

Docket Nos. 50-282  
50-306

JUL 18 1974

Northern States Power Company  
ATTN: Mr. A. V. Dienhart  
Vice President - Engineering  
414 Nicollet Avenue  
Minneapolis, Minnesota 55401

Gentlemen:

The Commission has issued Amendment No. 3 to Facility Operating License DPR-42 to Northern States Power Company (licensee) authorizing the receipt, possession, and use of californium-252 sources as requested in licensee's letter dated May 8, 1974. The sources will be stored for use as Unit 2 reactor startup sources after issuance of an operating license for Unit 2.

At the time of issuance of License DPR-42, August 9, 1973, we had concluded that licensee's facilities and personnel were adequate for safe handling of radioactive materials, including the byproduct materials listed in items (a) through (f) of Paragraph 2.B.(3) of the license. The californium-252 sources are byproduct materials similar to those previously licensed by DPR-42 and they will be received, stored, and used in the facility in a manner similar to the handling of those previously-licensed byproduct materials. On this basis, we have concluded that the californium-252 sources can be safely handled by the licensee.

We have concluded that the issuance of Amendment No. 3 to DPR-42 will not be inimical to the common defense and security or to the health and safety of the public, and that the amendment does not involve a significant hazards consideration.

C/P

OFFICE						
SURNAME						
DATE						

Copies of the amendment and a related notice which has been forwarded to the office of the Federal Register for publication are enclosed.

Sincerely,

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

Enclosures:

- 1. Amendment No. 3  
to DPR-42
- 2. Federal Register Notice

ccs: See next page

DISTRIBUTION:

AEC PDR  
 Local PDR  
 Docket File  
 LWR 2-2  
 MKaufman, OGC  
 RO (3)  
 NDube  
 MJinks (w/4 encls)  
 VAMoore  
 WMiller, DR:OA  
 SKari  
 RWade, EP  
 KKniel  
 LKintner  
 MService  
 ACRS (16)

bcc:

J. R. Buchanan, ORNL  
 Thomas B. Abernathy, DTIE  
 N. H. Goodrich, ASLBP  
 A. Rosentha, ASLAB

OFFICE	LWR <i>AK Jr</i>	LWR 2-2 <i>AK</i>	OGC <i>MT</i>	LWR <i>AK</i>		<i>Rg</i>
SURNAME	MService:as	LLKintner	MKaufman	KKniel		
DATE	7/16/74	7/16/74	7/17/74	7/17/74		

CCS:

Gerald Charnoff, Esq.  
Shaw, Pittman, Potts & Trowbridge  
910 17th Street, N. W.  
Washington, D. C. 20006

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

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

Ms. Sandra Gardebring  
Minnesota Pollution Control Agency  
1935 W. County Road B2  
Roseville, Minnesota 55113

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

Area Director  
Bureau of Indian Affairs  
Mr. Bernard M. Granum  
U. S. Dept. 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. Hans Hamster  
ATTN: Joan Sause  
Office of Radiation Programs  
Environmental Protection Agency  
4th and M Streets, S. W.  
Washington, D. C. 20460

OFFICE >					
SURNAME >					
DATE >					

Docket Nos. 50-282  
50-306

JUL 18 1974

Northern States Power Company  
ATTN: Mr. A. V. Dienhart  
Vice President - Engineering  
414 Nicollet Avenue  
Minneapolis, Minnesota 55401

Gentlemen:

The Commission has issued Amendment No. 3 to Facility Operating License DPR-42 to Northern States Power Company (licensee) authorizing the receipt, possession, and use of californium-252 sources as requested in licensee's letter dated May 8, 1974. The sources will be stored for use as Unit 2 reactor startup sources after issuance of an operating license for Unit 2.

At the time of issuance of License DPR-42, August 9, 1973, we had concluded that licensee's facilities and personnel were adequate for safe handling of radioactive materials, including the byproduct materials listed in items (a) through (f) of Paragraph 2.B.(3) of the license. The californium-252 sources are byproduct materials similar to those previously licensed by DPR-42 and they will be received, stored, and used in the facility in a manner similar to the handling of those previously-licensed byproduct materials. On this basis, we have concluded that the californium-252 sources can be safely handled by the licensee.

We have concluded that the issuance of Amendment No. 3 to DPR-42 will not be inimical to the common defense and security or to the health and safety of the public, and that the amendment does not involve a significant hazards consideration.

Copies of the amendment and a related notice which has been forwarded to the office of the Federal Register for publication are enclosed.

Sincerely,

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

Enclosures:

- 1. Amendment No. 3  
to DPR-42
- 2. Federal Register Notice

ccs: See next page

DISTRIBUTION:

- AEC PDR
- Local PDR
- Docket File
- LWR 2-2
- MKaufman, OGC
- RO (3)
- NDube
- MJinks (w/4 encls)
- VAMoore
- WMiller, DR:OA
- SKari
- RWade, EP
- KKniel
- LKintner
- MService
- ACRS (16)

bcc:

- J. R. Buchanan, ORNL
- Thomas B. Abernathy, DTIE
- N. H. Goodrich, ASLBP
- A. Rosenthal, ASLAB

OFFICE >	LWR 2-2 <i>MS</i>	LWR 2-2 <i>MS</i>	OGC <i>MS</i>	LWR <i>MS</i>	
SURNAME >	MService:as	LLKintner	MKaufman	KKniel	
DATE >	7/16/74	7/16/74	7/17/74	7/17/74	

CCS:

Gerald Chernoff, Esq.  
Shaw, Pittman, Potts & Trowbridge  
910 17th Street, N. W.  
Washington, D. C. 20006

Mr. Gary Williams  
Federal Activities Branch  
Environmental Protection Agency  
1 North Wacker Drive  
Chicago, Illinois 60605

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

Ms. Sandra Gardebring  
Minnesota Pollution Control Agency  
1535 W. County Road B2  
Roseville, Minnesota 55113

Mr. William F. Eich, Chairman  
Public Service Commission  
of Wisconsin  
Hill Farms State Office Building  
Madison, Wisconsin 53762

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

Area Director  
Bureau of Indian Affairs  
Mr. Bernard M. Granun  
U. S. Dept. 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. Hans Hamester  
AIDN: Joan Sause  
Office of Radiation Programs  
Environmental Protection Agency  
4th and H Streets, S. W.  
Washington, D. C. 20460

OFFICE >						
SURNAME >						
DATE >						

NORTHERN STATES POWER COMPANY

DOCKET NO. 50-282

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 3  
License No. DPR-42

1. The Atomic Energy Commission (the Commission) having found that:
  - A. The application for amendment by Northern States Power Company (the licensee) dated May 8, 1974, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended, and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the license, 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. Prior public notice of this amendment is not required since the amendment does not involve a significant hazards consideration.
2. Accordingly, Paragraph 2.B.(3) of Facility License DPR-42 is hereby amended to include the following:

"(g) Californium-252, 2 sealed neutron sources not to exceed 200 millicuries per source."

3. This license amendment is effective as of the date of its issuance.

FOR THE ATOMIC ENERGY COMMISSION:

*Voss A. Moore*  
Voss A. Moore, Assistant Director  
for Light Water Reactors, Group 2  
Directorate of Licensing

Date of Issuance: JUL 18 1974



UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-282

NORTHERN STATES POWER COMPANY

NOTICE OF ISSUANCE OF FACILITY LICENSE AMENDMENT

Notice is hereby given that the U.S. Atomic Energy Commission (the Commission) has issued Amendment No. 3 to Facility Operating License No. DPR-42, issued to Northern States Power Company, which revised the license for operation of the Prairie Island Nuclear Generating Plant, Unit 1 (the facility), located in Goodhue County, Minnesota. The amendment is effective as of its date of issuance.

The amendment revised the license to authorize receipt, possession, and use of californium-252 sources in connection with operation of the facility. The description of the program, facilities, personnel and procedures for safe storage, handling, and use of radioactive materials has been found acceptable by the Regulatory staff. On the basis of our evaluation, we have concluded that 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 that the amendment does not involve a significant hazards consideration.

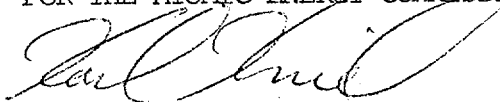
The application for the amendment complies with the requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations, and the Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter 1, which are set forth in the license amendment.

For further details with respect to this action, see (1) the application for amendment dated May 8, 1974, and (2) Amendment No. 3 to License DPR-42. These are available for public inspection at the Commission's Public Document Room, 1717 H Street, NW, Washington, D. C., and at the Environmental Library of Minnesota, 1222 S. E. 4th Street, Minneapolis, Minnesota 55414.

A copy of item (2) 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 - Regulation.

Dated at Bethesda, Maryland, this 18 day of July 1974.

FOR THE ATOMIC ENERGY COMMISSION:



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

Docket Nos. 50-282  
50-306

JUL 18 1974

Northern States Power Company  
ATTN: Mr. A. V. Dienhart  
Vice President - Engineering  
414 Nicollet Avenue  
Minneapolis, Minnesota 55401

Gentlemen:

The Commission has issued Amendment No. 3 to Facility Operating License DPR-42 to Northern States Power Company (licensee) authorizing the receipt, possession, and use of californium-252 sources as requested in licensee's letter dated May 8, 1974. The sources will be stored for use as Unit 2 reactor startup sources after issuance of an operating license for Unit 2.

At the time of issuance of License DPR-42, August 9, 1973, we had concluded that licensee's facilities and personnel were adequate for safe handling of radioactive materials, including the byproduct materials listed in items (a) through (f) of Paragraph 2.B.(3) of the license. The californium-252 sources are byproduct materials similar to those previously licensed by DPR-42 and they will be received, stored, and used in the facility in a manner similar to the handling of those previously-licensed byproduct materials. On this basis, we have concluded that the californium-252 sources can be safely handled by the licensee.

We have concluded that the issuance of Amendment No. 3 to DPR-42 will not be inimical to the common defense and security or to the health and safety of the public, and that the amendment does not involve a significant hazards consideration.

Copies of the amendment and a related notice which has been forwarded to the office of the Federal Register for publication are enclosed.

Sincerely,

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

Enclosures:

- 1. Amendment No. 3  
to DPR-42
- 2. Federal Register Notice

ccs: See next page

DISTRIBUTION:

- AEC PDR
- Local PDR
- Docket File
- LWR 2-2
- MKaufman, OGC
- RO (3)
- NDube
- MJinks (w/4 encls)
- VAMoore
- WMiller, DR:OA
- SKari
- RWade, EP
- KKniel
- LKintner
- MService
- ACRS (16)

bcc:

- J. R. Buchanan, ORNL
- Thomas B. Abernathy, DTIE
- N. H. Goodrich, ASLBP
- A. Rosentha, ASLAB

OFFICE >	LWR 2-2 <i>JK</i>	LWR 2-2 <i>JK</i>	OGC <i>AK</i>	LWR <i>JK</i>		
SURNAME >	MService:as	LLKintner	MKaufman	KKniel		
DATE >	7/16/74	7/16/74	7/17/74	7/17/74		

OFFICE	SURNAME	DATE

Mr. Hans Hamster  
 ATTN: Joan Sause  
 Office of Radiation Programs  
 Environmental Protection Agency  
 4th and M Streets, S. W.  
 Washington, D. C. 20460

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

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

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

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

Ms. Sandra Gardberg  
 Minnesota Pollution Control Agency  
 1835 W. County Road B2  
 Roseville, Minnesota 55113

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

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

cc: Gerald Charvot, Esq.  
 Shaw, Etkin, Potts & Thordarson  
 910 Ives Street, N. W.  
 Washington, D. C. 20006

NORTHERN STATES POWER COMPANY

DOCKET NO. 50-282

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 3  
License No. DPR-42

1. The Atomic Energy Commission (the Commission) having found that:
  - A. The application for amendment by Northern States Power Company (the licensee) dated May 8, 1974, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended, and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the license, 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. Prior public notice of this amendment is not required since the amendment does not involve a significant hazards consideration.
2. Accordingly, Paragraph 2.B. (3) of Facility License DPR-42 is hereby amended to include the following:
  - "(g) Californium-252, 2 sealed neutron sources not to exceed 200 millicuries per source."

3. This license amendment is effective as of the date of its issuance.

FOR THE ATOMIC ENERGY COMMISSION:

*Voss A. Moore*  
Voss A. Moore, Assistant Director  
for Light Water Reactors, Group 2  
Directorate of Licensing

Date of Issuance: JUL 18 1974

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-282

NORTHERN STATES POWER COMPANY

NOTICE OF ISSUANCE OF FACILITY LICENSE AMENDMENT

Notice is hereby given that the U.S. Atomic Energy Commission (the Commission) has issued Amendment No. 3 to Facility Operating License No. DPR-42, issued to Northern States Power Company, which revised the license for operation of the Prairie Island Nuclear Generating Plant, Unit 1 (the facility), located in Goodhue County, Minnesota. The amendment is effective as of its date of issuance.

The amendment revised the license to authorize receipt, possession, and use of californium-252 sources in connection with operation of the facility. The description of the program, facilities, personnel and procedures for safe storage, handling, and use of radioactive materials has been found acceptable by the Regulatory staff. On the basis of our evaluation, we have concluded that 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 that the amendment does not involve a significant hazards consideration.

The application for the amendment complies with the requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations, and the Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter 1, which are set forth in the license amendment.

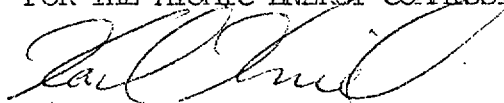


For further details with respect to this action, see (1) the application for amendment dated May 8, 1974, and (2) Amendment No. 3 to License DPR-42. These are available for public inspection at the Commission's Public Document Room, 1717 H Street, NW, Washington, D. C., and at the Environmental Library of Minnesota, 1222 S. E. 4th Street, Minneapolis, Minnesota 55414.

A copy of item (2) 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 - Regulation.

Dated at Bethesda, Maryland, this 18 day of July 1974.

FOR THE ATOMIC ENERGY COMMISSION:



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