



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

JUL 8 1977

Docket No. 50-263/77-11

Northern States Power Company
ATTN: Mr. Leo Wachter
Vice President
Power Production and
System Operation
414 Nicollet Mall
Minneapolis, MN 55401

Gentlemen:

This refers to the inspection conducted by Dr. M. J. Oestmann of this office on June 7-10, 1977, of activities at the Monticello Nuclear Generating Plant authorized by NRC Provisional Operating License No. DPR-22 and to the discussion of our findings with Mr. L. Eliason and others of your staff at the conclusion of the inspection.

The enclosed copy of our inspection report identifies areas examined during the inspection. Within these areas, the inspection consisted of a selective examination of procedures and representative records, observations, and interviews with personnel.

The inspector also examined actions you have taken with respect to matters identified in your letter dated December 7, 1976. We have no further questions regarding these matters.

No items of noncompliance with NRC requirements were identified during the course of this inspection.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC's Public Document Room, except as follows. If this report contains information that you or your contractors believe to be proprietary, you must apply in writing to this office, within twenty days of your receipt of this letter, to withhold such information from public disclosure. The

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Northern States Power
Company

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application must include a full statement of the reasons for which the information is considered proprietary, and should be prepared so that proprietary information identified in the application is contained in an enclosure to the application.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

James M. Allan, Chief
Fuel Facility and
Materials Safety Branch

Enclosure: IE Inspection Rpt
No. 50-263/77-11

cc w/encl:
L. R. Eliason, Plant
Manager
Central Files
Reproduction Unit NRC 20b
PDR
Local PDR
NSIC
TIC
Anthony Roisman, Esq.,
Attorney

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BURNAME	Oestmann/lb	Pagliari	Allan	Choules		
DATE	6/30/77					

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION III

Report No. 50-263/77-11

Docket No. 50-263

License No. DPR-22

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

Facility Name: Monticello Nuclear Generating Plant

Inspection at: Monticello Site and Vicinity, Monticello, MN

Inspection conducted: June 7-10, 1977

Inspector: *M. J. Oestmann*
M. J. Oestmann

7/1/77

date signed

Approved by: *J. A. Pagliaro*
J. A. Pagliaro, Chief
Environmental and Special
Projects Section

7/6/77

date signed

Inspection Summary

Inspection on June 7-10, 1977 (Report No. 50-263/77-11)

Areas Inspected: Routine, unannounced inspection of emergency planning, including certain aspects of licensee internal audits; licensee coordination with offsite support agencies; emergency facilities, equipment, instrumentation, and supplies specified in emergency plan and implementing procedures; training of emergency personnel; emergency plan and implementing procedures; licensee records of emergency drills; examination of actions taken from previous emergency plan and environmental protection inspections. The inspection involved 31 inspector-hours onsite by one NRC inspector.

Results: No apparent items of noncompliance or deviations were identified.

DETAILS

1. Persons Contacted

Principal Licensee Employees

Mr. E. C. Ward, Manager, Nuclear Environmental Services, Nuclear Support Services (NSS)
Mr. B. W. Clark, Administrator, Radiation Environmental Sciences, NSS
Mr. W. Frederick, Assistant Administrator, Regulatory Activities, Environmental-Governmental Activities Department (EGAD)
Mr. A. Benkusky, General Manager, EGAD
*Mr. L. Eliason, Plant Manager, Monticello
*Mr. M. Clarity, Superintendent, Plant Engineering and Radiation Protection, Monticello
*Mr. F. Fey, Radiation Protection Engineer, Monticello

The inspector also interviewed eight other licensee employees during the course of the inspection. They included chemistry staff, HP technicians, members of the security force, and general office personnel.

*denotes those present at the exit interview.

Other Personnel

Ms. A. Dolezal, Acting Chief, Radiation Control Section, Minnesota Department of Health
Mr. W. Lane, Director, Division of Emergency Services, Minnesota Department of Public Safety
Mr. A. Goliias, Sergeant, District 2500, Minnesota State Patrol, Golden Valley
Mr. B. Olson, Sergeant, District 2500, Minnesota State Patrol, Golden Valley
Mr. A. Chandler, Area Maintenance Chief, Department of Highways, Golden Valley
Mr. N. H. Gerlach, Sherburne County, Sheriff's Office, Elk River
Ms. D. Dvoracek, Sherburne County, Sheriff's Office, Elk River
Mr. P. Jacobs, Sherburne County, Sheriff's Office, Elk River
Mr. D. Wolf, Sheriff, Wright County, Buffalo
Mr. H. Geary, Director, Civil Defense, Wright County, Buffalo
Mr. D. Pitt, Director, Civil Defense, Monticello

Mr. R. Wolfsetter, Assistant City Administrator, Monticello
Mr. J. Albaugh, Administrator, Monticello-Big Lake Community
Hospital
Ms. R. Beklo, R.N., Chief of Nursing, Monticello-Big Lake Community
Hospital
Mr. and Mrs. J. Cook, Big Lake Ambulance Service, Big Lake
Mr. A. Baert, Director, Region VI, Division of Emergency Services,
St. Cloud
Mr. W. J. Kosel, Captain, District 2600, Minnesota State Patrol,
St. Cloud
Mr. T. Yoerg, Area Maintenance Chief, Department of Highways,
St. Cloud
Mr. G. Liefert, President, Fire Department, Monticello
Mr. R. Skoog, Chief, Fire Department, Big Lake

2. Licensee Action on Previously Identified Inspection Findings

(Closed) Unresolved Item (263/77-02): Incomplete analytical results provided by the licensee for the radiological environmental monitoring program for 1976. The inspector reviewed records and reports and interviewed licensee representatives to assure the intended analyses of radiological environmental samples had been completed in 1976. Based upon this review, this item is considered resolved.

(Closed) Unresolved Items (263/76-17): Three findings identified during the emergency drill in October 1976 needed resolution. The inspector reviewed records and reports of drills and other documentation and interviewed licensee representatives to assure that corrective actions identified in a letter dated December 7, 1976, had been taken. Based upon this review, these items are considered resolved.

3. Licensee's Internal Audit

The inspector questioned licensee representatives regarding the conduct of any internal audits during 1976 and 1977 which may have included emergency plans or implementing procedures. The inspector reviewed reports of four audits conducted during this period, one of which covered changes to the emergency plan and another discussed a technical specification change deleting the requirement for the Safety Audit Committee to review implementing procedures. Another audit report indicated that the licensee had taken corrective action for items identified during the emergency drill in October 1976. The inspector determined that corrective actions had been accomplished on those items from the drill.

4. Emergency Plan

This inspection included examination of the Monticello Nuclear Generating Plant Emergency Plan (MPEP) with the approved changes through November 10, 1975. A licensee representative acknowledged the need to update certain sections, particularly the need to update the telephone directory on a more frequent basis and distribute the necessary changes to the holders of the emergency plan. The licensee intends to update the emergency plan within the two year schedule in accordance with the emergency plan requirements. This item will be examined during a subsequent inspection.

No items of noncompliance or deviations have been identified.

5. Coordination with Offsite Agencies

The inspector reviewed records, procedures and eleven written agreements relating to the licensee's coordination of emergency planning with the offsite support agencies and the individuals listed in the emergency plan and procedures. The inspector discussed the subject with licensee representatives including the need for timely renewal of letters of agreement with offsite support agencies. The inspector also visited with persons of 15 offsite agencies - Minnesota Department of Health, Minnesota Department of Highways, State Patrol, Sherburne and Wright Counties Sheriffs' Offices, Minnesota City Offices, Monticello, Wright County and Regional Offices of Emergency Services, Big Lake-Monticello Community Hospital, Big Lake and Monticello Fire Departments, and Big Lake Ambulance Service. These discussions verified that the existing agreements between the licensee and the agencies and persons remain in effect, and that the licensees contact and coordination were adequate for these agencies to maintain an effective response capability.

No items of noncompliance or deviations were identified.

6. Facilities and Equipment

The inspector examined facilities, equipment, and instrumentation to verify that items specified in the emergency plan and procedures were available for use and maintained in an operable state. The inspection included examination of emergency equipment kits in seven specified locations; emergency control center and associated equipment; eight items of emergency communications equipment; radioactive release monitoring and meteorological instruments;

first-aid/decontamination facilities, both onsite and at the local hospital; and emergency transportation for injured/contaminated persons. The inspector noted that one of the Scott Air Paks at each of the two evacuation assembly points was out for repair for a period of eight months during 1976. The licensee was queried regarding this matter and explained that additional Scott Air Paks had since been purchased in order for the licensee to comply with new fire regulations. The inspector also examined six Scott Air Paks and determined that they were in good order.

The inspector also observed during the visit with the City of Monticello office, that the licensee had provided radio equipment with an aerial for communication between the city and the plant.

No items of noncompliance or deviations were identified.

7. Calibration, Inspection, and Maintenance of the Emergency Equipment and Supplies

The inspector reviewed and evaluated the adequacy of procedures and schedules established by the licensee for calibrating, maintaining and inspecting the emergency response equipment listed in the emergency plan and procedures. The inspector reviewed the 1976 inventory records for the licensee's inspection and maintenance of emergency equipment and also checked the calibration of selected instrumentation during an inspection of the emergency equipment at three locations in the plant and two locations offsite. The inspection revealed that with the exception of the first-aid supplies, these items had been maintained, calibrated and inspected as required by existing procedures and schedules.

The inspector found that the first-aid supply kits No. 24 in the Shift Supervisor's office and in the Cold Chemistry Laboratory, which is immediately outside the access control room, had several items missing. There were five items missing from the Shift Supervisors first-aid kit and twelve items missing from the first-aid kit in the Cold Chemistry Laboratory. When queried by the inspector, the licensee representative was unaware who was responsible for keeping the first-aid kits filled with the items listed in the kits. This matter is considered unresolved.

8. Training

The inspector reviewed training - related documentation and procedures to verify that the training required by the emergency plan and implementing procedures had been conducted. Training on

emergency procedures is offered in an indoctrination course to new employees within 30 days of employment. The inspector examined selected records which indicated that each experienced employee also received retraining on emergency procedures during 1976. The licensee presented an emergency coordinators training course during 1976.

A coordination meeting was held with representatives from offsite support agencies during September 1976. There were also 28 members of the local fire department that toured the reactor site in April 1977; eight members of the ambulance service received emergency radiation training in September 1976; and 52 personnel from the local hospital received hospital emergency procedures training in September 1976.

No items of noncompliance or deviations were identified.

9. Emergency Drills and Tests

The inspector reviewed records of the emergency drills and test exercises conducted for 1976 and 1977. Of three drills conducted since 1976, one involved evaluating the response of guards during off shift hours and communications checks with offsite agencies; the second involved a general emergency type drill including participation by offsite support agencies; and the third included evacuation training, fire fighting experience, and communication checks with offsite agencies. The inspector observed the second drill which was described in a previous emergency planning inspection.

The inspector determined that the licensee used qualified personnel to evaluate the organization's response. A critique was held after the drill, during which discussions highlighted possibilities for improvement. Appropriate actions have been completed to correct any areas needing improvement.

No items of noncompliance or deviations were identified.

10. Unresolved Items

Unresolved items are matters about which more information is required in order to ascertain whether they are acceptable items, items of noncompliance, or deviations. An unresolved item disclosed during the inspection is discussed in Paragraph 7.

11. Exit Interview

The inspector met with licensee representatives (denoted in Paragraph 1) at the conclusion of the inspection on June 10, 1977. The inspector summarized the purpose and the scope of the inspection in the findings. With regard to the unresolved item mentioned in Paragraph 7. The licensee representatives said they would look into the matter of stocking and maintaining the first-aid kits.