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Docket No. 50-263

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

Gentlemen:

In response to a portion of your request dated April 1, 1975, the Commission has issued the enclosed Amendment No. 17 to Provisional Operating License No. DPR-22 for the Monticello Nuclear Generating Plant. The amendment consists of changes to the Technical Specifications to be consistent with a recent NSP reorganization and to clarify the organization and role of the Safety Audit Committee (SAC).

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

The item in your request dated April 1, 1975, relating to the facility's Standby Gas Treatment System will be considered at a later date.

Sincerely,

Original signed by  
 Dennis L. Ziemann

Dennis L. Ziemann, Chief  
 Operating Reactors Branch #2  
 Division of Operating Reactors

Enclosures:

1. Amendment No. 17 to DPR-22
2. Safety Evaluation
3. Federal Register Notice

cc w/enclosures:  
 See next page

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SURNAME →	<i>RMDiggs</i>	RPSnaider:ah	<i>SH Lewis</i>	DLZiemann		
DATE →	3/19/76	3/10/76	<i>3/15/76</i>	3/16/76		

MAR 16 1976

cc w/enclosures:

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Minneapolis, Minnesota 55401

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

cc w/enclosures and cy of NSPCo  
filing dtd. 4/1/75:

Warren H. Lawson, M. D.  
Secretary and Executive Officer  
State Department of Health  
University Campus  
Minneapolis, Minnesota 55440

NORTHERN STATES POWER COMPANY

DOCKET NO. 50-263

MONTICELLO NUCLEAR GENERATING PLANT

AMENDMENT TO PROVISIONAL OPERATING LICENSE

Amendment No. 17  
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 April 1, 1975, 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. An environmental statement or negative declaration need not be prepared in connection with the issuance of this amendment.
2. Accordingly, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment.
3. The license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

**Original signed by**  
**Dennis L. Ziemann**

Dennis L. Ziemann, Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

Attachment.					
OFFICE →	Changes to the Technical Specifications				
SURNAME →	Date of Issuance: MAR 16 1976				
DATE →					

ATTACHMENT TO LICENSE AMENDMENT NO. 17

PROVISIONAL OPERATING LICENSE NO. DPR-22

DOCKET NO. 50-263

Replace existing pages 193 through 198 of the Technical Specifications with attached revised pages bearing the same numbers. Changes on these pages are denoted by marginal lines.

OFFICE >						
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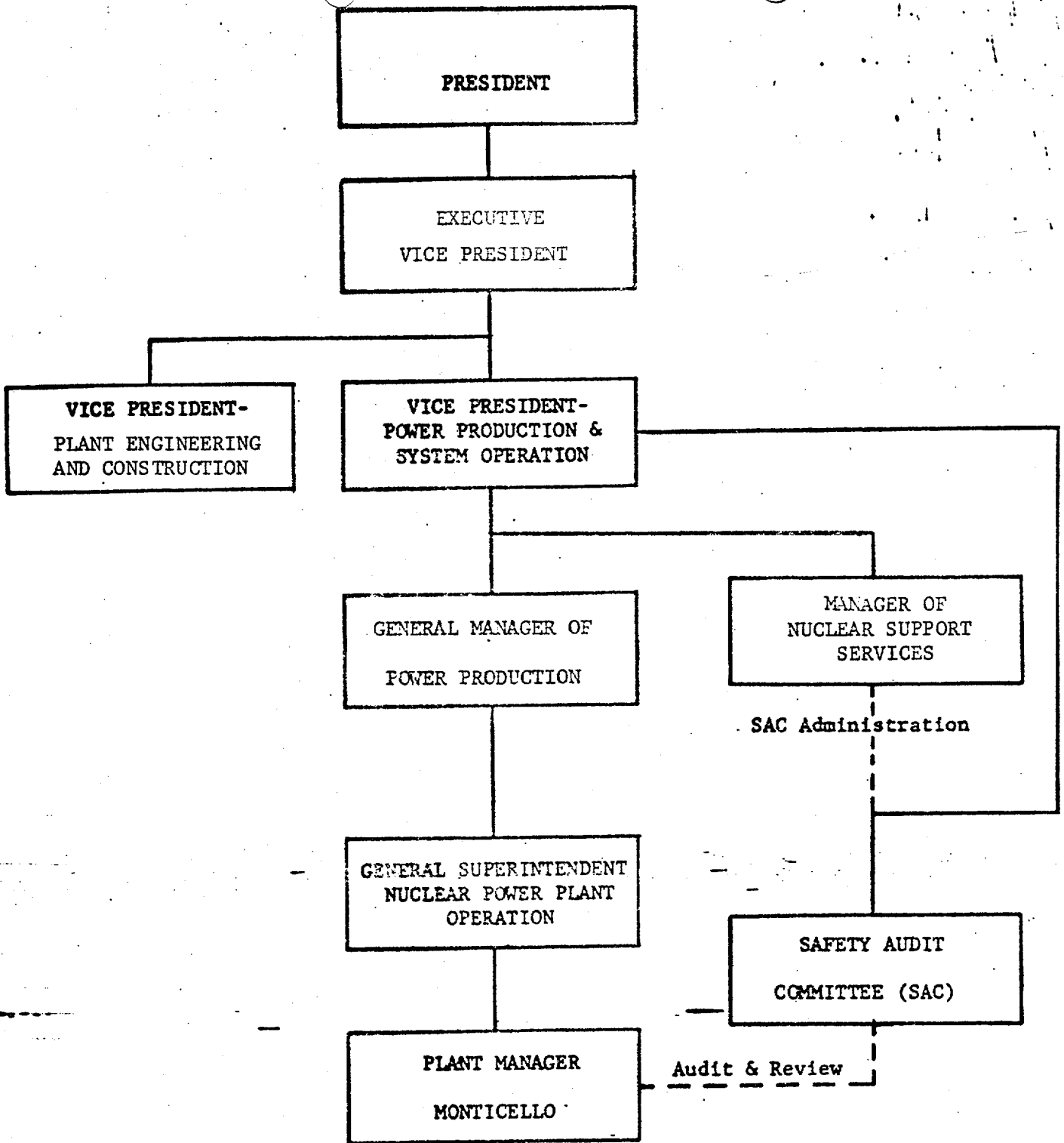
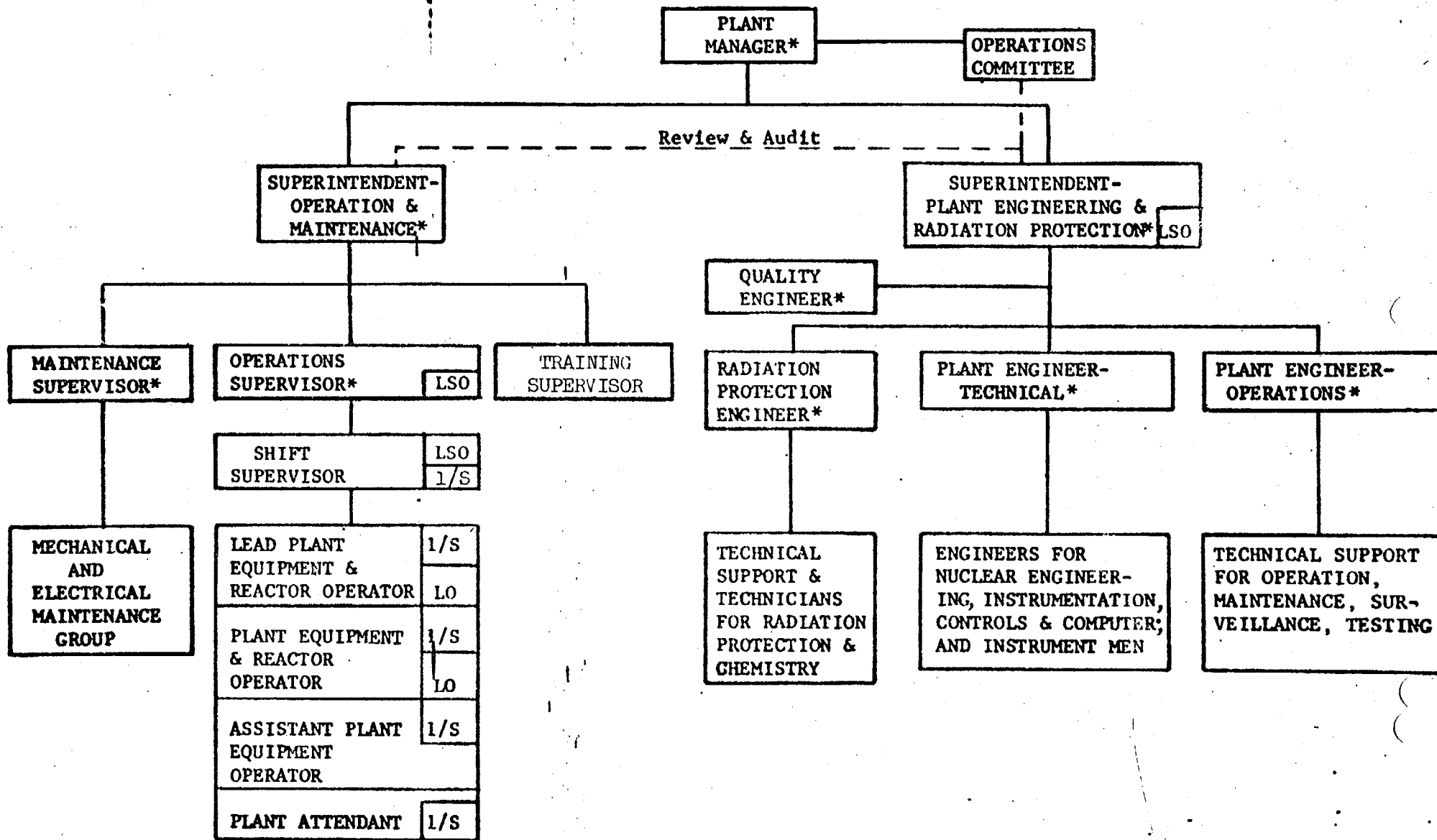


FIGURE 6.1.1

NSP CORPORATE ORGANIZATIONAL  
RELATIONSHIP TO ON-SITE OPERATING ORGANIZATION



CODE: \* - Key Supervisor  
 1/S - one/shift  
 LO - Licensed Operator  
 LSO - Licensed Senior Operator

MONTICELLO NUCLEAR GENERATING PLANT  
 Functional Organization For  
 On-Site Operating Group

FIGURE 6.1.2

## 6.2 Review and Audit

Organizational units for the review and audit of facility operations shall be constituted and have the responsibilities and authorities outlined below:

### A. Safety Audit Committee (SAC)

The Safety Audit Committee provides the independent review of plant operations from a nuclear safety standpoint. Audits of plant operation are conducted under the cognizance of the SAC.

#### 1. Membership

- a. The SAC shall consist of at least five (5) persons.
- b. The SAC Chairman shall be an NSP management representative appointed by the Vice President - Power Production & System Operation. Other SAC members shall be appointed by the Vice President - Power Production & System Operation or by such other person as he may designate. The Chairman shall appoint a Vice Chairman from the SAC membership to act in his absence.
- c. No more than two members of the SAC shall be from groups holding line responsibility for operation of the plant.
- d. A SAC member may appoint an alternate to serve in his absence, with concurrence of the Chairman. No more than one alternate shall serve on the SAC at any one time. The alternate member shall have voting rights.

#### 2. Qualifications

- a. The SAC members should collectively have the capability required to review activities in the following areas: nuclear power plant operations, nuclear engineering, chemistry and radiochemistry, metallurgy, instrumentation and control, radiological safety, mechanical and electrical engineering, quality assurance practices, and other appropriate fields associated with the unique characteristics of the nuclear power plant.

- b. When the nature of a particular problem dictates, special consultants will be utilized, as necessary, to provide expert advice to the SAC.

### 3. Meeting Frequency

The SAC shall meet on call by the Chairman but not less frequently than twice a year.

### 4. Quorum

- a. No less than a majority of the permanent members or their alternates, including the SAC Chairman or Vice Chairman.
- b. No more than a minority of the quorum shall be from groups holding line responsibility for the operation of the plant.

### 5. Responsibilities - The following subjects should be reported to or reviewed by the SAC:

- a. Written safety evaluations of (1) changes in the facility, (2) changes to procedures, and (3) tests or experiments completed without prior AEC approval under the provisions of 10 CFR 50.59 to verify that such changes, tests or experiments did not involve a change in the Appendix A Technical Specifications or an unreviewed safety question as defined in 10 CFR 50.59.
- b. Proposed changes to procedures, changes in the facility, and tests and experiments which may involve a change in the Appendix A technical specifications or an unreviewed safety question as defined in 10 CFR 50.59. Matters of this kind shall be referred to the SAC following their review by the onsite operating organization.
- c. Proposed changes in Appendix A Technical Specifications or proposed license amendments relating to nuclear safety.
- d. Violations of applicable codes, regulations, orders, Appendix A Technical Specifications, and license requirements or internal procedures or instructions having nuclear safety significance.
- e. Significant operating abnormalities or deviations from normal and expected performance of plant safety-related structures, systems, or components.



- f. Investigation of all events which are required by regulation or technical specifications to be reported to NRC in writing within 24 hours.
  - g. The Facility Emergency Plan and the Facility Security Plan.
  - h. Operations Committee minutes to determine if matters considered by that Committee involve unreviewed or unresolved safety questions.
  - i. Other nuclear safety matters referred to the SAC by the Operations Committee, plant management or company management.
  - j. All recognized indications of an unanticipated deficiency in some aspect of design or operation of safety-related structures, systems, or components.
6. Audit - The operation of the nuclear power plant shall be audited formally under the cognizance of the SAC to assure safe facility operation.
- a. Audits of selected aspects of plant operation, as delineated in Paragraph 4.4 of ANSI N18.7-1972, shall be performed with a frequency commensurate with their nuclear safety significance and in a manner to assure that an audit of all nuclear safety-related activities is completed within a period of two years. The audits shall be performed in accordance with appropriate written instructions and procedures.
  - b. Periodic review of the audit program should be performed by the SAC at least twice a year to assure its adequacy.
  - c. Written reports of the audits shall be reviewed by the Vice President - Power Production & System Operation, by the SAC at a scheduled meeting, and by members of management having responsibility in the areas audited.

## 7. Authority

The SAC shall be advisory to the Vice President - Power Production & System Operation.

## 8. Records

Minutes shall be prepared and retained for all scheduled meetings of the Safety Audit Committee. The minutes shall be distributed to the Vice President - Power Production & System Operation, the General Superintendent of Nuclear Power Plant Operation, each member of the SAC and others designated by the Chairman or Vice Chairman within one month of the meeting. There shall be a formal approval of the minutes.

9. Procedures

A written charter for the SAC shall be prepared that contains:

- a. Subjects within the purview of the group.
- b. Responsibility and authority of the group.
- c. Mechanisms for convening meetings.
- d. Provisions for use of specialists or subgroups.
- e. Authority to obtain access to the nuclear power plant operating record files and operating personnel when assigned audit functions.
- f. Requirements for distribution of reports and minutes prepared by the group to others in the NSP organization.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 17 TO PROVISIONAL OPERATING LICENSE NO. DPR-22

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATING PLANT

DOCKET NO. 50-263

INTRODUCTION

By letter dated April 1, 1975, Northern States Power Company requested changes to the Technical Specifications appended to Provisional Operating License No. DPR-22 for the Monticello Nuclear Generating Plant. The proposed changes involve the areas relating to the Standby Gas Treatment System (SGTS) and Administrative Controls. This evaluation concerns only the Administrative Controls Section. The SGTS will be evaluated at a later date. The proposed changes in the Administrative Controls, Section 6, of the Technical Specifications would:

1. Revise the Monticello Nuclear Generating Plant and Northern States Power Company corporate office organizations.
2. Provide for alternate members for the Safety Audit Committee (SAC).
3. Clarify the qualifications, responsibilities, and procedures of the SAC.

DISCUSSION AND EVALUATION

The change to the Monticello Nuclear Generating Plant Organization would consist of the addition of the position of Training Supervisor, who will report to the Superintendent - Operation and Maintenance. The Training Supervisor is responsible for conducting the Monticello Operator Requalification Program. We have concluded that the addition of this position will strengthen the organization and therefore is satisfactory.

Proposed changes to the NSP Management Organization include:

1. The replacement of the Group Vice-President - Power Supply by the Executive Vice-President. The original NSP Organization included three Group Vice-Presidents. In an effort to consolidate and provide

more effective functional division of organization responsibilities, two Executive Vice-Presidents, one for internal operations and one for external operations, were named to replace the three Group Vice-Presidents. The Executive Vice-President for Internal Operations is the officer depicted on Figure 6.1.1. We have concluded that such consolidation of the organization will not weaken the effectiveness of the organization with respect to nuclear safety and is therefore acceptable.

2. The title of Vice-President - Engineering has been changed to Vice-President - Plant Engineering and Construction to more accurately reflect his responsibilities within the new organization. The original position of Vice-President - Engineering included all engineering and construction functions. This change confines the engineering and construction responsibilities of the position to plant-oriented tasks. Responsibility for transmission lines and substations have been transferred to another position. We have concluded that this delineation of responsibility as reflected in the title change is acceptable.
3. The title Director of Nuclear Support Services has been changed to that of Manager of Nuclear Support Services. The lines of communication have been altered such that the Manager of Nuclear Support Services and the Safety Audit Committee now report directly to the Vice-President - Power Production and System Operation rather than the Executive Vice-President (formerly Group Vice-President).

The change in position title from Director to Manager of Nuclear Support Services is only a change in title and carries no change in responsibilities. The changes in lines of communication for the Manager of Nuclear Support Services and Safety Audit Committee reflect NSP's desires to consolidate the organization in such a manner that the Vice-President - Power Production and System Operation shall maintain direct cognizance of all nuclear and fossil activities. The NRC staff feels that this strengthens the NSP organization by providing direct communication to one individual who is responsible for all nuclear matters, thus effectively shortening the chain of command. The change is therefore acceptable.

4. The former title Manager of Power Production has been changed to General Manager of Power Production. The responsibilities of this position include management of operation and maintenance for all fossil and nuclear generating plants. The NRC staff has concluded that the change of title to more accurately reflect the amount of responsibility is acceptable.

NSP requested a Technical Specification change which would, in part, add alternate members to the Safety Audit Committee (SAC) with the concurrence of the SAC Chairman. No more than one alternate would be allowed to serve on the SAC at any time. The requisite qualifications of SAC members were modified to delete the minimum educational requirements. These changes are in compliance with the latest regulatory guidance and are therefore acceptable.

The SAC responsibilities have been modified to conform with the latest regulatory guidance. Items which were covered elsewhere were deleted. The responsibilities of the SAC have not been modified, therefore the proposed changes are acceptable.

The audit functions would be changed to delete specific plant aspects for audits. Instead, reference is made to the applicable guideline, ANSI N18.7-1972. The change would not modify the responsibility of the SAC, therefore it is considered acceptable.

#### 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 statement, negative declaration, or environmental 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 changes do not involve a significant increase in the probability or consequences of accidents previously considered and do not involve a significant decrease in a safety margin, the changes do 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: MAR 16 1976

UNITED STATES NUCLEAR REGULATORY COMMISSION

LOCKET NO. 50-265

NORTHERN STATES POWER COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO  
PROVISIONAL OPERATING LICENSE

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 17 to Provisional Operating License No. DPR-22, issued to the 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.

This amendment revised the Administrative Controls Section of the Technical Specifications for the facility to reflect changes in the organizational structure of the corporate headquarters and of the facility. The amendment also clarified the intent of the specification concerning the review process of the Safety Audit Committee.

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 is 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 statement, negative declaration or 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 April 1, 1975, (2) Amendment No. 17 to License No. DPR-32, and (3) the Commission's concurrently issued 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 copy of items (2) and (3) may be obtained upon request addressed to the United States Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland, this *16th day of March, 1976.*

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by  
Dennis L. Ziemann

Dennis L. Ziemann, Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

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SURNAME ➤	<i>RMDiggs</i>	<i>RPSnaider</i>	<i>SM Lewis</i>	<i>DLZiemann</i>	
DATE ➤	<i>3/9/76</i>	<i>3/10/76</i>	<i>3/15/76</i>	<i>3/16/76</i>	