

U.S. NUCLEAR REGULATORY COMMISSION  
REGION I

Report No. 50-220/84-18

Docket No. 50-220

License No. DPR-63

Licensee: Niagara Mohawk Power Corporation  
300 Erie Boulevard West  
Syracuse, New York 13202

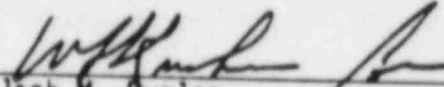
Facility Name: Nine Mile Point, Unit 1

Inspection At: Scriba, New York

Inspection Conducted: September 17-21, 1984

Date of Last Physical Protection Inspection: November 29 - December 2, 1983

Type of Inspection: Routine, Unannounced Physical Protection Inspection

Inspectors:   
Jack M. Dunlap  
Physical Security Inspector

11/29/84  
date

Approved by:   
Richard R. Keimig, Chief  
Safeguards Section

11/29/84  
date

Inspection Summary: Routine Unannounced Physical Protection Inspection  
on September 17-21, 1984 (Report No. 50-220/84-18)

Areas Inspected: Security Plan and Implementing Procedures; Management Effectiveness; Security Organization; Security Program Audit; Records and Reports; Testing and Maintenance; Locks, Keys, and Combinations; Physical Barriers - Protected Areas; Physical Barriers - Vital Areas; Security System Power Supply; Lighting; Assessment Aids; Access Control - Personnel/Packages/Vehicles; Detection Aids - Protected Areas; Detection Aids - Vital Areas; Alarm Stations; Communications; Personnel Training and Qualification - General Requirements; and Follow-Up on Previous Inspector Identified Items. The inspection was begun during regular hours and involved 30 inspector-hours onsite, which included two hours during non-regular hours, by one region-based NRC Inspector.

Results: The licensee was in compliance with NRC requirements, except in the following areas:

- Locks, Keys, and Combinations: Vital area keys were not properly controlled.
- Access Control - Personnel: Three picture identification badges were defaced or mutilated.

## DETAILS

### 1. Key Persons Contacted

R. F. Orr, Supervisor, Nuclear Security  
J. P. Beratta, Assistant Supervisor, Nuclear Security  
D. K. MacVittie, Supervisor of Training, Nuclear Security  
J. A. Dilk, Training Instructor  
M. W. Ferris, Nuclear Captain  
E. W. Pearson, Technical Assistant, Nuclear Security  
S. D. Hudson, Senior Resident Inspector, NRC

All of the above were present at the exit interview.

The inspector also interviewed other members of the licensee's security force and plant personnel.

### 2. Exit Interview

The inspector met with licensee representatives at the conclusion of the inspection on September 21, 1984. The purpose and scope of the inspection were reviewed and the findings presented. At no time during this inspection was written material provided to the licensee by the inspector.

### 3. 92701 - Follow-up on Previous Inspector Identified Items

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(Closed) Inspector Follow-up Item 50-220/84-03-04 - Failure to positively control picture identification badges of personnel on the refueling floor. The licensee issued a security directive requiring that picture identification badges be worn on the refueling floor and stated there has not been a recurrence of these badges left unattended in the airlock or in change areas. No unattended badges were found during this inspection.

(Closed) Inspector Follow-up Item 50-220/83-11-01 - Doors to the control room do not close properly. The licensee had adjusted closing devices on the doors to the control room; the doors were observed closing properly during this inspection.

### 4. 81018 - Security Plan and Implementing Procedures

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. 81020 - Management Effectiveness - Security Program

Management was effective and adequately discharging its responsibilities for the security program. There were written policies of the company issued to employees. Two additional security supervisory positions were established; the security organization now has its own technical maintenance staff, consisting of ten technicians; and an alarm station trainer was installed which strengthens the training and requalification of alarm station operators.

6. 81022 - Security Organization

The licensee's security management structure and chain of command were in conformance with the Security Plan. The licensee had a management system to provide for development, revision, implementation, and enforcement of physical protection procedures.

7. 81034 - Security Program Audit

The licensee audited the security program to ensure its continued effectiveness. The recommendations of the audit were promptly implemented.

8. 81038 - Records and Reports

The licensee's reports to the NRC were consistent with regulatory and security plan requirements. The records required to be retained for specified periods of time were complete, well maintained, and available for inspection at the site. The inspector also noted that a computerized print out of all security personnel was utilized to track all training and qualification requirements.

9. 81042 - Testing and Maintenance

The licensee's program for testing and maintenance of security equipment conformed to the requirements of the Security Plan. The testing and maintenance records revealed that security equipment was tested to ensure that it met regulatory general performance requirements and objectives.

10. 81046 - Locks, Keys, and Combinations

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11. 81052 - Physical Barriers - Protected Areas

The licensee maintained the physical barriers surrounding the protected area in accordance with the Security Plan. The barriers were adequate and appropriate for the intended function.

12. 81054 - Physical Barriers - Vital Areas

The licensee maintained the vital area physical barriers in accordance with the Security Plan. Barriers observed were of adequate construction and appropriate for the intended function.

13. 81058 - Security System Power Supply

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.

14. 81062 - Lighting

The 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 isolation zones and protected area via closed circuit television or direct visual surveillance.

15. 81066 - Assessment Aids

Assessment aids utilized by the licensee conformed to Security Plan requirements and were adequate and appropriate for their intended function.

16. 81070 - Access Control - Personnel

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17. 81072 - Access Control - Packages

The licensee controlled the entry of packages and material to the protected area in conformance with the Security Plan. The search equipment used was adequate and appropriate for the intended function.

18. 81074 - Access Control - Vehicles

The licensee controlled access of vehicles to the protected and vital areas in conformance with the Security Plan. Vehicles entering the protected area were searched and escorted when required.

19. 81078 - Detection Aids - Protected Areas

The perimeter intrusion alarm system was effective in detecting penetration tests of the protected area as required by the Security Plan.

20. 81080 - Detection Aids - Vital Areas

The licensee's intrusion detection system detected penetration tests of vital areas in accordance with the Security Plan.

21. 81084 - Alarm Stations

The onsite central and secondary alarm stations, established by the licensee, were maintained in conformance with Security Plan requirements.

22. 81088 - Communications

The internal and external communication links, established by the licensee, conformed to Security Plan requirements and were adequate and appropriate for their intended functions.