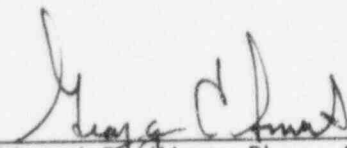


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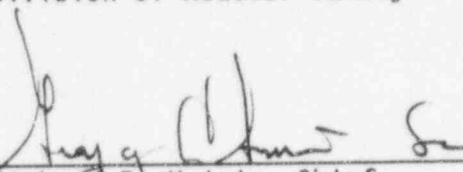
DOCKET/REPORT NO. 50-219/95-19/DRP-16  
LICENSEE: GPU Nuclear Corporation  
FACILITY: Oyster Creek Nuclear Generating Station  
LOCATION: Forked River, New Jersey  
DATES: October 2-4, 1995

INSPECTOR:

  
Edward R. King, Phys. Sec. Inspector  
Emergency Prep. & Safeguards Branch  
Division of Reactor Safety

10/20/95  
Date

APPROVED:

  
Richard R. Keimig, Chief  
Emergency Prep. & Safeguards Branch  
Division of Reactor Safety

10/20/95  
Date

**Areas Inspected:** Previously Identified Items; Effectiveness of Management Control; Management Support; Audits; Protected Area Detection Equipment; Protected/Vital Area Access Control of Personnel; Alarm Stations and Communications; Protected Area Lighting and Security Training and Qualification.

**Results:** The inspection revealed that the licensee had adequate controls for identifying, resolving, and preventing programmatic problems. Management support was evident by ongoing upgrades and enhancements; protected area (PA) detection equipment was functional, effective, and met licensee's commitments; an effective program was in place to control PA and Vital area (VA) personnel access; alarm stations satisfied the NRC-approved physical security plan commitments; and PA lighting was effective. Observations and discussions with site protection officers (SPOs) indicated that the officers were properly trained and were knowledgeable of their duties and responsibilities and morale was good. No security weaknesses or discrepancies were identified during the inspection. Additionally, three previously identified items in the areas of PA lighting (VIO), PA personnel access control (VIO), and security training lesson plan weaknesses (IFI) were closed.

## DETAILS

### 1.0 KEY PERSONNEL CONTACTED

#### 1.1 Licensee Personnel

- \* J. Barton, Vice President-Director
- S. Levin, Director, Operations and Maintenance
- \* R. Ewart, Security Manager
- R. Hulshouser, Manager-Nuclear Security
- \* R. Pezzella, Security Operations Supervisor
- \* D. Barnes, System Engineering Supervisor
- \* E. Johnson, System Engineer
- \* D. McMillan, Manager, System Engineering
- L. Defibaugh, Security Training Instructor
- \* G. Busch, Regulatory Affairs
- \* G. Shannon, Site Protection Shift Supervisor
- D. Pysher, Manager, Plant Maintenance
- \* T. Sensue, Licensing Engineer
- \* E. Ahern, Nuclear Safety Assessor

#### 1.2 U.S. Nuclear Regulatory Commission - Region I

- \* L. Briggs, Senior Resident Inspector
- S. Pindale, Resident Inspector

\* Denotes those present at the exit interview

The inspector also interviewed other licensee personnel during this inspection.

### 2.0 PREVIOUSLY IDENTIFIED ITEMS

#### 2.1 (Closed) VIO 50-219/94-28-01

Failure to perform effective hands-on searches of personnel.

A review of the licensee's corrective actions by the inspector verified that the actions were effective. The corrective actions included retraining the site protection officers (SPOs) on the proper performance of hands-on and hand-held metal detector searches. The inspector observed SPOs performing hands-on and metal detector searches during peak activity periods and determined that the searches were being performed in an effective and consistent manner. No deficiencies were noted.

#### 2.2 (Closed) VIO 50-219/94-28-02

Failure to maintain adequate PA lighting.

During the inspection 50-219/94-28, five areas were identified by the inspectors which did not satisfy the applicable PA minimum lighting requirements, with no compensatory measures implemented. This was a repetitive violation. Based on discussions with security management and a review of applicable documentation, the inspectors determined the licensee's

corrective actions were effective. The corrective actions included the performance of a lighting assessment by Security, Engineering, and Maintenance, resulting in an extensive upgrade of the existing lighting system. No deficiencies were noted.

### **2.3 (Closed) IFI 50-219/94-28-03**

**Failure to have a lesson plan that specifically addressed conducting hands-on searches.**

The inspector determined that the corrective actions by the licensee to resolve the concern were adequate. This determination was based on discussions with security management and the review of a newly developed formal training lesson plan which had been implemented as a guide to ensure training consistency. Additionally, the applicable performance tasks associated with personnel and package search were revised to coincide with the training lesson plan revisions. No deficiencies were noted.

### **3.0 EFFECTIVENESS OF MANAGEMENT CONTROLS**

The inspector determined that the licensee had controls for identifying, resolving, and preventing security program problems. These controls included the performance of a corporate security semi-annual self-assessment audit and the required annual quality assurance (QA) audit. Additionally, the licensee is presently developing a self-assessment program which would require on-going site protection shift supervisor (SPSS) oversight and SPO participation.

A review of documentation applicable to the programs indicated that initiatives to minimize security performance errors and identify and resolve potential weaknesses were being implemented. The licensee's initiatives in this area were effective.

### **4.0 MANAGEMENT SUPPORT AND AUDITS**

#### **4.1 Management Support**

Management support for the licensee's physical security program was generally determined to be adequate. This determination was based upon inspector review of various program activities during this inspection, as documented in this report.

#### **4.2 Audits**

The inspector reviewed the 1995 QA audit of the security program conducted May 22 - July 18, 1995 (Audit No. S-OC-95-08). That audit was conducted in accordance with the licensee's Physical Security Plan (the Plan). To enhance the effectiveness of the audit, the audit team included an independent security technical specialist. The audit documented one deviation and two minor deficiencies which were not indicative of programmatic weakness. The inspector's review concluded that the audit was very comprehensive in scope, the findings were reported to the appropriate level of management and that the program was being properly administered.

## 5.0 PROTECTED AREA (PA) DETECTION EQUIPMENT

The inspector conducted a physical inspection of the PA detection aids on October 3, 1995. The inspector determined, by observation, that the detection aids were installed and maintained as described in the Plan.

## 6.0 PA/VA ACCESS CONTROL OF PERSONNEL

6.1 The inspector determined that the licensee was generally exercising positive control over personnel access to the PA and VAs. This determination was based on the following:

6.1.1 Observations by the inspector noted that personnel were properly identified and authorization was checked prior to issuance of badges and key cards.

6.1.2 Review of the licensee's search program by the inspector for firearms, explosives, incendiary devices and other unauthorized materials against commitments in the Plan identified no deficiencies. The inspector observed both plant and visitor personnel access processing during peak and off-peak traffic periods on October 3 and 4, 1995, and found no deficiencies.

6.1.3 By observation, the inspector noted that individuals in the PA and VAs displayed their badges as required.

6.1.4 A review of the licensee's VA revalidation process, by the inspector, found that individuals are granted access to specific V/As on an as needed basis. A review of applicable documentation and discussions with security supervision verified that the access lists for each V/A are updated and reapproved by the cognizant licensee manager or supervisor at least once every 31 days. The review ensures that only individuals whose specific duties require access to V/As during non-emergency conditions are included on the access lists.

## 7.0 ALARM STATIONS AND COMMUNICATIONS

The inspector observed Central Alarm Station (CAS) and Secondary Alarm Station (SAS) operations. Both the CAS and SAS were being maintained and operated as committed to in the Plan. Inspector interviews of CAS and SAS operators found them knowledgeable of their duties and responsibilities.

The inspector also verified that the CAS and SAS operators were not required to engage in activities that would interfere with assessment and response functions. In addition, the inspector verified that the licensee had communications with local law enforcement agencies, as committed to in the Plan. The licensee recently enhanced its emergency notification capabilities by adding cellular phones in both the alarm stations.



## **8.0 PROTECTED AREA LIGHTING**

On October 4, 1995, the inspector conducted a PA and isolation zone lighting survey between approximately 7:00 p.m. and 9:00 p.m., accompanied by a licensee security supervisor.

The inspector determined, by observation and use of a calibrated light meter provided by the licensee, that the station's lighting system met regulatory requirements and was effective, and that the isolation zones were adequately maintained to permit observation of activities on both sides of the PA barrier. Except for the replacement of some temporary lights, used as an interim measure in conjunction with permanent lighting, the licensee's lighting upgrade was completed. The tentative completion date is December 1995.

## **9.0 SECURITY TRAINING AND QUALIFICATION (T&Q)**

On October 3, 1995, the inspector met with the security training instructor to discuss the coordination of training activities between the licensee and the local law enforcement agencies (LLEA). Additionally, the inspector observed LLEA, assisted by licensee security supervision, conducting firearms training using the licensee's firearms training system. The interface between LLEA and the licensee is a program strength.

On October 4, 1995, the inspector observed tactical response training. The training addressed tactical movement, effective use of cover and concealment and target acquisition. The training instructors did an excellent job controlling the drills and the training aids added realism to the drill scenarios. Additionally, the inspector observed a segment of the required semi-annual weapons requalification training which included night familiarization. Based on observations, the inspector determined that the training satisfied the licensee's NRC-approved T&Q plan commitments and that the range was controlled in a safe manner.

Several SPOs were interviewed to determine if they possessed the requisite knowledge to carry out their assigned duties. The results indicated that the individuals were knowledgeable of their job requirements. Additionally, throughout the inspection, the inspector observed SPOs performing their duties in a professional manner and in accordance with applicable security procedures and post orders.

## **10.0 EXIT MEETING**

The inspector met with the licensee representatives denoted in Section 1.0 of this report at the conclusion of the inspection on October 4, 1995. At that time, the purpose and scope of the inspection were reviewed, and the preliminary findings were presented. The licensee acknowledged the preliminary inspection findings.