



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

July 11, 2000

Mr. Michael D. Wadley, President  
NSP Nuclear Generation  
Northern States Power Company  
414 Nicollet Mall  
Minneapolis, MN 55401

SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2 -  
ISSUANCE OF AMENDMENTS RE: ADMINISTRATIVE CHANGES TO LICENSE  
CONDITION (TAC NOS. MA5080 AND MA5081)

Dear Mr. Wadley:

The Commission has issued the enclosed Amendment No. 150 to Facility Operating License No. DPR-42 and Amendment No. 141 to Facility Operating License No. DPR-60 for the Prairie Island Nuclear Generating Plant (PINGP), Units 1 and 2, respectively. The amendments consist of changes to the Operating Licenses in response to your application dated March 19, 1999.

The amendments revise paragraph 2.C.(4) of the Operating Licenses related to the fire protection program at PINGP, Units 1 and 2. Specifically, the proposed amendments would (1) remove reference to two NRC safety evaluation reports (SEs) that are no longer applicable to the fire protection program at PINGP and (2) correct the date of one SE.

A copy of our related safety evaluation is also enclosed. The Notice of Issuance will be included in the Commission's biweekly *Federal Register* notice.

Sincerely,

Tae Kim, Senior Project Manager, Section 1  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-282 and 50-306

Enclosures: 1. Amendment No. 150 to DPR-42  
2. Amendment No. 141 to DPR-60  
3. Safety Evaluation

cc w/encls: See next page

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Northern States Power Company  
414 Nicollet Mall  
Minneapolis, MN 55401

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The amendments revise paragraph 2.C.(4) of the Operating Licenses related to the fire protection program at PINGP, Units 1 and 2. Specifically, the proposed amendments would (1) remove reference to two NRC safety evaluation reports (SEs) that are no longer applicable to the fire protection program at PINGP and (2) correct the date of one SE.

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/RA/

Tae Kim, Senior Project Manager, Section 1  
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3. Safety Evaluation

cc w/encls: See next page

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DATE	6/20/00	6/19/00	6/26/00	6/27/00	7/3/00

DOCUMENT NAME: G:\PDIII-1\PRAIRIE\AMDMA5080.wpd

OFFICIAL RECORD COPY

Prairie Island Nuclear Generating Plant,  
Units 1 and 2

cc:

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Washington, DC 20037

Plant Manager  
Prairie Island Nuclear Generating Plant  
Northern States Power Company  
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Commissioner  
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Site Licensing  
Prairie Island Nuclear Generating Plant  
Northern States Power Company  
1717 Wakonade Drive East  
Welch, MN 55089

Tribal Council  
Prairie Island Indian Community  
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5636 Sturgeon Lake Road  
Welch, MN 55089

Site General Manager  
Prairie Island Nuclear Generating Plant  
Northern States Power Company  
1717 Wakonade Drive East  
Welch, MN 55089



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

NORTHERN STATES POWER COMPANY

DOCKET NO. 50-282

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 150  
License No. DPR-42

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Northern States Power Company (the licensee) dated March 19, 1999, 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 Operating License is amended as indicated in the attachment to this license amendment.
3. This license amendment is effective as of the date of issuance and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, appearing to read "Claudia M. Craig, for".

Claudia M. Craig, Chief, Section 1  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Attachment: Changes to the Operating License

Date of Issuance: July 11, 2000

ATTACHMENT TO LICENSE AMENDMENT NO.150

FACILITY OPERATING LICENSE NO. DPR-42

DOCKET NO. 50-282

Replace the following page of Operating License No. DPR-42 with the attached revised page. The revised page is identified by amendment number and contains a marginal line indicating the area of change.

REMOVE

Page 4

INSERT

Page 4

(3) Physical Protection

The licensee shall fully implement and maintain in effect all provisions of the Commission-approved physical security, guard training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The plans, which contain Safeguards Information protected under 10 CFR 73.21, are entitled: "Prairie Island Nuclear Generating Plant Physical Security Plan," with revisions submitted through November 30, 1987; "Prairie Island Nuclear Generating Plant Guard Training and Qualification Plan," with revisions submitted through February 26, 1986; and "Prairie Island Nuclear Generating Plant Safeguards Contingency Plan," with revisions submitted through August 20, 1980. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedule set forth therein.

(4) Fire Protection

Northern States Power Company shall implement and maintain in effect all provisions of the approved fire protection program as described and referenced in the Updated Safety Analysis Report for the Prairie Island Nuclear Generating Plant, Units 1 and 2, and as approved in Safety Evaluation Reports dated February 14, 1978, September 6, 1979, April 21, 1980, December 29, 1980, July 28, 1981, October 27, 1989, and October 6, 1995, subject to the following provision:

The licensee may make changes to the approved Fire Protection Program without prior approval of the Commission only if those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.



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

NORTHERN STATES POWER COMPANY

DOCKET NO. 50-306

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 141  
License No. DPR-60

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Northern States Power Company (the licensee) dated March 19, 1999, 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 Operating License is amended as indicated in the attachment to this license amendment.
3. This license amendment is effective as of the date of issuance and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "Claudia M. Craig, for".

Claudia M. Craig, Chief, Section 1  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Attachment: Changes to the Operating License

Date of Issuance: July 11, 2000

ATTACHMENT TO LICENSE AMENDMENT NO.141

FACILITY OPERATING LICENSE NO. DPR-60

DOCKET NO. 50-306

Replace the following page of Facility Operating License No. DPR-60 with the attached revised page. The revised page is identified by amendment number and contains a marginal line indicating the area of change.

REMOVE

Page 4

INSERT

Page 4

(3) Physical Protection--continued

1987; "Prairie Island Nuclear Generating Plant Guard Training and Qualification Plan," with revisions submitted through February 26, 1986; and "Prairie Island Nuclear Generating Plant Safeguards Contingency Plan," with revisions submitted through August 20, 1980. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedule set forth therein.

(4) Fire Protection

Northern States Power Company shall implement and maintain in effect all provisions of the approved fire protection program as described and referenced in the Updated Safety Analysis Report for the Prairie Island Nuclear Generating Plant, Units 1 and 2, and as approved in Safety Evaluation Reports dated February 14, 1978, September 6, 1979, April 21, 1980, December 29, 1980, July 28, 1981, October 27, 1989, and October 6, 1995, subject to the following provision:

The licensee may make changes to the approved Fire Protection Program without prior approval of the Commission only if those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 150 TO FACILITY OPERATING LICENSE NO. DPR-42

AND AMENDMENT NO. 141 TO FACILITY OPERATING LICENSE NO. DPR-60

NORTHERN STATES POWER COMPANY

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2

DOCKET NOS. 50-282 AND 50-306

1.0 INTRODUCTION

By application dated March 19, 1999, Northern States Power Company (NSP or the licensee) requested changes to Facility Operating Licenses Nos. DPR-42 and DPR-60 for the Prairie Island Nuclear Generating Plant (PINGP), Units 1 and 2. The proposed changes would revise paragraph 2.C.(4) of the Operating Licenses related to the fire protection program at PINGP, Units 1 and 2. Specifically, the proposed amendments would (1) remove reference to two NRC safety evaluation reports (SEs) that are no longer applicable to the fire protection program at PINGP and (2) correct the date of one SE.

In previously issued Amendment Nos. 120 and 113, dated October 6, 1995, for PINGP, Units 1 and 2, respectively, paragraph 2.C.(4) of the Operating Licenses was modified to include, by reference, NRC SEs associated with the fire protection program at PINGP. Amendments Nos. 120 and 113 also revised Technical Specification (TS) Section 3.14, "Fire Protection and Detection Systems - Limiting Conditions for Operation," TS Section 4.16, "Fire Detection and Protection Systems - Surveillances," TS Sections 6.1 and 6.2, "Administrative Controls," in order to relocate the fire protection program elements from the TSs and incorporate, by reference, the NRC-approved fire protection program and major commitments, including the fire hazards analysis, into the Updated Safety Analysis Report. These changes were made in accordance with the guidance provided in Generic Letter (GL) 86-10, "Implementation of Fire Protection Requirements," and GL 88-12, "Removal of Fire Protection Requirements from Technical Specifications."

Paragraph 2.C.(4) of each Operating License for PINGP currently lists SEs dated February 14, 1978, September 6, 1979, April 4, 1980, December 29, 1980, July 28, 1981, September 12, 1984, June 25, 1985, October 27, 1989, and October 6, 1995, as the SEs that are associated with NRC approval of the fire protection program at PINGP. In its application dated March 19, 1999, the licensee stated that it has conducted a review of licensing basis documents associated with the fire protection program, including the SEs issued on the fire protection program. Based on this review, the licensee has requested that references to an SE dated September 12, 1984, and an SE dated June 25, 1985, be removed from paragraph 2.C.(4), since neither SE contains substantive licensing basis information relative to the fire protection program, and thus has no bearing on the approved fire protection program.

The SE dated September 12, 1984, is associated with a license amendment that merely fixed a number of typographical errors; these included changing "Hydant" to "Hydrant" and changing "house" to "House." The SE dated June 25, 1985, is associated with a license amendment that changed only certain reporting requirements in order to make them consistent with GL 83-43.

The licensee also requested to correct the date of an SE that currently appears in paragraph 2.C.(4) as April 4, 1980, to April 21, 1980, since the licensee's review of the licensing basis documents indicates April 21, 1980, is the correct date.

## 2.0 EVALUATION

These amendments remove reference to the SEs dated September 12, 1984, and June 25, 1985, from paragraph 2.C.(4) of the Facility Operating Licenses DPR-42 and DPR-60. The amendments also correct a typographical error in a date for an SE listed as a reference in paragraph 2.C.(4). The date for this SE is changed from April 4, 1980, to April 21, 1980.

Based on its review of the licensee's submittal dated March 19, 1999, and SEs dated September 12, 1984, June 25, 1985, April 21, 1985, and October 6, 1995, the staff has concluded that changing the date of a referenced SE to correct a typographical error is acceptable, since it is an administrative change that corrects a typographical error that was introduced in Amendment Nos. 120 and 113. The staff has also concluded that removal of reference to the SEs dated September 12, 1984, and June 25, 1985, from paragraph 2.C.(4) of the Operating Licenses is acceptable, since neither SE has any bearing on the approved fire protection program at PINGP. The remaining references in paragraph 2.C.(4), including SEs dated February 14, 1978, September 6, 1979, April 4, 1980, December 29, 1980, July 28, 1981, October 27, 1989, and October 6, 1995, represent the initial SE and associated supplements documenting staff review and approval of the fire protection program at PINGP. The elements of both GL 86-10 and GL 88-12, as discussed in the staff's SE dated October 6, 1995, remain unaffected by this change.

## 3.0 STATE CONSULTATION

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

## 4.0 ENVIRONMENTAL CONSIDERATION

The amendments change a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The NRC staff has determined that the amendments involve 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 amendments involve no significant hazards consideration and there has been no public comment on such finding

(65 FR 25001). Accordingly, the amendments meet 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 amendments.

## 5.0 CONCLUSION

The Commission 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 amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: T. Kim

Date: July 11, 2000