

U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 50-219/86-05

Docket No. 50-219 License No. DPR-16

Licensee: GPU Nuclear Corporation

100 Interpace Parkway

Parsippany, New Jersey 07054

Facility Name: Oyster Creek Nuclear Generating Station

Inspection At: Forked River, New Jersey

Inspection Conducted: February 18-21, 1986

Date of Last Physical Security Inspection: July 22-26, 1985

Type of Inspection: Routine, Unannounced Physical Security Inspection

Inspectors:

Jack M. Dunlap, Physical Security Inspector

3-28-86
date

William J. Madden, Physical Security Inspector

3-28-86
date

Approved by:

R. R. Keimig, Chief, Safeguards Section

3-28-86
date

Inspection Summary: Routine, Unannounced Physical Security Inspection on February 18-21, 1986 (Report No. 50-219/86-05)

Areas Inspected: Management Effectiveness; Organization; Program Audits; Records and Reports; Testing and Maintenance; Physical Barriers (Protected Area /Vital Areas) Compensatory Measures; Assessment Aids; Access Control (Personnel/Packages/Vehicles); Detection Aids (Protected Area/Vital Areas); Alarm Stations; Communications; Safeguards Contingency Plan; and follow-up on outstanding items.

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

DETAILS

1. Key Persons Contacted

P. B. Fiedler, Vice-President/Director, Oyster Creek J. Knubel, Nuclear Security Director, GPU D.G. Holland, Licensing Manager B. H. Hohman, Licensing Engineer D. J. Long, Security Manager R. T. Ewart, Security Lieutenant J. Earley, Supervisor, I&C Corrective Maintenance W. H. Bateman, Senior Resident Inspector, NRC

Other licensee personnel and members of the proprietary and YOH contract security force were interviewed by the inspectors.

2. MC 30703 - Exit Interview

At the conclusion of the inspection on February 21, 1986, the inspectors met with the licensee representatives listed in paragraph 1 and reviewed the purpose and scope of the inspection and presented the findings.

Written material was not provided to the licensee by the inspectors at any time during this inspection.

3. MC 92701 - Status of Inspector Follow-up Item

(Closed) Inspector Follow-up Item (85-02-01): A formal preventive maintenance program is needed for CCTV, perim-alert, and radio communications. By memorandum titled QDR-0098 (Security Preventive Maintenance Program), dated February 4, 1986, the Security Manager advised the QA Lead Auditor that as of January 31, 1986, a full security preventive maintenance program has been in effect. The security preventive maintenance schedule, developed by JCP&L System Operations and Telecommunications for the assessment aids, perimeter intrusion alarm systems, radio communications, and security lighting, was reviewed by the inspectors and appeared to provide an adequate preventive maintenance schedule for this equipment. The preventive maintenance schedule for the remaining security equipment, which is maintained by the facility Operations Maintenance Section and the Instrument and Computer Maintenance Section, was reviewed with the supervisors of those sections and appeared to be adequate. Site Protection Force Directive, No. 85-15, dated November 26, 1985, subject, Security Work Orders, was issued to assist security personnel in the preparation and distribution of security equipment work orders for the repair of any deficiencies which may occur between scheduled maintenance inspections.

4. MC 92702 - Follow-Up on Previous Violations

(Closed) Violation (85-16-05): Failure to report degradation of security per 10 CFR 73.71. The inspector reviewed security logs and records and security event reports submitted by the licensee since the violation. The inspectors determined that physical security events reportable under 10 CFR 73.71 and Oyster Creek Security Department Procedure 1150.20 are being correctly reported.

5. MC 81020 - Management Effectiveness

The inspector noted the following improvements to the security program:

- a. New handguns have been purchased.
- b. The firearms training program has been revised to make it more realistic and practical, including an upgrade of close distance firing tactics.
- c. The licensee is conducting a job task analysis for all Site Protection Officer positions to determine the effectiveness of the Training and Qualification Plan.
- d. Four portal metal detectors, two explosive detectors and one x-ray scan unit have been purchased to enhance the search functions.
- e. An upgrade of computer system capability is in progress to add redundancy and improve monitoring effectiveness. Software modifications are being accomplished with this change.
- f. A new system of performance observations, which tests an individual's proficiency level on general operational security program criteria and on specific security officer positions, has been developed and implemented as a management/supervisory tool. The intent of this system is to review the quality of security personnel performance and knowledge on a continuing basis and to identify and correct deficiencies as they are detected.

6. MC 81022 - Security Organization

The inspector determined that the security management structure and chain of command were in conformance with the NRC-approved physical security plan, contingency plan, procedures and applicable regulatory requirements. They are adequate and appropriate for their intended function.

7. MC 81034 - Security Program Audit

The inspector reviewed the annual QA audit of the security program, #S-OC-85-15, dated November 12, 1985, and confirmed that the licensee had taken corrective actions on the four audit recommendations. These recommendations included: (1) further reducing the visibility of alarm station features from outside the alarm station; (2) submittal of updated security plan drawings to NRC; (3) improvement of firearms cleaning standards; and (4) the elimination of a fire hazard. The audit was comprehensive in scope and was conducted by qualified personnel.

8. MC 81038 - Records and Reports

The inspectors reviewed the daily logs and records and found no discrepancies. Two security event reports, submitted since the last inspection, were reviewed and found to be factual, timely, and complete with compensatory measures, prompt and appropriate.

9. MC 81052 - Physical Barriers - Protected Area

The inspector verified, by visual observation of all the protected area physical barriers, that the licensee was maintaining the barriers in accordance with the NRC-approved physical security plan.

10. MC 81054 - Physical Barriers Vital Areas

By letter dated October 25, 1985, subject: Oyster Creek Nuclear Generating Station, Docket No. 50-219, Security Plan Revision #18, the licensee submitted a plan change in accordance with 10 CFR 50.54(p).

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The licensee was advised that the inspectors would communicate their observations regarding this plan change to the appropriate NRC personnel engaged in reviewing the change. This is an Inspector Follow-up Item. (86-05-01)

11. MC 81064 - Compensatory Measures

The inspectors determined, by observation and interviews with security personnel, that the licensee implemented, and security personnel were knowledgeable of, the compensatory security measures for inoperable security systems necessary to meet the requirements of the NRC-approved physical security plan and implementing procedures.

12. MC 81070 - Access Control - Personnel

By observation and review of records, the inspectors determined that the licensee was controlling personnel access to the protected and vital areas in conformance with the NRC-approved physical security plan and implementing procedures.

13. MC 81072 - Access Control - Packages

The inspectors observed that the security force controlled the entry of packages and material into the protected area in conformance with the NRC-approved physical security plan and implementing procedures.

14. MC 81074 - Access Control - Vehicles

The inspectors observed that the security force properly controlled the access of vehicles into the protected area and conducted search and escort tasks in accordance with the NRC-approved physical security plan and implementing procedures.

15. MC 81078 - Detection Aids - Protected Areas

The licensee demonstrated to the inspectors that the perimeter intrusion detection system detected penetration tests of the protected area in accordance with the NRC-approved physical security plan.

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This is an Inspector Follow-up Item. (IFI 86-05-02).

16. MC 81080 - Detection Aids - Vital Areas

The inspectors observed the licensee conduct penetration tests of the vital area intrusion detection system (IDS) and confirmed that the IDS was functioning in accordance with the NRC-approved physical security plan.

17. MC 81084 - Alarm Stations

The inspectors observed and questioned the central alarm station (CAS) operator and the secondary alarm station (SAS) operator and determined that the CAS and SAS operators were knowledgeable of their duties and that the stations were in conformance with the NRC-approved physical security plan and adequate and appropriate for their intended functions.

18. MC 81088 - Communications

The CAS operator demonstrated to the inspector that the internal and external communication links established by the licensee were in accordance with the NRC-approved physical security plan.

19. MC 81601 - Safeguards Contingency Plan

A simulated threat and contingency were presented to the security force by the inspectors who requested that the licensee have the security force demonstrate its response. The inspectors found that their response was as outlined in the licensee's NRC-approved Safeguard Contingency Plan and its implementing procedures.