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Docket No. 50-263

Northern States Power Company  
ATTN: Mr. L. O. Mayer, Manager  
Nuclear Support Services  
414 Nicollet Mall - 8th Floor  
Minneapolis, Minnesota 55401

Gentlemen:

In response to your request dated May 5, 1977, the Commission has issued the enclosed Amendment No. 28 to Provisional Operating License No. DPR-22 for the Monticello Nuclear Generating Plant.

The amendment consists of changes to the Technical Specifications to incorporate minimum qualifications for the Radiation Protection supervisor, in response to the NRC letter of March 15, 1977. The remaining changes to page 192 which you requested are being reviewed as part of a separate action and will be resolved at a later date.

Copies of the related Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

Don K. Davis, Acting Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

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Enclosures:

- 1. Amendment No. 28 to License No. DPR-22
- 2. Safety Evaluation
- 3. Notice

cc w/enclosures:  
See next page

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| SURNAME | RPSnaider:ro | JMcGough | S.H.Lew | DKDavis    |  |
| DATE    | 5/25/77      | 9/27/77  | 6/7/77  | 1/1        |  |

Northern States Power Company

- 2 -

cc w/enclosures:

Gerald Charnoff, Esquire  
Shaw, Pittman, Potts and  
Trowbridge  
1800 M Street, N. W.  
Washington, D. C. 20036

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Vice President - Law  
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Office of City Planner  
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Executive Director  
Minnesota Pollution Control Agency  
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Roseville, Minnesota 55113

Anthony Z. Roisman, Esquire  
Roisman, Kessler and Cashdan  
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Washington, D. C. 20005

The Environmental Conservation Library  
Minneapolis Public Library  
300 Nicollet Mall  
Minneapolis, Minnesota 55401

Chief, Energy Systems  
Analyses Branch (AW-459)  
Office of Radiation Programs  
U. S. Environmental Protection  
Agency  
Room 645, East Tower  
401 M Street, S. W.  
Washington, D. C. 20460

U. S. Environmental Protection  
Agency  
Federal Activities Branch  
Region V Office  
ATTN: EIS COORDINATOR  
230 South Dearborn Street  
Chicago, Illinois 60604

Mr. D. S. Douglas, Auditor  
Wright County Board of Commissioners  
Buffalo, Minnesota 55313

cc w/enclosures and cy of NSPCo  
filing dtd. 5/5/77:  
State Department of Health  
ATTN: Secretary & Executive Officer  
University Campus  
Minneapolis, Minnesota 55440

NORTHERN STATES POWER COMPANY

DOCKET NO. 50-263

MONTICELLO NUCLEAR GENERATING PLANT

AMENDMENT TO PROVISIONAL OPERATING LICENSE

Amendment No. 28  
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 May 6, 1977, 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.

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2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the Attachment to this license amendment and Paragraph 3.B of Provisional Operating License No. DPR-22 is hereby amended to read as follows:

3.B Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. , 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 its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Don K. Davis, Acting Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance:

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ATTACHMENT TO LICENSE AMENDMENT NO. 28

PROVISIONAL OPERATING LICENSE NO. DPR-22

DOCKET NO. 50-263

Replace page 192 of the Technical Specifications contained in Appendix A of the above-indicated license with the attached page 192. The changed area on the revised page is reflected by a marginal line.

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## 6.0 ADMINISTRATIVE CONTROLS

### 6.1 Organization

- A. The Plant Manager has the overall full-time onsite responsibility for safe operation of the facility. During periods when the Plant Manager is unavailable, he may delegate this responsibility to other qualified supervisory personnel.
- B. The Northern States Power corporate organizational structure relating to the operation of this plant is shown in Figure 6.1.1.
- C. The minimum functional organization for operation of the plant shall be as shown in Figure 6.1.2. The minimum shift complement for special plant conditions shall be as follows:
  1. The unit shutdown and the reactor contains fuel: a Licensed Senior Operator on site; a Licensed Operator in the control room; and a plant operator on site.
  2. During cold startup, while shutting down the reactor and during recovery from any reactor trip: a Licensed Senior Operator in the plant and a minimum of two Licensed Operators in the control room.
  3. Fuel handling operations: a Licensed Senior Operator shall be directly in charge of any refueling operation, alteration of the reactor core, and handling of irradiated fuel and shall have no other concurrent duties.
  4. Any fuel on site: an individual qualified in radiation protection shall be on site at all times that there is fuel on site.
- D. Minimum qualifications, training, replacement training and retraining of plant personnel shall be in accordance with that stated in the "Standard for Selection and Training of Personnel for Nuclear Power Plants" ANSI N18.1-1971. The Radiation Protection supervisor shall meet the minimum qualifications in Regulatory Guide 1.8, September, 1975. The minimum frequency of the retraining program shall be every two years. The training program shall be under the direction of a designated member of the plant staff.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 28 TO PROVISIONAL OPERATING LICENSE NO. DPR-22

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATING PLANT

DOCKET NO. 50-263

INTRODUCTION

By letter dated March 15, 1977, we notified Northern States Power Company (NSP) that the Technical Specifications for the Monticello Nuclear Generating Plant should be modified to require that the individual performing the function of Radiation Protection supervisor meet the minimum qualifications of Regulatory Guide 1.8, September 1975. NSP replied to this letter by their letter dated May 5, 1977, in which the aforementioned technical specification change was requested.

DISCUSSION AND EVALUATION

Regulatory Guide 1.8, Revision 1, September 1975, Section D, states in part: "...if the RPM [Radiation Protection Manager] at an existing nuclear power station reassigned or the incumbent is replaced, the new manager should have qualifications equivalent to this guide." The Regulatory Requirements Review Committee, in its 27th meeting on May 2, 1976, endorsed this position and suggested that existing technical specifications in use at operating facilities be amended to reflect the applicability of these qualification guidelines.

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By letter dated May 5, 1977, NSP submitted a proposed change to the Monticello Technical Specifications to incorporate the requirement that the individual performing the function of Radiation Protection supervisor meet the minimum qualification requirements of Regulatory Guide 1.8, September 1975. Because these proposed requirements are more stringent than the present technical specification requirements (ANSI N18.1 - 1971), and because adherence to these proposed requirements would assure that the position is and will be filled by a well-qualified and experienced professional, we find that the proposed change is acceptable.

The remainder of NSP's proposed changes on page 192 (which were previously requested as part of NSP letter dated January 31, 1977), are being reviewed separately and shall be resolved at a later date.

ENVIRONMENTAL CONSIDERATION

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4) that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: \_\_\_\_\_



UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-263

NORTHERN STATES POWER COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO PROVISIONAL  
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 10 to Provisional Operating License No. DPR-22, issued to Northern States Power Company (the licensee), which revised Technical Specifications for operation of the Monticello Nuclear Generating Plant (the facility) located in Wright County, Minnesota. The amendment is effective as of its date of issuance.

The amendment modified the existing Monticello Technical Specifications to incorporate minimum qualifications for the Radiation Protection supervisor, in response to the NRC letter of March 15, 1977. The minimum qualifications are more stringent than those of the previous specification and are those set forth in Regulatory Guide 1.8 - "Personnel Selection and Training".

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

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The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated May 5, 1977, (2) Amendment No. to License No. DPR-22, and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at The Environmental Conservation Library, Minneapolis Public Library, 300 Nicollet Mall, Minneapolis, Minnesota 55401. A single copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland, this

FOR THE NUCLEAR REGULATORY COMMISSION

Don K. Davis, Acting Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

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