

Docket No. 50-263

June 29, 1993

Mr. Roger O. Anderson, Director
Licensing and Management Issues
Northern States Power Company
414 Nicollet Mall
Minneapolis, Minnesota 55401

Dear Mr. Anderson:

SUBJECT: MONTICELLO NUCLEAR GENERATING PLANT - AMENDMENT NO. 85 TO FACILITY
OPERATING LICENSE NO. DPR-22 (TAC NO. M85014)

The Commission has issued the enclosed Amendment No. 85 to Facility Operating License No. DPR-22 for the Monticello Nuclear Generating Plant. The amendment consists of changes to the Technical Specifications (TS) in response to your application dated December 31, 1992.

The amendment revises Technical Specification Surveillance Requirement 4.13.B.1.e, "Fire Suppression Water System," by changing the American Society for Testing and Materials (ASTM) standards which are to be followed when performing required sampling and analysis of the diesel fire pump fuel oil supply.

A copy of our related Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

Original signed by

Robert B. Samworth, Project Manager
Project Directorate III-1
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 85 to DPR-22
2. Safety Evaluation

cc w/enclosures:
See next page

OFFICE	LA:PD31	PM:PD31	EMCB	OGC	(A)D:PD31
NAME	CJamerson <i>ms for</i>	RSamworth: jkd	JStrosnider	A. Jorgensen	WDean
DATE	6/19/93	6/18/93	6/10/93	6/17/93	6/29/93

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Mr. Roger O. Anderson, Director
Northern States Power Company

Monticello Nuclear Generating Plant

cc:

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Site General Manager
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Monticello, Minnesota 55362

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Minnesota Pollution Control Agency
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Commissioner of Health
Minnesota Department of Health
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Kris Sanda, Commissioner
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DATED: June 29, 1993

AMENDMENT NO. 85 TO FACILITY OPERATING LICENSE NO. DPR-22-MONTICELLO

Docket File
NRC & Local PDRs
PDIII-1 Reading
Monticello Plant File
J. Roe
J. Zwolinski
W. Dean
C. Jamerson
R. Samworth
OGC-WF
D. Hagan, 3302 MNBB
G. Hill (2), P-137
Wanda Jones, MNBB-7103
C. Grimes, 11/F/23
J. Strosnider 7/D/4
K. Parczewski 7/D/4
ACRS (10)
GPA/PA
OC/LFMB
W. Shafer, R-III

cc: Plant Service list



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

NORTHERN STATES POWER COMPANY

DOCKET NO. 50-263

MONTICELLO NUCLEAR GENERATING PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 85
License No. DPR-22

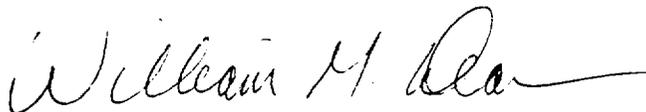
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Northern States Power Company (the licensee) dated December 31, 1992, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.2 of Facility Operating License No. DPR-22 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 85 , are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



William M. Dean, Acting Director
Project Directorate III-1
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: June 29, 1993

ATTACHMENT TO LICENSE AMENDMENT NO. 85

FACILITY OPERATING LICENSE NO. DPR-22

DOCKET NO. 50-263

Revise Appendix A Technical Specifications by removing the pages identified below and inserting the attached pages. The revised pages are identified by amendment number and contain vertical lines indicating the areas of change.

REMOVE

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INSERT

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3.0 LIMITING CONDITIONS FOR OPERATION

- 2. It is permissible to have one of the pumps required by Specification 3.13.B.1.a inoperable provided that the redundant pumps are operable. Restore the inoperable pump to operable status within seven days or provide a special report to the Commission within 30 days outlining the plans and procedures to be used to provide for the loss of redundancy in the Fire Suppression Water system.
- 3. With the fire suppression water system otherwise inoperable.
 - a. Establish a backup fire Suppression Water System within 24 hours.
 - b. Provide a special report to the Commission within 14 days outlining the actions taken and the plans and schedule for restoring the system to operable status.

4.0 SURVEILLANCE REQUIREMENTS

- e. Every three months verify that a sample of fuel from the diesel oil storage tank, obtained in accordance with ASTM D4057-88, is within the acceptable limits specified in Table 1 of ASTM D975-91 when checked for viscosity, water, and sediment.
- f. Every 18 months subject the diesel-driven fire pump engine to an inspection in accordance with procedures prepared in conjunction with the manufacturer's recommendations for this class of standby service.
- g. A simulated automatic actuation of each fire pump and the screen wash/fire pump, including verification of pump capability, shall be conducted every 18 months.
- h. The yard main and the reactor building and turbine building headers shall be flushed every 12 months.
- i. System flow tests shall be performed every three years.
- j. Valves in flow paths supplying fire suppression water to safety related structures, systems, and component shall be cycled every 12 months.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 85 TO FACILITY OPERATING LICENSE NO. DPR-22

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATING PLANT

DOCKET NO. 50-263

1.0 INTRODUCTION

By letter dated December 31, 1992, the Northern States Power Company (NSP, the licensee) requested an amendment to the Technical Specifications appended to Facility Operating License No. DPR-22 for the Monticello Nuclear Generating Plant. The proposed amendment would revise Technical Specification Surveillance Requirement 4.13.B.1.e, "Fire Suppression Water System," by changing the American Society for Testing and Materials (ASTM) standards which are to be followed when performing required sampling and analysis of the diesel fire pump fuel oil supply.

The current technical specifications require that a sample of the fuel oil be obtained in accordance with ASTM D270-65, "Sampling of Petroleum and Petroleum Products." This would be revised such that the sample will be obtained in accordance with ASTM D4057-88, "Manual Sampling of Petroleum and Petroleum Products." Further, the surveillance requirement would be revised to reflect a later edition of the ASTM standard for testing. The current specification requires verification that the fuel oil is within limits specified in ASTM D975-74, "Standard Specification for Diesel Fuel Oils." This would be revised to check the oil against ASTM D975-91. (The two digits appended to the standard designation indicate the year in which the revision of the standard was promulgated.)

2.0 EVALUATION

Because they are outdated, the ASTM standards identified in the current technical specifications are no longer preferred for use. The standard for sampling (ASTM D270-65, "Sampling of Petroleum and Petroleum Products") was withdrawn by ASTM in 1983 and was replaced by ASTM D4057, "Manual Sampling of Petroleum and Petroleum Products." The licensee finds that the new standard allows the use of sampling methods better suited to the small fuel oil storage tanks in use at Monticello. The standard for analysis (ASTM D975-74, "Standard Specification for Diesel Fuel Oils") has undergone several revisions since 1974. The proposed amendment would identify the latest revision, issued in 1991.

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The new standards have been designated by ASTM to replace the ASTM standards identified in the current technical specifications. The new standards will provide an equivalent level of assurance of diesel fire pump fuel oil quality. NRC finds sampling and analysis of the fuel oil in accordance with approved standards to be acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Minnesota State Official was notified of the proposed issuance of the amendment. The State Official had no comments.

4.0 ENVIRONMENTAL CONSIDERATION

The amendment changes a Surveillance Requirement. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration and there has been no public comment on such finding (58 FR 25861). Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

5.0 CONCLUSION

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: R.B. Samworth, PDIII-1

Date: June 29, 1993