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~~✓~~ Docket File (ENVIRON)

JAN 15 1975

Docket No. 50-263

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

Gentlemen:

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)

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 ⁹⁰Sr 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
 1/15/75
 R*

OFFICE >						
SURNAME >						
DATE >						

JAN 15 1975

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,
shouldn't this
be an aff -

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

OFFICE ➤	L:EP <i>DR</i>	L:EP <i>DR</i>	L:OR <i>DR</i>	OGC <i>SHL</i>	L:OR <i>DR</i>	<i>clg in Minnesota</i>
SURNAME ➤	SDReed <i>DR</i>	WHRegan <i>DR</i>	JShea <i>DR</i>	<i>SHL</i>	KRGoller	<i>and Milne</i>
DATE ➤	12/26/74	12/31/74	12/13/75	12/2/74	12/1/74	<i>polis mispelled under Lawson</i>

DISTRIBUTION

Docket File (ENVIRON)
AEC PDR
Local PDR
L Reading
EP-4 Reading
RO (3)
SLEwis, OGC
MJinks/BJones (w 4 encls)
HDenton, SS
AKenneke, SS
DZiemann/JShea, OR-2
BDiggs, 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 ACRS (16)
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 ^{stet} 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 unproduc-
tive 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 ⁹⁰Sr 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

The staff has evaluated the potential for environmental impact
associated with the proposed ^{changes as amended by the stipulation} amendment. Since the amendment
essentially consists of modifications to ^{the environmental change 5 radiation} Table 4.8.1, as stated ^{monitoring} program
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 deter-
mination, 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.

OFFICE ➤						
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	L:EP	L:OR	OGC	L:OR
	SDReed	WHRegan	JBhea	SLewis	KRGoller
SURNAME ➤	RBevan	DRMiller	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 Dzugan, 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>581</i>				
SURNAME ➤	SDReed:s1	DLZiemann				
DATE ➤	1/3/75	1/13/75				

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,

OFFICE >

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 15th day of Jan., 1975.

FOR THE ATOMIC ENERGY COMMISSION

/s/ 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

NOTICE OF ISSUANCE OF AMENDMENT TO PROVISIONAL OPERATING LICENSE

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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. 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.

I think this should stay re. 9.06C earlier deletion, D87E
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

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 ^{Conservation} Environmental Library of Minnesota, ^{300 Nicollet Mall} 1222 S. E. 4th Street, Minneapolis, Minnesota ⁵⁵⁴⁰¹ ~~55444~~.

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

should say any of these documents can be obtained so obtained

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 DRDP RBB

subject to comments above

there is a new LPDR check with Reba Diggs for address

OFFICE >	L:EP-4	L:EP-4	ORB-2	OGC		
SURNAME >	RBB:ej RBB:van	WH:Regan	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

NOTICE OF ISSUANCE OF AMENDMENT TO PROVISIONAL OPERATING LICENSE

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(the Commission) has issued Amendment No. 5 to Provisional Operating
License No. DPR-22 issued to Northern States Power Company 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 last 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

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.

(2) the foregoing stipulation, dated October 23, 1974, (2) Amendment No. 5
application for amendment dated November 1, 1973, 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 ³(2) and ⁴(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	L:EP-4	ORB-2	OGC		
SURNAME >	SDReed	WRegan	JShea			
	RBBevan		Dzienann			
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

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 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 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	1:EP-4	ORB-2	OGC		
SURNAME >	Shreed:es	WHRegan	JShea	DZiemann		
DATE >	6/6/74	6/17/74	6/20/74	6/ /74		