

OCT 29 1974

Docket No. 50-306

Northern States Power Company
ATTN: Mr. L. O. Mayer
Director of Nuclear Support Systems
414 Nicollet Avenue
Minneapolis, Minnesota 55401

Gentlemen:

The Commission has issued Facility Operating License No. DPR-60 to Northern States Power Company authorizing operation of Unit 2 of the Prairie Island Nuclear Generating Plant at steady state power levels not to exceed 1650 megawatts thermal (full power) in accordance with the provisions of the license and Technical Specifications. The Technical Specifications for the Unit 2 license are identical to those appended to the Unit 1 license (DPR-42) as amended on October 25, 1974. A copy of a related notice, which has been forwarded to the Office of the Federal Register for filing and publication is enclosed.

The Directorate of Regulatory Operations, Region III, has inspected the facility and determined that it is satisfactorily completed for issuance of an operating license.

Two signed copies of Amendment No. 3 to Indemnity Agreement No. B-60 are enclosed for your review and acceptance. Please sign and return one copy of the agreement to the Directorate of Licensing.

Sincerely,

Original signed by
K. Kniel

Karl Kniel, Chief
Light Water Reactors Branch 2-2
Directorate of Licensing

Enclosures:

1. License No. DPR-60
2. Federal Register Notice
3. Amendment No. 3 to Indemnity Agreement
No. B-60

CC:	LWR 2-2	AD: LWR	DD: [Signature]
Listed on page 2	[Signature]	AD: LWR	DD: [Signature]
OFFICE >	MS [Signature]	AD: LWR	DD: [Signature]
SURNAME >	LK [Signature]	AD: LWR	DD: [Signature]
DATE >	10/29/74	AD: LWR	DD: [Signature]

ccs:

Gerald Charnoff, Esquire
Shaw, Pittman, Potts & Trowbridge
910 17th Street, NW
Washington, D. C. 20006

Steve J. Gadler, P.E.
2120 Carter Avenue
St. Paul, Minnesota 55108

Sandra S. Gardebring, Esquire
Counsel for Minnesota Pollution Control
Agency
1935 W. County Road B2
Roseville, Minnesota 55113

Mr. Gary Williams
Federal Activities Branch
Environmental Protection Agency
1 N. Wacker Drive
Chicago, Illinois 60606

Mr. William F. Eich, Chairman
Public Service Commission of Wisconsin
Hill Farms State Office Building
Madison, Wisconsin 53702

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

Mr. Bernard Granum
Area Director
Bureau of Indian Affairs
U.S. Department of Interior
831 Second Avenue, South
Minneapolis, Minnesota 55402

Mr. John E. Davidson
Goodhue County Board of Commissioners
321 West Third Street
Red Wing, Minnesota 55066

Mr. Bruce Blanchard
Environmental Projects Review
Department of the Interior
Room 5321
18th and C Streets, N. W.
Washington, D. C. 20240

bcc: J. R. Buchanan, ORNL
T. B. Abernathy, DTIE
A. Rosenthal, ASLAB
N. H. Goodrich, ASLBP

DISTRIBUTION:

AEC PDR
Local PDR
LWR 2-2
M. Kaufman, OGC
RO (3)
N. Dube
M. Jinks
V. Moore
R. Vollmer
C. Hebron, F&M
D. Foster, F&M
A. Braitman, OAI
S. Kari
W. Miller, DR:AO
M. Grotenhuis, EP
P. Kreutzer, EP
D. Muller, EP
E. Brown, F&M
K. Goller
L. Kintner
M. Service
ACRS (16)
B. Scharf (25)

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-306

NORTHERN STATES POWER COMPANY

NOTICE OF ISSUANCE OF A FACILITY OPERATING LICENSE

Notice is hereby given that the Atomic Energy Commission (the Commission) has issued Facility Operating License No. DPR-60 to Northern States Power Company, authorizing operation of the Prairie Island Nuclear Generating Plant, Unit 2, at steady state reactor core power levels not in excess of 1650 megawatts thermal, in accordance with the provisions of the license and the Technical Specifications. The Prairie Island Nuclear Generating Plant, Unit 2, is a pressurized water nuclear reactor located at the licensee's site in Goodhue County, Minnesota.

The Commission has made appropriate findings as required by the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license. The application for the license complies with the standards and requirements of the Act and the Commission's rules and regulations.

The license is effective as of its date of issuance and shall expire on June 25, 2008.

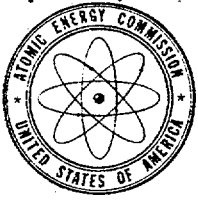
A copy of (1) Facility Operating License No. DPR-60; (2) the report of the Advisory Committee on Reactor Safeguards, dated April 18, 1973; (3) the Directorate of Licensing's Safety Evaluation dated September 28, 1972, and supplements thereto; (4) the Final Safety Analysis Report and amendments thereto; (5) the applicant's Environmental Report dated November 5, 1971, and supplements thereto; (6) the Draft Environmental Statement dated January 1973; and (7) the Final Environmental Statement dated May 1973, are available for public inspection at the Commission's Public Document Room at 1717 H Street, N. W., Washington, D. C., and the Environmental Library of Minnesota, 1222 S. E. 4th Street, Minneapolis, Minnesota. A copy of the license and the Safety Evaluation may be obtained upon request addressed to the United States Atomic Energy Commission, Washington, D. C. 20545, Attention: Deputy Director for Reactor Projects, Directorate of Licensing.

Dated at Bethesda, Maryland, this day of October 1974.

FOR THE ATOMIC ENERGY COMMISSION



Karl Kniel, Chief
Light Water Reactors Branch 2-2
Directorate of Licensing



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

NORTHERN STATES POWER COMPANY

DOCKET NO. 50-306

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT 2

FACILITY OPERATING LICENSE

License No. DPR-60

1. The Atomic Energy Commission (the Commission) having found that:
 - A. The application for license filed by Northern States Power Company (the licensee) 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 and that all required notifications to other agencies or bodies have been duly made;
 - B. Construction of the Prairie Island Nuclear Generating Plant, Unit 2 (the facility), has been substantially completed in conformity with Provisional Construction Permit No. CPPR-46, as amended, the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
 - C. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
 - D. There is reasonable assurance: (i) that the activities authorized by this operating license can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the rules and regulations of the Commission;
 - E. The licensee is technically and financially qualified to engage in the activities authorized by this operating license in accordance with the rules and regulations of the Commission;
 - F. The licensee has satisfied the applicable provisions of 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," of the Commission's regulations;
 - G. The issuance of this operating license will not be inimical to the common defense and security or to the health and safety of the public;

- H. After weighing the environmental, economic, technical, and other benefits of the facility against environmental and other costs and considering available alternatives, the issuance of Facility Operating License No. DPR-60 is in accordance with 10 CFR Part 50, Appendix D, of the Commission's regulations and all applicable requirements of said Appendix D have been satisfied; and
 - I. The receipt, possession, and use of source, byproduct and special nuclear material as authorized by this license will be in accordance with the Commission's regulations in 10 CFR Parts 30, 40, and 70, including 10 CFR Section 30.33, 40.32, 70.23 and 70.31.
2. Facility Operating License No. DPR-60 is hereby issued to Northern States Power Company to read as follows:
- A. This license applies to the Prairie Island Nuclear Generating Plant, Unit 2, a pressurized water nuclear reactor and associated equipment (the facility), owned by the Northern States Power Company. The facility is located in Goodhue County, Minnesota, and is described in the "Final Safety Analysis Report" as supplemented and amended (Amendments 1 through 38) and the Environmental Report as supplemented and amended (Supplements 1 and 2).
 - B. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses Northern States Power Company:
 - (1) Pursuant to Section 104b of the Act and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use, and operate the facility at the designated location in Goodhue County, Minnesota, in accordance with the procedures and limitations set forth in this license;
 - (2) Pursuant to the Act and 10 CFR Part 70, to receive, possess and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Final Safety Analysis Report, as supplemented and amended as of Amendment 38;
 - (3) Pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use at any time any byproduct, source and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;

- (4) Pursuant to the Act and 10 CFR Part 30, to receive, possess and use at any time 100 millicuries each of any byproduct material without restriction to chemical or physical form, for sample analysis or instrument calibration;
 - (5) Pursuant to the Act and 10 CFR Parts 40 and 70, to receive, possess and use at any time 100 milligrams each of any source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration.
 - (6) Pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility.
- C. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR Chapter I: Part 20, Section 30.34 of Part 30, Sections 50.54 and 50.59 of Part 50, and Section 70.32 of Part 70; is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:
- (1) Maximum Power Level

The licensee is authorized to operate the facility at steady state reactor core power levels not in excess of 1650 megawatts thermal.
 - (2) Technical Specifications

The Technical Specifications contained in Appendices A and B as issued with Facility Operating License DPR-42 on August 9, 1973, and amended on November 29, 1973, April 2, 1974, April 5, 1974, September 16, 1974, October 15, 1974, and October 25, 1974, are hereby incorporated in this license. The licensee shall operate the facility in accordance with the Technical Specifications.
- D. This license is effective as of the date of issuance and shall expire at midnight on June 25, 2008.

FOR THE ATOMIC ENERGY COMMISSION

A. Giambusso

A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Date of Issuance.

Docket Nos. 50-282
50-306/

AMENDMENT TO INDEMNITY AGREEMENT NO. B-60

AMENDMENT NO. 3

Effective OCT 29 1974, Indemnity Agreement No. B-60 between Northern States Power Company and the Atomic Energy Commission, dated April 6, 1972, as amended, is hereby further amended as follows:

Item 3 of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 3 - License number or numbers

SNM-1294 (From 12:01 a.m., April 6, 1972, to
12 midnight, August 8, 1973
inclusive)

DPR-42 (From 12:01 a.m., August 9, 1973)

DPR-60 (From 12:01 a.m., OCT 29 1974)

FOR THE UNITED STATES ATOMIC ENERGY COMMISSION

Signed, Jerome D. Saltzman

Jerome Saltzman, Deputy Chief
Office of Antitrust & Indemnity
Directorate of Licensing

Accepted _____, 1974

By _____
NORTHERN STATES POWER COMPANY

Distribution
Licensee (2 originals)
PDR
OGC
Docket Files
Div. Labor Relations
RO
Desk
Indemnity File
IDinitz Reading
OAI Reading

OFFICE➤	L:OAI	L:OAI				
SURNAME➤	IDinitz:nva	JSaltzman				
DATE➤	10/ /74	10/ /74				