

U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 50-410/86-24

Docket No. 50-410

License No. CPPR-112

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

Facility Name: Nine Mile Point Unit #2

Inspection At: Scriba, New York

Inspection Conducted: May 12-16, 1986

Type of Inspection: Preoperational Physical Security Program Review

Date of Last Program Review: December 16-19, 1985

Inspectors:

R. R. Keimig
W. G. Martin, Physical Security Inspector

7-29-86
date

G. C. Smith
G. C. Smith, Security Specialist

7/29/86
date

Approved by:

R. R. Keimig
R. R. Keimig, Chief, Safeguards Section

7-29-86
date

Inspection Summary: Preoperational Security Program Review conducted on
May 12-16, 1986 (50-410/86-24)

Areas Reviewed: Status of Security Program in the areas of: Testing and Maintenance; Physical Barriers (Protected and Vital Areas); Security System Power Supply; Lighting; Assessment Aids; Access Control (Personnel, Packages and Vehicles); Detection Aids (Protected and Vital Areas); Alarm Stations; Communications; Security Contingency Plan; Licensee action on NRC Information Notices, Circulars and Bulletins and Inspector Follow-up Items.

Results: Implementation of the program was found to be on schedule.

8608040202 860730
PDR ADDCK 05000410
Q PDR



DETAILS

1. Persons Contacted

R. F. Orr, Supervisor, Nuclear Security
J. P. Beratta, Assistant Supervisor, Nuclear Security
D. K. MacVittie, Nuclear Security Specialist
E. W. Pearson, Technical Assistant, Nuclear Security
R. A. Gramm, USNRC, Senior Resident Inspector
T. S. Farrell, Stone and Webster Engineering Supt.

The inspectors also interviewed other licensee personnel including members of the proprietary security force.

2. 30703 Exit Interview

The inspectors met with the licensee personnel listed in Paragraph 1 at the conclusion of the review on May 16, 1986. At that time the findings of the review were presented.

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

3. 92701 Status of Inspector Follow-up Items

The following is a summary of the status of inspector follow-up items in the area of physical security as of this review (50-410/86-24). Items closed during this review are discussed in the body of this report.

<u>Item No.</u>	<u>Review Module</u>	<u>Status</u>
84-10-01	PS Plan and Implementing Procedures	Closed (85-48)
84-10-02	Security Organization	Closed (85-48)
84-10-03	Security Organization	Closed (85-48)
84-10-04	Security Organization	Closed (86-24)
84-10-05	Security Program Audit	Closed (86-24)
84-10-06	Records and Reports	Closed (86-24)
84-10-07	Testing and Maintenance	Closed (86-24)
84-10-08	Locks, Keys, and Combinations	Closed (85-48)
84-10-10	Physical Barriers (Protected Area)	Closed (86-24)
84-10-11	Physical Barriers (Vital Areas)	Open
84-10-12	Security System Power Supply	Closed (86-24)
84-10-13	Lighting	Closed (86-24)
84-10-14	Assessment Aids	Open
84-10-15	Access Control (Personnel)	Closed (86-24)
84-10-16	Access Control (Packages)	Closed (86-24)
84-10-17	Access Control (Vehicles)	Open
84-10-18	Detection Aids (Protected Area)	Closed (86-24)



84-10-19	Detection Aids (Vital Areas)	Open
84-10-21	Alarm Stations	Closed (86-24)
84-10-22	Training and Qualification Plan	Closed (85-38)
84-10-23	Security Contingency Plan	Closed (86-24)
84-10-24	Security Contingency Plan	Closed (86-24)
84-10-25	Independent Inspection	Closed (86-24)
	Effort-Action on NRC Bulletins, Circulars and Information Notices	

4. 81022 Security Organization (Management)

The inspectors' review of the security organization revealed a fully staffed management organization, including shift supervisors. The inspectors found that the security force has been fully trained, but was not armed at the time of the review. No discrepancies were identified.

Inspector Follow-up Item 50-410/84-10-02 is closed.

5. 81034 Security Program Audit

The licensee's Safety Review and Audit Board (SRAB) performed a comprehensive audit of the Nine Mile Point 2 security program on March 31 - April 4, 1986. Several recommendations for program enhancements, contained in the audit report, had been acted upon by the licensee. No discrepancies were identified.

Inspector Follow-up Item 50-410/84-10-05 is closed.

6. 81038 Records and Reports

The inspectors reviewed the record and report forms and implementing procedures that have been modified to combine the Unit 2 security equipment and facilities with the existing Unit 1 record and report system when the security at Units 1 and 2 are combined into a single program. The modifications are adequate and appropriate for their intended purpose. All records and reports reviewed by the inspectors were in accordance with the licensee's NRC-approved security plan.

Inspector Follow-up Item 50-410/84-10-06 is closed.

7. 81042 Testing and Maintenance

The inspectors noted that the licensee has established a dedicated security testing and maintenance section which is well staffed and responds promptly to security equipment problems based on priorities established by security management. This was confirmed by the inspectors through a review of records.

Inspector Follow-up Item 50-410/84-10-07 is closed.



8. 81052 Physical Barriers (Protected Area)

The inspectors observed that the licensee maintained the barrier surrounding the protected area in accordance with the NRC-approved security plan. The inspectors noted that the licensee has completed a survey of water drains and tunnels and had provided suitable barriers wherever required.

Inspector Follow-up Item 50-410/84-10-10 is closed.

9. 81054 Physical Barriers (Vital Areas)

The inspectors noted that, although the licensee had completed the vital area review, the installation of barriers at vital area penetrations was not yet complete.

Inspector Follow-up Item 50-410/84-10-11 remains open.

10. 81058 Security System Power Supply

The inspectors determined by a review of records that the licensee had conducted a simulated load test of the security system power supply at the rated load of security related equipment in October of 1985. The current load is approximately 40 percent of the rated capacity of the power supply system. The results of these tests indicated that the security system power supply is adequate.

Inspector Follow-up Item 50-410/84-10-12 and -25 are closed.

11. 81062 Lighting

The inspectors observed that the lighting in the isolation zones and protected area met the requirements of the NRC-approved security plan and was adequate for its intended function.

Inspector Follow-up Item 50-410/84-10-13 is closed.

12. 81066 Assessment Aids

The licensee had not yet completed work on the assessment system at the time of this review. The inspectors observed that the system does not fully cover all of the areas to be assessed, and that the licensee was reviewing the matter.

Inspector Follow-up Item 50-410/84-10-14 remains open.



/

13. 81070 Access Control (Personnel)

The inspectors observed that the licensee had an adequate access control and badging system and that all personnel entering the Protected Area were properly searched for unauthorized material. The search equipment was functioning properly during the review, is adequate and appropriate for its intended purpose, and conforms to the NRC-approved security plan.

Inspector Follow-up Item 50-410/84-10-15 is closed.

14. 81072 Access Control (Packages)

The inspectors observed the control of packages and material entering the Protected Area. Packages and material are examined using x-ray equipment and/or visually. The search equipment is adequate for its intended use, was functioning properly at the time of the review, and conforms to the NRC-approved security plan.

Inspector Follow-up Item 50-410/84-10-16 is closed.

15. 81074 Access Control (Vehicles)

The licensee had not yet completed its review of the vehicle entry port.

Inspector Follow-up Item 50-410/84-10-17 remains open.

16. 81078 Detection Aids (Protected Area)

The licensee, at the request of and under the direct observation of the inspectors, performed penetration testing of the intrusion detection system. The results of the testing were satisfactory.

Inspector Follow-up Item 50-410/84-10-18 is closed.

17. 81080 Detection Aids (Vital Areas)

Ongoing construction activities in the vital areas prevented the inspectors from conducting a complete review of vital area detection aids. This will be reviewed during a subsequent inspection.

Inspector Follow-up Item 50-410/84-10-19 remains open.

18. 81084 Alarm Stations

The inspectors observed that the combining of the Units 1 and 2 central alarm stations (CAS) into a single facility was complete. Both the CAS and the secondary alarm stations (which will also be combined in the future) were determined by the inspectors to be adequate for their intended purpose and in accordance with the licensee's NRC-approved security plan.



Inspector Follow-up Item 50-410/84-10-20 is closed.

19. 81088 Communications

The inspectors concluded from a review of the licensee's communications system that full site communications coverage was available. Telephones and/or paging capability were noted to be available in areas where radio communications were not possible. Communications capabilities are in accordance with the licensee's NRC-approved security plan.

Inspector Follow-up Item 50-410/84-10-21 is closed.

20. 81601 Security Contingency Plan

The inspectors reviewed documentation of ten contingency plan drills conducted by the licensee prior to this review. The inspectors also noted that the licensee established a separate security contingency control/command facility so as not to interfere with CAS operations during emergencies.

The inspectors reviewed the written procedures for the duties of operating, maintenance, security, and management personnel relative to their response to security related events. The inspectors determined the procedures to be adequate for their intended purpose.

Inspector Follow-up Items 50-410/84-10-23 and 50-410/84-10-24 are closed.

21. 92706 Independent Inspection Effort

The inspectors reviewed the licensee's actions relative to the one remaining IE Information Notice (85-28) not previously reviewed that pertained to physical security. Actions taken by the licensee were found to be adequate and appropriate (see paragraph 11). Inspector Follow-up Item 50-410/84-10-25 is closed.

Editorial Note

IE Information Notice 84-08 was erroneously listed in Region I Inspection Report No. 50-410/85-48, paragraph B, as IE Information Notice 85-08. It was closed in that report.

