

U.S. NUCLEAR REGULATORY COMMISSION  
REGION I

Report No. 50-289/84-34

Docket No. 50-289

License No. DPR-50

Licensee: GPU Nuclear Corporation  
100 Interpace Parkway  
Parsippany, New Jersey 07054

Facility Name: Three Mile Island Nuclear Station, Unit 1

Inspection At: Middletown, Pennsylvania

Inspection Conducted: October 22-26, 1984

Date of Last Physical Security Inspection: February 13-17, 1984

Type of Inspection: Routine, Unannounced Physical Security

Inspector: *J. M. Dunlap*  
J. M. Dunlap,  
Physical Security Inspector

12/17/84  
date

Approved by: *R. R. Keimig*  
R. R. Keimig, Chief,  
Safeguards Section

12-18-84  
date

Inspection Summary: Routine, Unannounced Physical Protection Inspection on  
October 22-26, 1984, (Report No. 50-284/84-34)

Areas Inspected: Security Plan and Implementing Procedures; Management Effectiveness; Security Organization; Security Program Audit; Locks, Keys, and Combinations; Physical Barriers (Protected/Vital Areas); Lighting; Assessment Aids; Access Control (Personnel/Packages/Vehicles); Detection Aids (Protected/Vital Area); Alarm Stations; and, Training and Qualification Plan. The inspection involved 30 hours onsite by one NRC region-based inspector and began during regular hours. Two inspection hours were spent during backshift periods.

Results: The licensee was found to be in compliance with NRC requirements in the areas examined, except for: Personnel Training and Qualification (failure to demonstrate ability to request off-site assistance).

8501140105 841227  
PDR ADOCK 05000289  
Q PDR

## DETAILS

### 1. Key Persons Contacted

- \*C. W. Smyth, Licensing Manager, TMI-1
- \*J. J. Byrne, Licensing Manager, TMI-2
- C. L. Incorvaiti, Audit Supervisor
- \*J. F. Stacey, Security Supervisor, TMI-1
- \*R. D. Stintzeum, Security Supervisor, TMI-2
- \*J. Flowers, Site Protection Lieutenant, TMI-2
- \*S. E. Moritz, Security Training Administrator
- \*F. I. Young, Resident Inspector, TMI-1
- \*T. A. Moslak, Resident Inspector, TMI-2

The asterisk (\*) denotes those present for the exit interview.

The inspector also interviewed other members of the licensee's proprietary security force.

### 2. 30703 - Exit Interview

The inspector met with licensee representatives at the conclusion of the inspection on October 26, 1984. The purpose and scope of the inspection were reviewed and the findings presented. At no time during the inspection was written material provided to the licensee by the inspector.

### 3. 92701 - Followup on Inspector Identified Problems

- a. (CLOSED) Inspector Followup Item (82-SC-05)

b.

**THIS PARAGRAPH CONTAINS SAFEGUARDS  
INFORMATION AND IS NOT FOR PUBLIC  
DISCLOSURE, IT IS INTENTIONALLY  
LEFT BLANK.**

This is an inspector followup item (84-34-01).

- c. (CLOSED) (Inspector Followup Item) (83-03-01). Excessive malfunctions of the security system computer. On 3/22/83, a new software package was installed to alleviate problems associated with the security computer. On 7/11/84, several changes were made to the 3/83 package which eliminated three of the existing problems within the system. From 9/25/84, to 10/25/84, none of the previous problems recurred. A contract was awarded 10/11/84, to rectify the remaining problems.

- d. (CLOSED) (Inspector Followup Item) (84-20-01): Licensee to review practice of security badge control with individual. GPU Nuclear Memorandum dated 9/25/84, subject, "Wearing of Photo Identification Badges" from H. D. Hukill, Vice President and Director, TMI-1, directed to all managers, Manager of Training, and Supervisor of Security, set forth the policy for wearing badges and enumerated the few exceptions and the procedures to follow in these cases. Special attention was given to the wearing and control of photo identification badges and no violations were observed during this inspection.

4. 81018 - Security Plan and Implementing Procedures

The licensee's security program conformed to the security plan and implementing procedures. Plant safety is not adversely affected by security programs, procedures or equipment.

5. 81020 - Management Effectiveness - Security Program

**THIS PARAGRAPH CONTAINS SAFEGUARDS  
INFORMATION AND IS NOT FOR PUBLIC  
DISCLOSURE, IT IS INTENTIONALLY  
LEFT BLANK.**

6. 81022 - Security Organization

The licensee's security management structure and chain of command were in conformance with the approved physical security plan, contingency plan, procedures, and applicable regulatory requirements, and were adequate and appropriate for their intended function. In addition, the licensee has a management system to provide for the development, revision, implementation and enforcement of physical protection procedures.

7. 81034 - Security Program Audit

The licensee properly and adequately audited the security program and implemented the recommendations for improvements to assure the continued effectiveness of the program.

8. 81046 - Locks, Keys, and Combinations

The licensee's locks, keys and combinations utilized in the security system were controlled and protected in conformance with the physical security plan and licensee procedures.

9. 81052 - Physical Barriers - Protected Area

The licensee maintained the physical barriers surrounding the protected area in conformance with the physical security plan.

10. 81054 - Physical Barriers - Vital Areas

The licensee maintained the physical barriers surrounding the vital areas in conformance with the physical security plan.

11. 81062 - Lighting

The licensee maintained lighting of the isolation zones and exterior areas within the protected area sufficiently to monitor and observe persons and activities, and to assess the existence of a potential threat.

12. 81066 - Assessment Aids

The licensee maintained assessment aids that conformed to the physical security plan. These aids were adequate and appropriate for their intended function.

13. 81070 - Access Control - Personnel

The licensee maintained personnel access control to the protected and vital areas in conformance with the physical security plan and approved procedures.

14. 81072 - Access Control - Packages

The licensee controlled the entry of packages and material to the protected area in conformance with the physical security plan and approved procedures.

15. 81074 - Access Control - Vehicles

The licensee properly controlled access to vehicles entering the protected area in conformance with the physical security plan and approved procedures. Vehicles that entered the protected area were properly searched and escorted when required.

16. 81078 - Detection Aids - Protected Area

The licensee's intrusion detection system detected NRC inspector initiated penetration test of the protected area in conformance with the physical security plan and approved procedures.

17. 81080 - Detection Aids - Vital Areas

The licensee's intrusion detection system detected NRC inspector initiated penetration test of the vital areas in conformance with the physical security plan and approved procedures.

18. 81084 - Alarm Stations

The onsite Central and Secondary Alarm Stations (CAS/SAS) established by the licensee were maintained in accordance with the physical security plan and approved procedures.

19. 81088 - Communications

The internal and external communications links established by the licensee were in conformance with the physical security plan and approved procedures.

20. 81501 - Personnel Training and Qualification - General Requirements

**THIS PARAGRAPH CONTAINS SAFEGUARDS  
INFORMATION AND IS NOT FOR PUBLIC  
DISCLOSURE. IT IS INTENTIONALLY  
LEFT BLANK.**

21. 81601 - Safeguards Contingency Plan

The licensee's program for responding to security threats and other contingencies, as outlined in the licensee's approved Safeguard Contingency Plan (SCP) and its implementing procedures, was adequate.