

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-263

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. 14 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 revises the provisions in the Technical Specifications for the facility to authorize operation (1) with additional 8 x 8 fuel assemblies, (2) using modified operating limits based upon an evaluation of emergency core cooling system performance calculated in accordance with an acceptable evaluation model that conforms to the requirements of Section 50.46 of 10 CFR Part 50 of the Commission's regulations, and (3) using operating limits based on the General Electric Thermal Analysis Basis (GETAB).

The applications for the amendment comply 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. Notice of Proposed Issuance of Amendment to Facility Operating License in connection with items (1) and (2) above was published

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in the FEDERAL REGISTER on September 3, 1975 (40 F.R. 40592) and Notice of Proposed Issuance of Amendment to Facility Operating License in connection with item (3) above was published in the FEDERAL REGISTER on April 27, 1975 (40-F.R. 18049). No request for a hearing or petition for leave to intervene was filed following notices of the proposed action.

For further details with respect to this action, see (1) the applications for amendment dated March 12, 1975 and August 4, 1975 and supportive filings related thereto dated August 20, 1974, July 9, 1975, July 10 and 24, 1975, and September 16, 1975, (2) Amendment No. 14 to License No. DPR-22, with Change No. 22, (3) the Commission's concurrently issued related Safety Evaluation, and (4) the Commission's Negative Declaration dated October 23, 1975 (which is also being published in the FEDERAL REGISTER), and the associated Environmental Impact Appraisal. 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), (3) and (4) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Reactor Licensing.

Dated at Bethesda, Maryland, this **OCT 30 1975**

FOR THE NUCLEAR REGULATORY COMMISSION

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

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NEGATIVE DECLARATION  
REGARDING PROPOSED CHANGES TO THE  
TECHNICAL SPECIFICATIONS OF LICENSE DPR-22  
MONTICELLO UNIT 1  
DOCKET NO. 50-263

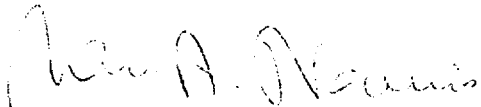
The Nuclear Regulatory Commission (the Commission) has considered the issuance of changes to the Technical Specifications of Provisional Operating License No. DPR-22. These changes would authorize the Northern States Power Company (the licensee) to operate Monticello Nuclear Generating Plant, Unit 1 (located in Wright County, Minnesota) with changes to the limiting conditions for operation resulting from application of the Acceptance Criteria for Emergency Core Cooling System (ECCS). This change is being made in conjunction with core changeout Number 5 and refueling with 8 x 8 fuel.

The U. S. Nuclear Regulatory Commission, Division of Reactor Licensing, has prepared an environmental impact appraisal for the proposed changes to the Technical Specifications of License No. DPR-22, Monticello, Unit 1, referred to above. On the basis of this appraisal, the Commission has concluded that an environmental impact statement for the particular action is not warranted because there will be no environmental impact attributable to the proposed action other than that which has already been predicted and described in the Commission's Final Environmental Statement for Monticello, Unit 1, issued in November 1972. The environmental impact appraisal is 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 of Minnesota, 300 Nicollet  
Mall, Minneapolis, Minnesota.

Dated at Rockville, Maryland, this ~~23rd~~ day of October, 1975.

FOR THE NUCLEAR REGULATORY COMMISSION



Jan A. Norris, Acting Chief  
Environmental Projects Branch 4  
Division of Reactor Licensing

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

ENVIRONMENTAL IMPACT APPRAISAL BY THE DIVISION OF REACTOR LICENSING

SUPPORTING AMENDMENT NO. 14 TO DPR-22

CHANGE NO. 22 TO THE TECHNICAL SPECIFICATIONS

NORTHERN STATES POWER COMPANY

MONTICELLO UNIT 1

ENVIRONMENTAL IMPACT APPRAISAL

1. Description of Proposed Action

By letters dated July 9, 1975 and August 4, 1975, Northern States Power Company submitted proposed changes to the Technical Specifications Appendix A to License DPR-22. The proposed changes resulted from the application of the Acceptance Criteria for Emergency Core Cooling System (ECCS) in conjunction with core changeout number 5 and refueling with 8 x 8 fuel.

Northern States Power Company is presently licensed to operate Monticello, Unit 1, located in the State of Minnesota, Wright County, at power levels up to 1670 megawatt thermal (Mwt). The proposed change to incorporate the ECCS Acceptance Criteria in conjunction with the core reload will not result in any change in authorized full power level of the unit. Although restrictions on heat generation rates might require careful control of fuel operating history, there should be no reduction of total burnup resulting from application of the revised ECCS evaluation methods.

2. Environmental Impacts of Proposed Action

Potential environmental impacts associated with the proposed action are those which might be associated with incorporation of the ECCS Acceptance Criteria and utilization of new nuclear fuel for this facility.

It is particularly noted that, in the absence of any significant change in power levels, there will be no change in cooling water requirements and consequently no increase in environmental impact from radioactive effluents and thermal effluents for normal operating or post-accident conditions, which in turn could not lead to significant increases in radiation doses or thermal stress to the public or to biota in the environment.

For normal operating conditions, no environmental impact other than as described in the Commission's Final Environmental Statement (FES) for Monticello, Unit 1, Docket No. 50-263, dated November 1972, can be predicted for the proposed action. The Commission's calculated releases of radioactive effluents, both gaseous and liquid, are based on expected release rates to the environment and are quantified on the basis of the total quantity of nuclear fuel within the reactor. The estimates of radionuclides and release rates will not be affected by the proposed action, and since the total quantity of nuclear fuel is unchanged, no increase in the calculated release of radioactive effluents is predicted. Consequently, no increases in radiation doses to man or other biota are predicted.

3. Conclusion and Basis for Negative Declaration

On the basis of the foregoing analysis, it is concluded that there will be no environmental impact attributable to the proposed action other than that already predicted and described in the Commission's FES for Monticello Nuclear Generating Plant, Unit 1. Having made this conclusion, the Commission has further concluded that no environmental impact statement for the proposed action need be prepared and that a negative declaration to that effect is appropriate.

Date: October 23, 1975

in the FEDERAL REGISTER on September 3, 1975 (40 F.R. 40592) and Notice of Proposed Issuance of Amendment to Facility Operating License in connection with item (3) above was published in the FEDERAL REGISTER on April 27, 1975 (40 F.R. 18049). No request for a hearing or petition for leave to intervene was filed following notices of the proposed actions.

For further details with respect to this action, see (1) the applications for amendment dated March 12, 1975 and August 4, 1975 and supportive filings related thereto dated August 20, 1974, July 9, 1975, July 10 and 24, 1975, and September 16, 1975, (2) Amendment No. 14 to License No. DPR-22, with Change No. 22, (3) the Commission's concurrently issued related Safety Evaluation, and (4) the Commission's Negative Declaration dated October 23, 1975 (which is also being published in the FEDERAL REGISTER), and the associated Environmental Impact Appraisal. 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.

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Dated at Bethesda, Maryland, this **OCT 30 1975**

FOR THE NUCLEAR REGULATORY COMMISSION

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