

U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 50-289/83-03

Docket No. 50-289 License No. DPR-50

Licensee: GPU Nuclear Corporation

100 Interpace Parkway

Parsipanny, New Jersey 07054

Facility Name: Three Mile Island Nuclear Station, Unit 1

Inspection at: Middletown, Pennsylvania

Inspection conducted: January 10 - 14, 1983

Date of Last Physical Security Inspection: November 29 - December 3, 1982

Type of Inspection: Routine, Unannounced Physical Protection

Inspectors: *G. Smith*
G. Smith, Physical Security Inspector

2/24/83
date signed

R. J. Bailey
R. Bailey, Physical Security Inspector

2/24/83
date signed

W. Kushner
W. Kushner, Safeguard Scientist

2/24/83
date signed

Approved by: *Anthony T. Gody*
Anthony T. Gody, Chief, Safeguards and
Fuel Facility Section, Nuclear Materials
and Safeguards Branch

2/24/83
date signed

Inspection Summary:

Routine, Unannounced Physical Protection Inspection on January 10-14, 1983
(Report No. 50-289/83-03)

Areas Inspected: Site Orientation; Security Plan and Implementing Procedures; Physical Barriers (Protected Area); Physical Barriers (Vital Areas); Security System Power Supply; Lighting; Assessment Aids; Access Control (Personnel); Access Control (Packages); Access Control (Vehicles); Detection Aids (Protected Area); Detection Aids (Vital Areas); Alarm Stations; Communications; Training and Qualification Plan and Security Contingency Plan. The inspection began during the day shift and involved 49 hours onsite by three NRC region based inspectors. One inspector hour was accomplished during other than day shift hours.

Results: The licensee was in compliance with NRC requirements for the areas inspected.

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DETAILS

1. Key Persons Contacted

- * H. D. Hukill, Director, TMI-1
- * P. G. Christman, Manager, Plant Administration, TMI-1
- * H. Masini, Manager, Security GPU
- * C. W. Smyth, Licensing Manager, TMI-1
- * J. F. Stacey, Supervisor, Security, TMI-1
- * S. R. Finicle, Group Supervisor, Technical Training
- * S. E. Moritz, Technical Training
- L. H. Thonus, NRC Resident Inspector

The inspector also interviewed other licensee personnel and members of the proprietary security force.

* denotes those present at the exit interview.

2. 30703 - Exit Interview

The inspector met with licensee representatives at the conclusion of the inspection on January 14, 1983. The purpose and scope of the inspection were reviewed and the findings presented.

3. 81114 - Site Orientation

No violations were noted. The inspectors conducted an orientation tour of the facility at the beginning of the inspection to become familiar with the areas that required closer inspection.

4. 81118 - Security Plan and Implementing Procedures

No violations were noted. The licensee's Security Plan and implementing procedures were adequate and appropriate to meet the general performance requirements and objectives of the governing regulations.

5. 81152 - Physical Barriers (Protected Area)

No violations were noted. The licensee maintained the physical barriers surrounding the protected area in accordance with the physical security plan. The barriers were adequate and appropriate for the intended function.

6. 81154 - Physical Barriers (Vital Areas)

No violations were noted. The licensee maintained the physical barriers surrounding the vital areas in accordance with the physical security plan. The barriers were adequate and appropriate for the intended function.

7. 81158 - Security System Power Supply

No violations were noted. The licensee maintained an adequate power supply system to provide emergency power to physical security equipment, in accordance with security plan commitments. The power supply system was maintained and tested at the required intervals.

8. 81162 - Lighting

No violations were noted. The licensee's lighting of the isolation zones and protected area met the minimum illumination requirement contained in the security plan and was appropriate for its intended function. The lighting was sufficient to monitor and observe persons and activities within the protected area and isolation zones via closed circuit television or direct visual surveillance for existence of a threat or unauthorized activities.

9. 81166 - Assessment Aids

No violations were noted. The assessment aids utilized by the licensee conformed to security plan requirements and were adequate and appropriate for their intended function.

10. 81170 - Access Control (Personnel)

No violations were noted. The licensee controlled personnel access to the protected area and vital areas in accordance with security plan requirements. Search equipment was adequate and appropriate for detection of firearms, explosives, and incendiary devices during searches of personnel entering the protected area.

11. 81172 - Access Control (Packages)

No violations were noted. The licensee controlled the entry of packages and material to the protected area in conformance with the physical security plan.

12. 81174 - Access Control (Vehicles)

No violations were noted. The licensee controlled access of vehicles to the protected area and vital areas in conformance with the security plan and regulatory requirements.

13. 81178 - Detection Aids (Protected Area)

No violations were noted. The perimeter intrusion alarm system detected penetration tests of the protected area and isolation zones, as required by the security plan.

THIS PARAGRAPH CONTAINS SAFEGUARDS INFORMATION
AND IS NOT FOR PUBLIC DISCLOSURE, IT IS INTENTIONALLY LEFT
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15. 81184 - Alarm Stations

No violations were noted. The onsite central and secondary alarm stations (CAS/SAS) established by the licensee were maintained in conformance with security plan requirements.

16. 81188 - Communications

No violations were noted. The internal and external communication links established by the licensee conformed to security plan requirements and were adequate and appropriate for their intended functions.

17. 81501 - Training and Qualification Plan

No violations were noted. The licensees' Training and Qualification Plan was adequate and appropriate to meet the general performance requirements and objectives for personnel selection, training, and qualification.

18. 81601 - Security Contingency Plan

No violations were noted. The licensee's Security Contingency Plan (SCP) was adequate and appropriate to meet the general performance requirements and objectives. The licensee's responses to contingencies were consistent with the responses detailed in the approved SCP and implementing procedures.