

U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 50-322/84-19

Docket No. 50-322

License No. CPPR-95

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

Facility Name: Shoreham Nuclear Power Station, Unit 1

Inspection At: Wading River, New York

Inspection Conducted: April 30 - May 4, 1984

Date of Last Physical Security Inspection: December 12-15, 1983

Type of Inspection: Preoperational Security Program Review

Inspectors:

Roland Bailey
R. J. Bailey, Physical Security Inspector

5-30-84
date

W. Madden
W. Madden, Physical Security Inspector

5-31-84
date

Approved by:

W. R. Keimig
R. R. Keimig, Chief, Safeguards Sections

6-1-84
date

Inspection Summary: Preoperational Security Program Review on April 30-
May 4, 1984 (Inspection Report No. 50-322/84-19)

Areas Inspected: Preoperational review of the Security Program implementation: Security Plan and Implementing Procedures; Records and Reports; Locks, Keys, and Combinations; Physical Barriers (Protected and Vital Areas); Lighting; Alarm Stations; Independent Inspection effort concerning Inspection and Enforcement Bulletins, Circulars and Notices published since 1977; and follow-up on previously identified inspector concerns. The security program review involved 68 inspector hours onsite by two NRC region-based inspectors.

Results: Implementation of the licensee's security program is progressing as scheduled.

Report Details

1. Key Persons Contacted

W. Steiger, Plant Superintendent
J. A. Nataro, Outages/Modifications Division Manager
L. Calone, Chief, Technical Engineer
J. G. Wynne, Compliance Engineer
G. Cogates, Compliance Engineer
R. F. Reen, Site Security Supervisor
J. L. Molini, Security Operations Supervisor
K. King, Plant Engineer
E. Papadoulis, Plant Engineer
K. G. Bergmann, Training Officer
W. V. Allen, Vice President, Yoh Security
R. K. Fisher, Contract Administrator, Yoh Security

All were present at the exit interview.

The inspectors also interviewed other licensee personnel and members of the Yoh Contract Guard Force.

2. 30703 - Exit Interview

The inspectors met with the licensee representatives (denoted in paragraph 1) at the conclusion of the inspection on May 4, 1984. At that time, the purpose and scope of the inspection were reviewed and the findings presented. At no time during this inspection was written material provided to the licensee by the inspectors.

3. 92701 - Inspector Follow-up Items

Items that require no further action by the licensee are identified as closed in this report. They are addressed by paragraph title in this report as they were identified in Report Number 50-322/82-09.

4. 81118 - Security Plan and Implementing Procedures

The inspectors reviewed the status of the Final Security Settlement Agreement (Attachment A to the Physical Security Plan) that the licensee negotiated with Suffolk County authorities. Eight remaining items require some form of Licensee action. Attachment A to this report lists those items remaining open since previously reported under NRC Inspection No. 83-31-01.

5. 81138 - Records and Reports

The inspectors observed that the list of authorized individuals did not include the address of the individual and the name of the approving authority as described in the physical security plan. The licensee took

immediate action to revise the list and include this information. This will be reviewed in a future inspection (84-19-01).

6. 81146-locks, Keys and Combinations

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7. 81152 - Physical Barriers (Protected Areas)

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The inspectors observed that portions of the temporary protected area barrier surrounding the construction of the new diesel generator building and diesel fuel storage area were not installed as described in the Physical Security Plan. The licensee was advised that prior to fuel load, all protected area barriers would have to be installed as described in the approved physical security plan. The licensee acknowledged the inspectors statement. This will be reviewed in a future inspection (84-19-03).

8. 81154 - Physical Barriers (Vital Areas)

- a. During a previous inspection the licensee was advised to conduct a survey of all vital areas to ensure that all barriers provide adequate protection, i.e., review floors, walls, ceilings, doors, and pipe penetrations to ensure that there are no locations that will afford access to vital equipment. During this inspection, the inspector reviewed all vital areas and did not observe any openings that would afford unimpeded or undetected access to vital equipment. In regards to construction work being performed on one of the main diesel generators (a vital area), the licensee was advised that if the main diesel generators are designated as vital equipment, then the main diesel generator bays must be protected and controlled as vital areas prior to fuel load as outlined in the approved physical security plan. The licensee acknowledged the inspector's statement. Inspector Follow-up Item 82-09-19 is closed.
- b. During a previous inspection the licensee was advised to reinforce the openings in the diesel generator building to provide an effective barrier. The inspectors observed that the openings in the diesel generator building were reinforced to provide an effective vital area barrier. Inspector Follow-up Item 82-09-21 is closed.

9. 81162 - Lighting

During a previous inspection, the licensee stated that numerous trailers are to be used as temporary office space in the protected area. The inspector advised that to meet the illumination level around all structures in the protected area, each trailer would have to be "skirted" using rigid, permanently fastened material in order to eliminate unlighted or poorly lighted areas. During this inspection, the inspectors observed that the licensee had constructed a permanent office building within the protected area thus eliminating the need for the trailers. Any trailers that remain at the time of Operating License issuance must be skirted to prevent poorly lighted areas that would not meet illumination standards outlined in the approved physical security plan. Inspector Follow-up Item 82-09-24 is closed.

10. 81184-Alarm Stations

The inspectors observed that the Central Alarm Station (CAS) does not have an adequate heating and cooling system. The CAS door was observed to be open continuously during this inspection. The licensee stated that they would address heating and cooling problems and take action to ensure that the CAS door remains closed. This will be reviewed in a future inspection (84-19-04).

11. 92706 - Independent Inspection Effort

Attachment B contains comments concerning the licensee's action with respect to the information contained in current NRC security related bulletins, circulars and information notices. These notifications were forwarded to all nuclear power reactor facility licensee for their information and action as deemed necessary.

Attachment A to IR No. 50-322/84-19
Paragraph 4 - 81118
Security Plan and Implementing Procedures

ATTACHMENT A

Items Remaining Open from the final Security Settlement Agreement

1. Security Contention I
 - B-8 Installation of four assessment CCTV
 - B-8-(1) Installation of Southern and Western CCTV
2. Security Contention II

SAFEGUARDS INFORMATION

- B-4 Joint Planning and Training
 - B-4(a) Scheduling of Joint Training and Exercise
 - B-5-(a) Formal LLEA Liaison Agreement

Attachment B to IR No. 50-322/84-19
Paragraph 11-92706
Independent Inspection Effort

ATTACHMENT B

PAGES 1-6

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