

U. S. NUCLEAR REGULATORY COMMISSION

REGION I

Report No. 50-322/82-31

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: October 25 - 29, 1982

Date of Last Physical Security Inspection: April 25 - 29, 1982

Type of Inspection: Preoperational Security Program Review

Inspectors:

W. C. Smith
G. C. Smith, Physical Protection Inspector

12/13/82
date

W. J. Bailey
R. J. Bailey, Physical Protection Inspector

12/13/82
date

Approved by:

A. T. Gody
A. T. Gody, Chief, Safeguards and Fuel
Facilities Section, Nuclear Materials and
Safeguards Branch

12/13/82
date

Inspection Summary: Preoperational Security Program Review on October 25 - 29, 1982 (Report No. 50-322/82-31)

Areas Reviewed: Preoperational inspection to evaluate progress on the proposed Physical Security Plan; Testing and Maintenance; Lighting; Access Control (Personnel); Alarm Stations; and Communications. The security program review involved 64 inspector hours on site by two NRC region-based inspectors. The program review was begun during regular hours.

Results: Violations were not appropriate, as the Physical Security Plan for Shoreham Nuclear Power Station has not been approved. However, several areas were identified that require upgrading to meet regulatory requirements.

Report Details

1. Key Persons Contacted

- J. Rivello, Plant Manager
- * W. Steiger, Chief Operating Engineer
- * R. Reen, Site Security Supervisor
- * J. Melini, Assistant Site Security Supervisor
- * A. Mullen, QA Engineer
- J. Munro, Startup System Engineer
- * J. Devlin, Security Consultant
- * J. Higgins, NRC Senior Resident Inspector
- * P. Hannes, NRC Resident Inspector

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

*Denotes those present at the exit interview.

2. 30703 - Exit Interview

The inspectors met with the licensee representatives (denoted in paragraph 1) at the conclusion of the inspection on October 29, 1982. At that time, the purpose and scope of the inspection were reviewed and the findings presented.

3. 92701 - Follow-Up on Inspector Identified Problems

During inspection 82-09, there were 41 potential problem items identified. Each of these items was reviewed during this inspection. 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

A partial review of the proposed revision 5 to the Physical Security Plan was conducted. Revision 5 will be reviewed completely when it is submitted to the NRC for approval.

5. 81142 - Testing and Maintenance

During inspection 82-09, the licensee stated there were several subcontractors responsible for the installation and maintenance of security related equipment and that the feasibility of dedicated maintenance would be reviewed. During this inspection, the licensee stated that licensee personnel have been trained to maintain the system and they would no longer be dependent on subcontractors to perform this function. Inspector Follow-Up Item 82-09-06 is closed.

6. 81162 - Lighting

During inspection 82-09, it was identified that the Central and Secondary Alarm Station (CAS/SAS) consoles had controls that could override the automatic on/off functions of the perimeter lighting. Further review by the licensee disclosed that the override function could only be used to turn the lights on in the event of a malfunction of the automatic function and could not be used to turn the lights off. Inspector Follow-Up Item 82-09-25 is closed.

7. 81170 - Access Control (Personnel)

During inspection 82-09, it was identified that the bullet-resisting structure in the contractor access control point did not have a climate control system. A high velocity fan was installed in the structure to provide ventilation. Inspector Follow-Up Item 82-09-31 is closed.

8. 81184 - Alarm Stations

During inspection 82-09, four locations were identified on an alarm console that required tamper-indicating devices. Tamper-indicating devices were installed on the alarm console. Inspector Follow-Up Item 82-09-38 is closed.

9. 81188 - Communications

A review of the proposed communication system disclosed that the security radios were located in the Office and Service Building. The transmitters could monitor and transmit on more than one frequency; however, only one frequency could be used at a time. Because LLEA was on a different frequency than the plant security force, the ability to communicate with members of the security organization was lost when the CAS/SAS operators were contacting the LLEA. The licensee was advised that the CAS/SAS must have the ability to communicate with members of the security force at all times. This will be reviewed in a future inspection (82-31-01).

10. 92713 - Independent Inspection Effort

On October 28, 1982, the inspectors observed the licensee's firearms certification program. The firearms certification program is completed after successful firearms qualification in accordance with the Training and Qualification Plan. The licensee implemented the certification program to introduce stress into a firearms program by including physical tasks that must be performed while demonstrating firearms proficiency in a pre-determined time.