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JAN 15 1975

Docket No. 50-263

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

AEC PDR  
Local PDR  
L Reading  
EP-4 Reading  
RO (3)  
SLewis, OGC  
MJinks/BJones (w/4 encl)  
HDenton  
AKenneke  
DZiemann/JShea, OR-2  
RDiggs, OR-2  
SReed, EP-4  
WRegan/RBevan, EP-4  
DTIE, Abernathy  
NSIC, Buchanan  
INelson, PNL  
ACRS (16)

Gentlemen:

Your letter dated November 1, 1973 requested changes to the Technical Specifications for Provisional Operating License No. DPR-22. The request concerns items related to the Monticello Environmental Monitoring Program.

We have completed our review of the proposed changes and have designated our action as Amendment No. 5, Change No. 15 to Appendix A of Provisional Operating License No. DPR-22. This change also reflects the stipulation regarding your terrestrial monitoring program entered into among Northern States Power Company, the Minnesota Pollution Control Agency, and the AEC Regulatory staff, dated October 23, 1974.

The changes which you requested involve making modifications to Table 4.8.1 to reflect the experience gained over the last few years, to eliminate samples shown to be unnecessary or unproductive and to increase sampling in areas shown to be productive. They include: removal of two columns entitled "Samples Per Year" and "Analysis Per Year," which presently serve no real purpose and were included when the program was developed to determine Lab analysis time; changing the collection site for all lake and river water samples, and air samples; elimination of <sup>90</sup>Sr analysis from all samples except precipitation, plankton, algae, insects and milk; and changing the collection frequency of plankton, algae, insects, aquatic vegetation, fish, milk and air samples.

The stipulation would amend your proposal in the following respects:

- 1) It would modify your proposal to change the present heading "Agricultural Crops" to "Edible Cultivated Crops" and to add under the subheading "Collection Site" the requirement to sample corn from the cornfield having the poorest atmospheric dispersion (highest X/Q); and 2) It would add the requirement to sample and gamma spectral analyze the flesh and liver of a small game mammal (squirrel, rabbit, etc.) semiannually. A sample would be taken from a location within a one-mile radius of the plant and a background sample at a distance of between 10 and 20 miles from the site.

*Corrected  
[Signature]*

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SURNAME >						
DATE >						

JAN 15 1975

Northern States Power Company 2

The staff has evaluated the potential for environmental impact associated with the proposed changes as amended by the stipulation. Since the changes essentially consist of modifications to the environmental radiation monitoring program, as stated above, we have determined that there will be no change in effluent types or amounts, no increase in authorized power level and no environmental impact attributable to the Commission's action. Having made this determination, the Commission has further concluded pursuant to 10 CFR § 51.5(d) that no environmental impact statement, negative declaration, or environmental impact appraisal need be prepared in connection with the proposed action.

The staff finds that the proposed amendment does not involve significant new safety information of a type not considered by any previous Commission safety review of the facility. It does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin, and therefore, does not involve a significant hazards consideration. The Commission has also concluded that there is reasonable assurance, based on the data obtained from the Environmental Monitoring Program to date, that the health and safety of the public will not be endangered by the Commission's action.

Accordingly, Amendment No. 5 to Provisional Operating License No. DPR-22 is enclosed revising the Technical Specifications thereto to authorize the requested changes. A copy of a notice which has been forwarded to the Office of the Federal Register for publication relating to this action is enclosed for your information.

Sincerely,

original signed by Robert Purple

*for*  
Karl R. Goller, Assistant Director  
for Operating Reactor  
Directorate of Licensing

Enclosures:

- 1. Amendment No. 5 to DPR-22
- 2. Federal Register Notice

cc: See attached sheet

*and strike  
"Ms." from  
Gardebring*

*but see service  
list - which lists  
Mr. Rehman from  
State of Missouri,  
should not be an aff -*

(Corrections made as per OGC's revision, see attached for previous concurrence)

OFFICE →	L:EP <i>20R</i>	L:EP <i>20</i>	L:OR <i>DR</i>	OGC <i>SHL</i>	L:OR <i>20</i>	<i>clg in Minnesota</i>
SURNAME →	S D Reed <i>SD</i>	W H Reagan <i>WR</i>	J Shea <i>JS</i>	<del>Strom</del> S H Lewis	K R Goller	<i>and Milneay polis mispelled under Lawson</i>
DATE →	12/26/74	12/31/74	1/13/75	12/2/74	1/14/75 12/1/74	

DISTRIBUTION  
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 AEC PDR  
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 MJinks/BJones (w 4 encls)  
 HDenton, SS  
 AKenneke, SS  
 DZiemann/JShea, OR-2  
 RDiggs, OR-2  
 SReed, EP-4  
 WRegan/RBevan, EP-4  
 DTIE, Abernathy  
 NSIC, Buchanan  
 INelson, PNL

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

Gentlemen:

Your letter dated November 1, 1973 requested changes to the Technical Specifications for Provisional Operating License No. DPR-22. The request concerns items related to the Monticello Environmental Monitoring Program.

We have completed our review of the proposed changes and have designated our action as Amendment No. 5, Change No. 15 to Appendix A of Provisional Operating License No. DPR-22.

★ Insert #1

The changes which you requested <sup>stet</sup> involved making modifications to Table 4.8.1 to reflect the experience gained over the last few years, to eliminate samples shown to be unnecessary or unproductive and to increase sampling in areas shown to be productive. They include: removal of two columns entitled "Samples Per Year" and "Analysis Per Year", which presently serve no real purpose and were included when the program was developed to determine lab analysis time; changing the collection site for all lake and river water samples, and air samples; elimination of <sup>90</sup>Sr analysis from all samples except precipitation, plankton, algae, insects and milk; and changing the collection frequency of plankton, algae, insects, aquatic vegetation, fish, milk and air samples. You state that incorporation of these changes would permit the plant to better serve the basic objectives of a sound Environmental Monitoring Program.

★ Insert #2

★ Insert #2

The staff has evaluated the potential for environmental impact associated with the proposed <sup>amendment</sup> ~~amendment~~ <sup>as amended by the stipulation</sup> essentially consists of modifications to <sup>the environmental change 5 radiation monitoring program</sup> ~~Table 4.8.1~~, as stated above, we have determined that there will be no change in effluent types or amounts, no increase in authorized power level and no environmental impact attributable to the proposed action. Having made this determination, the Commission has further concluded pursuant to 10 CFR § 51.5 (d) that no environmental impact statement, negative declaration, or environmental impact appraisal need be prepared in connection with the proposed action.

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SURNAME ➤					
DATE ➤					

The staff finds that the proposed amendment does not involve significant new safety information of a type not considered by any previous Commission safety review of the facility. It does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin, and therefore does not involve a significant hazards consideration. The Commission has also concluded that there is reasonable assurance, based on the data obtained from the Environmental Monitoring Program to date, that the health and safety of the public will not be endangered by the proposed action.

Accordingly, Amendment No. 5 to Provisional Operating License No. DPR-22 is enclosed revising the Technical Specifications thereto to authorize the requested changes. A copy of a notice which has been forwarded to the Office of the Federal Register for publication relating to this action is enclosed for your information.

Sincerely,

Karl R. Goller, Assistant Director  
for Operating Reactor  
Directorate of Licensing

Enclosures:

1. Amendment No. 5 to DPR-22
2. Federal Register Notice

cc: See attached sheet

(See attached for previous concurrence)

OFFICE	L:EP-40 SDReed	L:EP WHRegan	L:OR JBhea	OGC SLewis	L:OR KRGoller
SURNAME	RBevan	DRMuller	DZiemann		
DATE	9/23/74	10/1/74	10/1/74	10/1/74	10/1/74

Northern States Power Company

3

cc w/encl.:

Mr. Kenneth Dzigan, Director  
City of Saint Paul  
Pollution Control Services  
100 East 10th Street  
Saint Paul, Minnesota 55102

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

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

Gerald Charnoff, Esquire  
Shaw, Pittman, Potts, Trowbridge  
and Madden  
910 - 17th Street, N.W.  
Washington, D.C. 20006

Arthur Renquist, Esquire, Vice  
President--Law  
Northern States Power Company  
414 Nicollet Mall  
Minneapolis, Minnesota 55401

Howard J. Vogel, Esquire  
Legal Counsel  
Knittle & Vogel  
2750 Dean Parkway  
Minneapolis, Minnesota 55416

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

Daniel L. Ficker, Esquire  
Assistant City Attorney  
City Attorney's Office  
City Hall - 638  
Saint Paul, Minnesota 55108

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

Anthony Z. Roisman, Esquire  
Berlin, Roisman and Kessler  
1712 N Street, N.W.  
Washington, D.C. 20036

Gary Williams  
Federal Activities Branch  
Environmental Protection Agency  
230 S. Dearborn Street  
Chicago, Illinois 60604

Ms. Julia Copeland  
Environmental Conservation Library  
Minneapolis Public Library  
300 Nicollet Mall  
Minneapolis, Minnesota 55401

JAN 15 1975

Docket No. 50-263

Docketing and Service Section  
Office of the Secretary

FEDERAL REGISTER NOTICE

Two signed originals of a Federal Register Notice identified as follows are enclosed for transmittal to the Office of the Federal Register for filing and publication:

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATING PLANT, UNIT 1

NOTICE OF ISSUANCE OF AMENDMENT TO PROVISIONAL OPERATING LICENSE

Twelve additional conformed copies are enclosed for your use.

*15/ Dennis L. Ziemann*  
Dennis L. Ziemann, Chief  
Operating Reactors Branch #2  
Directorate of Licensing

Enclosures:  
As stated

DISTRIBUTION:  
✓ Docket File (ENVIRON)  
EP-4 Reading  
SDReed  
RBevan

OFFICE ➤	L:EP-4 <i>SDR</i>	L:ORB2 <i>SDR</i>				
SURNAME ➤	SDReed:s1	DLZiemann				
DATE ➤	1/3/75	1/3/75				

UNITED STATES ATOMIC ENERGY 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. Atomic Energy Commission (the Commission) has issued Amendment No. 5 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, Unit 1 located in Wright County, Minnesota. This amendment is effective as of its date of issuance.

The amendment permits deletion of those environmental monitoring requirements which have been shown by experience gained over the few years to be unnecessary or unproductive and increases sampling in areas shown to be productive. It also specifically requires monitoring of two additional media as stipulated by the licensee, the Minnesota Pollution Control Agency, and the AEC Regulatory Staff on October 23, 1974.

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 in 10 CFR Chapter I which are set forth in the license amendment.

For further details with respect to this action, see (1) the application for amendment dated November 1, 1973, (2) the aforementioned stipulation dated October 23, 1974, (3) Amendment No. 5 to License No. DPR-22,

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NAME >

with any attachments, and (4) the letter to Northern States Power Company transmitting Amendment No. 5 and containing details relating to the Regulatory staff's review. 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 of Minnesota, 300 Nicollet Mall, Minneapolis, Minnesota 55401.

A copy of items (3) and (4) 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 15<sup>th</sup> day of Jan., 1975.

FOR THE ATOMIC ENERGY COMMISSION

*15/ Dennis L. Ziemann*

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

(See attached yellow for previous concurrence)

OFFICE >	ORP-4	L:EP-4	ORB-2	OGC	
SURNAME >	SD Reed R Bevan	W H Reagan	J Shea D Ziemann	W H Reagan S H	
DATE >	1/13/75	1/13/75	1/13/75	1/2/75	



UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-263

NORTHERN STATES POWER COMPANY

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*application for the*  
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 in 10 CFR Chapter I which are set forth in the license amendment.

For further details with respect to this action, see (1) the application for amendment dated November 1, 1973, (2) the aforementioned stipulation dated October 23, 1974, (3) Amendment No. 5 to License

*I think this should stay re. 9.06C earlier deletion, DSE*

OFFICE >						
SURNAME >						
DATE >						

No. DPR-22, with any attachments, and (4) the letter to Northern States Power Company transmitting Amendment No. 5 and containing details relating to the Regulatory staff's review. 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 of Minnesota, <sup>300 Nicollet Mall</sup> ~~1222 S. E. 4th Street,~~ Minneapolis, Minnesota <sup>55401</sup> ~~55444.~~

There is a new LPDR - check with Reba Diggs for address

Should say any of these documents can be obtained so

A copy of items (3) and (4) 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 \_\_\_\_\_ day of \_\_\_\_\_ 1974.

FOR THE ATOMIC ENERGY COMMISSION

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

Perhaps item 2 could be sent, but hasn't been our practice to send the application to send. Now is it required by Part 2

No; they are available at APDR but not upon request from DPRP RBB

subject to comments above

OFFICE >	L:EP-4	L:EP-4	ORB-2	OGC		
SURNAME >	RBBevan	WHRagan	JShea DZiemann	S.H.L S.H.Lewis		
DATE >	12/26/74	12/3/74	12/ /74	12/2/74		

~~Northern States Power Company~~ The licensee, the Minnesota Pollution Control Agency, and the AEC Regulatory Staff on October 23, 1974.

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-263

NORTHERN STATES POWER COMPANY

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The amendment permits deletion of those environmental monitoring requirements which have been shown by experience gained over the last few years to be unnecessary or unproductive and increases sampling in areas shown to be productive. <sup>It also specifically requires monitoring of two additional media as stipulated by the</sup>

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 in 10 CFR Chapter I which are set forth in the license amendment.

<sup>(2) the stipulation, dated October 23, 1974</sup> For further details with respect to this action, see (1) the application for amendment dated November 1, 1973, (2) Amendment No. 5 to License No. DPR-22, with any attachments, and (3) the letter to Northern States Power Company transmitting Amendment No. 5 and containing details relating to the Regulatory staff's review ~~of the application.~~

All of these items are available for public inspection at the

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SURNAME >					
DATE >					

Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the Environmental Library of Minnesota, 1222 S.E. 4th Street, Minneapolis, Minnesota 55444.

A copy of items <sup>3</sup>(2) and <sup>4</sup>(3) 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            day of            1974.

FOR THE ATOMIC ENERGY COMMISSION

Original signed by W. H. Regan, Jr.

Wm. H. Regan, Jr., Chief  
Environmental Projects Branch 4  
Directorate of Licensing

OFFICE >	L:EP04 SDReed.	L:EP-7 W.H. Regan	<del>ORB-2 JShea Dziemann</del>	OGC		
SURNAME >	RBBevan					
DATE >	9/23/74	10/1/74	9/1/74	10/1/74		

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-263

NORTHERN STATES POWER COMPANY

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The amendment deletes those environmental monitoring requirements that are now superfluous, and prescribes other modifications which have been found from operating experience to be desirable to achieve more effective environmental control.

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 in 10 CFR Chapter I which are set forth in the license amendment.

For further details with respect to this action, see (1) the application for amendment dated November 1, 1973, (2) Amendment No. 5 to License No. DPR-22, with any attachments, and (3) the letter to Northern States Power Company transmitting Amendment No. 5 and containing details relating to the Regulatory staff's review of the application. All of these items are available for public inspection at the

OFFICE ▶						
SURNAME ▶						
DATE ▶						

Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the Environmental Library of Minnesota, 1222 E.E. 4th Street, Minneapolis, Minnesota 55444.

A copy of items (2) and (3) 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            day of            1974.

FOR THE ATOMIC ENERGY COMMISSION

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

OFFICE >	L:EP-4	I:EP-4	ORB-2	OGC		
SURNAME >	SR Reed:es RBevan	WHRegan	JShea DZiemann			
DATE >	6/6/74	6/17/74	6/20/74	6/ /74		