be in accordance with the Plan.

11. Lighting

The inspectors observed the lighting within the Protected Area during the hours of darkness (7:30 p.m. to 9:00 p.m.) on March 30, 1988. All areas were adequately lighted to allow observation of activities and to meet commitments in the Plan.

12. Assessment Aids

The inspectors observed the operation of the assessment aids system including during times when artificial lighting was being used (see Paragraph 11), and determined it to be functioning in accordance with the Plan.

13. Access Control - Personnel

The inspectors observed that all personnel entering the Protected Area are searched for unauthorized material and that personnel access controls and search equipment are adequate and appropriate for their intended purpose.

14. Access Control - Packages

The inspectors observed that the licensee controls the flow of packages and materials into and out of the Protected Area. Packages are searched and materials are appropriately examined by use of equipment using procedures which are adequate for the purpose. The licensee is in conformance with the Plan and regulatory requirements.

15. Access Control - Vehicles

The inspectors observed that the licensee searches and escorts, as required, all vehicles that enter the Protected Area and searches all vehicles that exit. The licensee controls all vehicles in conformance with the Plan.

16. Detection Aids - Protected Area

The inspectors observed, selectively tested the Protected Area perimeter detection aids, and determined that they are installed, maintained, and operated as committed to in the Plan.

17. Detection Aids - Vital Areas

The inspectors reviewed, selectively tested, and observed guard force response to the vital area detection aids. The detection aids are in conformance with the Plan, the tests verified that the alarms are

functioning properly, and the guard force response was prompt.

18. Alarm Stations

The inspectors observed the operation of both the central alarm station (CAS) and the secondary alarm station (SAS) and found them to be operating as committed to in the Plan. CAS and SAS operators were interviewed by the inspectors and were found to be knowledgeable of their responsibilities and duties.

19. Communications

The inspectors observed that the communications capabilities in both the central alarm station (CAS) and the secondary alarm station (SAS), are in accordance with the Plan. Also, the inspectors reviewed testing records for the various means of communications available to the security force and found them to be as committed to in the Plan.

20. Personnel Training and Qualifications

The inspectors reviewed selected training records and procedures and found them to be in accordance with the NRC-approved training and qualifications plan.

21. Safeguards Contingency Plan Implementation Review

The inspectors ascertained that the licensee's program for responding to security threats and other contingencies, as outlined in the Plan, are adequate. In addition, the inspector reviewed the contingency event drills conducted since January 1, 1988. It was noted during this review that while the operations organization did not participate in the drills conducted by the security organization, the security organization actively participate in the frequent (about once a month) site emergency exercises. Three of the last six site emergency drills were based on security events requiring and achieving an active interface between the security and operations organizations for an effective exercise.

22. Exit Interview

The inspectors met with the licensee representatives listed in paragraph 1 at the conclusion of the inspection on March 31, 1988. At that time, the purpose and scope of the inspection were reviewed and the findings were presented.

At no time during this inspection was written material provided to the licensee by the inspectors.