

U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 50-263/92011(DRSS)

Docket No. 50-263

License No. DPR-22

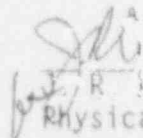
Licensee: Northern States Power Company  
414 Nicollet Mall  
Minneapolis, MN 55401

Facility Name: Monticello Nuclear Generating Station

Inspection At: Monticello Site, Monticello, Minnesota

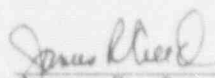
Inspection Conducted: July 6-10, 1992

Inspector:

  
J. R. Leley  
Physical Security Inspector

7/17/92  
Date

Approved By:

  
James R. Creed, Chief  
Safeguards Section

7/17/92  
Date

Inspection Summary

Inspection on July 6-10, 1992 (Report No. 50-263/92011(DRSS))

Areas Inspected: Routine, announced physical security inspection involving Management Support; Protected and Vital Area Barriers, Detection and Assessment Aids; Access Control-Personnel, Packages, and Vehicles; Alarm Stations and Communications; Power Supply; Testing, Maintenance and Compensatory Measures; and Training and Qualifications.

Results: The licensee was found to be in compliance with NRC requirements within the areas examined. One opening item was identified regarding Glaucoma testing for security officers.

Management attention to and involvement in security performance is good as demonstrated during the ongoing construction projects involving upgrades to the guard house and security computer replacement. There has been extensive prior planning and oversight involving these projects. Licensee resources are adequate and the Training and Qualification program is effective. A Firearms Training System (FATS) was purchased and will be utilized as a training aid for the Monticello security force. Security personnel observed were knowledgeable of their duties and responsibilities. Tested security equipment performed as required.

## DETAILS

### 1. Key Persons Contacted

In addition to the key members of the licensee's staff listed below, the inspector interviewed other licensee employees and members of the security organization. The asterisk (\*) denotes those present at the Exit Interview conducted on July 10, 1992.

- \*D. Antony, General Manager, Monticello Plant
- \*R. Brevig, Superintendent Security and Emergency Preparedness, Monticello Plant
- E. Girzi, Security Engineer, Monticello Plant
- B. Anderson, Security Administrator, Monticello Plant
- \*L. Taufen, Site Access Coordinator, Monticello Plant
- \*B. Schnetzler, Site Security Manager, Burns International Security Services, Inc. (BISSI)
- \*J. Kutin, Supervisor Personnel Security, Corporate
- \*D. Blakesley, Security Shift Supervisor, Monticello Plant
- \*S. Ray, Senior Resident Inspector, NRC Region III
- \*W. Stearns, Resident Inspector, NRC Region III

### 2. Entrance and Exit Interviews

- a. At the beginning of the inspection, Mr. D. Antony, General Manager, Monticello Plant and other members of his staff were informed of the purpose of the visit and the functional areas to be examined.
- b. The inspector met with the licensee representatives denoted in Section 1 at the conclusion of the inspection on July 10, 1992. A general description of the scope of the inspection was provided. Briefly listed below are the findings discussed during this exit interview.
  - (1) The licen. was informed of and acknowledged the inspector's comments that no violations were identified during this inspection, but that one open item regarding Glaucoma testing for security officers was identified (Refer to Section 4a).
  - (2) The inspector commented that the security program is well implemented and well managed and that security program requirements are being adequately implemented.
  - (3) The inspector noted the licensee's proposed upgrades to their guardhouse and security computer replacement.
  - (4) The inspector commented that the contract security force members questioned and observed during this inspection were knowledgeable and proficient in their assigned duties.

- (5) The inspector noted the licensee's purchase of a Firearms Training System (FATS) as a training aid for the security force (Refer to Section 4b).

3. Program Areas Inspected

Listed below are the core inspection areas which were examined by the inspector within the scope of these inspection activities in which no violations, deviations, unresolved or open items were identified. These areas were reviewed and evaluated as deemed necessary by the inspector to meet the specified "Inspection Requirements" (Section 02) of NRC Inspection Manual Inspection Procedure 81700 as applicable to the security plan. Sampling reviews included interviews, observations, testing of equipment, documentation review and, at times, drills or exercises that provided independent verification of meeting security commitments. The depth and scope of activities were conducted as deemed appropriate and necessary for the program area and operational status of the security system.

<u>Number</u>	<u>Program Area and Inspection Requirements Reviewed</u>
81700	<u>Physical Security Program for Power Reactors</u> <ul style="list-style-type: none"><li>a. <u>Management Support:</u> (02.01a) Degree of Management Support; (02.01b) Change to Security Plans Properly Reported and Do Not Reduce Security Effectiveness; (02.01c) Program and Corrective Action System for Annual Audits; Qualifications and Independence of Auditors.</li><li>b. <u>Protected and Vital Area Barriers:</u> (02.02a) PA and VA Barriers Meet Commitments and Provided Required Penetration Resistance; (02.02b) Isolation Zones Adequately Maintained; (02.02d) Assessment Aids Functional and Effective and Meet Commitments.</li><li>c. <u>Access Control-Personnel, Packages, and Vehicles:</u> (02.03a) Positive Access Control to include: Proper Identification; Adequate Search Upon Entering PA; Badges Displayed; Visitors Escorted; Emergency Access to Vital Equipment; VA Access is Duty Related; (02.03b) Packages Searched and Properly Authorized; Controls for Containment Access; (02.03c) Vehicles Properly Authorized Searched, and Controlled; Access to Vehicle Gates Controlled.</li><li>d. <u>Alarm Stations and Communications:</u> (02.04a) Alarm Stations Adequately Equipped with Alarm, Surveillance, and Communications; Continuously Manned and Independent Functioning Capability; (02.04b) No CAS Interfering Operational Activities; (02.04c) Alarm</li></ul>

Stations Have Continuous Communication Capability with Guards and LLEA.

- e. Power Supply: (02.05a) Secondary Power Source for Alarm and Communication System; (02.05b) Emergency Ingress and Egress During Loss of Power.
- f. Testing, Maintenance and Compensatory Measures: (02.06a) Adequate Installation, Testing and Maintenance of Security Equipment; (02.06b) Compensatory Measures Implemented and Effective.
- g. Training and Qualification: (02.07a) Officers Trained, Equipped, and Qualified; (02.07b) Officers Possess Adequate Knowledge and Ability to Perform Duties; (02.07d) Required Armed Response and Supervisors Available.

4. Physical Security Program for Power Reactor (IP 81700):

- a. One open item regarding glaucoma testing for security officers was identified and is discussed below.

10 CFR 73, Appendix B under employment suitability and qualification states in part, that glaucoma is disqualifying, unless controlled by acceptable medical or surgical means.

Section 1.2.1.3 of the licensee's Training and Qualification Plan states in part, that glaucoma is disqualifying unless controlled.

The inspector determined through interviews and record review that although vision requirements identified in Appendix B of 10 CFR Part 73 are being met, the potential exists that an individual could have glaucoma and this eye disease may not be detected because no glaucoma testing was being performed.

Interviews with the medical provider and security personnel showed that medical personnel only asked the individuals if they have glaucoma. Security contractor management personnel were under the impression that security personnel were tested for glaucoma.

Once identified, the licensee and contract security management issued a letter to the medical provider requiring glaucoma testing for all security officers to determine if the officer has glaucoma. They will also be revising their medical form to more clearly acknowledge that glaucoma testing has been done. The licensee stated that they will begin testing for glaucoma during individual annual physical examinations which occur during the officer's anniversary month. This item will be reviewed during a future inspection (50-263/92011-01).

- b. The inspector identified that in addition to the required Appendix B Firearms Training, the licensee has purchased a new training aid.

The Monticello Firearms Training System (FATS) was purchased to be utilized as a training aid for the Monticello security force. The FATS System is a computerized laser training system that projects life-size images of various "Shoot/Don't Shoot" scenarios. The system also provides range target training and instinct shooting courses. The system can be equipped with a variety of weaponry.

The system also has the capabilities of presenting on-screen scoring of scenario results, hardcopy printout and storage of trainee results, immediate marking of the bullet "holes", a multitude of software programs and scenarios and playback of the scenario indicating the trainee's accuracy. This system is designed to improve the decision making capabilities of the security personnel regarding the use of "Deadly Force".

The inspector noted that the FATS training exceeds their security plan commitments and regulatory requirements and could improve their contingency response capabilities and defensive strategies used to respond to an external threat.