

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 972

FROM: Northern States Power Company Minneapolis, Minnesota 55401 L. O. Mayer	DATE OF DOC:	DATE REC'D	FILE			
	2-5-73	2-8-73	LTR	MEMO	RPT	OTHER
TO: A. Giambusso	ORIG 3 signed	CC 37	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS: <u>U</u> /PROP INFO	INPUT X	NO CYS REC'D 40	DOCKET NO: 50-263			

DESCRIPTION:
Ltr requesting Amdt to Opr Lic. DPR-22.....
trans the following:

ENCLOSURES:
AMDT # 3 notarized 2-5-73 requesting Section
2.B of Amdt # 1 to Lic. PDR-22 be modified to
auth 50 grams of Uranium 235 as fission
chambers.....

PLANT NAMES: Monticello

ACKNOWLEDGED DO NOT REMOVE
(40 cys rec'd)

FOR ACTION/INFORMATION 2-9-73 fod

BUTLER(L) W/ Copies	SCHWENGER(L) W/ Copies	SCHEMEL(L) W/ Copies	KNIGHTON(E) W/ Copies
CLARK(L) W/ Copies	STOLZ(L) W/ Copies	ZIEMANN(L) W/ 9 Copies	YOUNGBLOOD(E) W/ Copies
GOLLER(L) W/ Copies	VASSALLO(L) W/ Copies	CHITWOOD(FM) W/ Copies	REGAN(E) W/ Copies
KNIEL(L) W/ Copies	H. DENTON W/ Copies	DICKER(E) W/ Copies	

INTERNAL DISTRIBUTION

<u>REG FILE</u>	TECH REVIEW	VOLLMER	HARLESS	WADE	E
<u>AEC PDR</u>	HENDRIE	DENTON		SHAFAER	F & M
<u>OGC, ROOM P-506A</u>	SCHROEDER	GRIMES	F & M	BROWN	E
MUNIZING/STAFF	MACCARY	GAMMILL	SMILEY	G. WILLIAMS	E
CASE	KNIGHT(2)	KASTNER	NUSSBAUMER	E. GOULBOURNE	L
GIAMBUSO	PAWLICKI	BALLARD		A/T IND	
BOYD-L(BWR)	SHAO	SPANGLER	LIC ASST.	BRATTMAN	
DEYOUNG-L(PWR)	KNUTH		SERVICE L	SALTZMAN	
<u>SKOVHOLT-L</u>	STELLO	ENVIRO	MASON L		
P. COLLINS	MOORE	MULLER	WILSON L	PLANS	
REG OPR	HOUSTON	DICKER	MAIGRET L	MCDONALD	
<u>FILE & REGION (2)</u>	TEDESCO	KNIGHTON	SMITH L	<u>DUBE</u>	
MORRIS	LONG	YOUNGBLOOD	GEARIN L		
STEELE	LAINAS	PROJ LEADER	DIGGS L	INFO	
	BENAROYA		TEETS L	C. MILES	
	<u>A. CABELL</u>	REGAN	LEE L		

EXTERNAL DISTRIBUTION

- 1-LOCAL PDR Minneapolis, Minn.
- 1-DTIE (ABERNATHY)
- 1-NSIC (BUCHANAN)
- 1-ASLB-YORE/SAYRE
WOODWARD/H. ST.
- 16-CYS ACRS HOLDING Sent 1-9-73 to
R. Diggs for Dist.
- (1)(5)(9)-NATIONAL LAB'S
- 1-R. CARROLL-OG, GT-B227
- 1-R. CATLIN, E-256-GT
- 1-CONSULANT'S
NEWMARK/BLUME/AGABIAN
- 1-PDR-SAN/LA/NY
- 1-GERALD LELLOUCHE
BROOKHAVEN NAT. LAB
- 1-AGMED (WALTER KOESTER,
Rm C-427, GT)
- 1-RD...MULLER...F-309GT

NSP

Regulatory

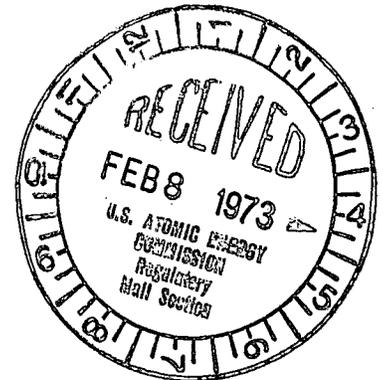
File Cy.

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

February 5, 1973

Mr. A Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
United States Atomic Energy Commission
Washington, D C 20545



Dear Mr. Giambusso:

MONTICELLO NUCLEAR GENERATING PLANT
DOCKET NO. 50-263 LICENSE NO. DPR-22

AMENDMENT NO. 3 TO
PROVISIONAL OPERATING LICENSE DPR-22

Attached are three signed originals and 37 conformed copies of Amendment No. 3 to the Provisional Operating License for the Monticello Nuclear Generating Plant. This change has been reviewed by the Monticello Operations Committee and Safety Audit Committee.

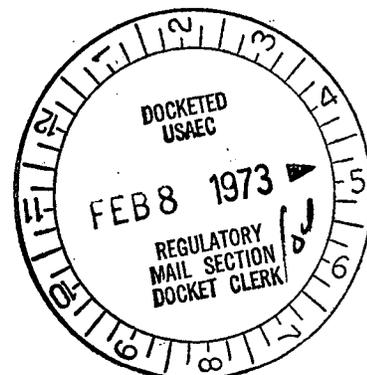
The change requested herein is necessary to permit receipt of special neutron monitoring equipment for the refueling outage at Monticello which is scheduled to start March 3, 1973.

Yours very truly,

L O Mayer, P.E.
Director of Nuclear Support Services

LOM/br

cc: B H Grier
G Charnoff
Minnesota Pollution Control Agency
Attn. Ken Dzugan



972

UNITED STATES ATOMIC ENERGY COMMISSION

NORTHERN STATES POWER COMPANY

Monticello Nuclear Generating Plant

Docket No. 50-263

AMENDMENT NO. 3
TO
PROVISIONAL OPERATING LICENSE NO. DPR-22

Northern States Power Company, a corporation organized under the laws of the State of Minnesota, hereby requests amendment of Provisional Operating License No. DPR-22 in accordance with:

- (1) The attached request to modify the listing of special nuclear material in Section 2.B of Amendment No. 1 to License No. DPR-22.

This submittal contains no restricted data or other defense information.

NORTHERN STATES POWER COMPANY

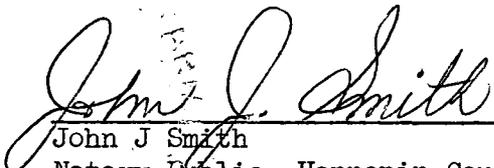
By



Wade Larkin

Group Vice President - Power Supply

On this 5 day of February, 1973, before me a notary public in and for said County, personally appeared Wade Larkin, Group Vice President - Power Supply, and being first duly sworn acknowledged that he is authorized to execute this document in behalf of Northern States Power Company, that he knows the contents thereof and that to the best of his knowledge, information and belief, the statement made in it are true and that it is not interposed for delay.



John J. Smith

Notary Public, Hennepin County, Minnesota

JOHN J. SMITH

Notary Public, Hennepin County, Minnesota

My Commission Expires March 3, 1976

REQUEST FOR CHANGE IN THE
LISTING OF SPECIAL NUCLEAR MATERIAL
IN THE MONTICELLO NUCLEAR GENERATING PLANT
PROVISIONAL OPERATING LICENSE DPR-22

AEC DOCKET NO. 50-263

We request that Section 2.B of Amendment No. 1 to License No. DPR-22 be modified as follows:

The phrase " one gram of uranium 235 as fission chambers
.... " should be changed to read " 50 grams of uranium
235 as fission chambers "

This change will allow the receipt, possession and use of up to 50 grams of uranium 235 contained in fission chambers for the refueling outage at Monticello which is scheduled to start March 3, and at subsequent refueling outages. The current allowance of up to one gram of uranium 235 as fission chambers provides ample margin for initial core loading and for normal operation. No change is sought in the current authorization to receive, possess and use up to 2300 kg of uranium 235 as reactor fuel assemblies. During core alterations at refueling outages with irradiated fuel in the core, it is necessary to provide temporary in-core fission chambers for neutron monitoring. These core alterations include programmed fuel assembly relocation and removal of fuel assemblies to permit inspection of reactor internal components. The fission chamber response required for adequate neutron monitoring under these conditions requires chambers containing multi-gram quantities of uranium 235 as compared to the fractional gram chambers required for normal operation.

This change request has no relationship to the Full Term Operating License Amendment proceedings now underway.

An increase in the authorized amount of uranium 235 requested herein does not present any new or significant safety hazards. This increase does not require a change in Technical Specifications for the plant. The plant is currently authorized to receive, possess and use up to 2300 kilograms of uranium 235 as reactor fuel assemblies and has the necessary procedural and accountability controls for use of this material and for the very small quantities of additional material which would be authorized by this amendment.