

UNITED STATES ATOMIC ENERGY COMMISSION

NORTHERN STATES POWER COMPANY

Monticello Nuclear Generating Plant

Docket No. 50-263

REQUEST FOR AUTHORIZATION OF
A CHANGE TO AMENDMENT NO. 1 TO

PROVISIONAL OPERATING LICENSE NO. DPR-22

(Change Request Dated August 31, 1973)

Northern States Power Company, a Minnesota corporation, requests authorization for changes to Amendment No. 1 to Provisional Operating License DPR-22 as shown on the attachment labeled Exhibit A. This exhibit describes the proposed changes along with reasons for change.

This request contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By

Wade Larkin

Wade Larkin

Group Vice President - Power Supply

On this 31 day of August, 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, that to the best of his knowledge, information and belief, the statements made in it are true and that it is not interposed for delay.

John J. Smith
John J. Smith

Notary Public, Hennepin County, Minnesota

JOHN J. SMITH

Notary Public, Hennepin County, Minnesota

My Commission Expires March 3, 1976

9102120559 730831
PDR ADDCK 05000263
P PDR

EXHIBIT A

MONTICELLO NUCLEAR GENERATING PLANT
DOCKET NO. 50-263

CHANGE REQUEST DATED AUGUST 31, 1973
PROPOSED CHANGES TO AMENDMENT NO. 1 TO
PROVISIONAL OPERATING
LICENSE NO. DPR-22

Pursuant to 10CFR50.90, the holders of the above-mentioned license hereby request that Section 2.C of Amendment No. 1 to License No. DPR-22 be modified to read as follows:

- "C. Pursuant to the Act and 10 CFR Part 30, "Rules of General Applicability of Licensing of Byproduct Material," to receive, possess, and use in connection with operation of the facility; ten sources of Antimony 122 and Antimony 124, not to exceed 5350 curies per source; one source of Americium 241, not to exceed 7 curies; four sources of Cobalt 60, two not to exceed 350 microcuries per source, one not to exceed 500 millicuries and one not to exceed 12.5 millicuries (all as sealed sources); one millicurie of Americium 241, one millicurie of Strontium 90, three millicuries of Cesium 137, and 5.5 millicuries of Cobalt 60 (all without restriction as to chemical or physical form); and any byproduct material with atomic numbers 3 through 83 inclusive, in any chemical or physical form, not to exceed 100 microcuries per source; and ... "

This change supercedes our requested changes to Section 2.C of Amendment No. 1 submitted on December 21, 1972.

This change is requested to update our license to reflect our current needs and to be consistent with recent changes in Title 10 of the Code of Federal Regulations, Part 30. The requested changes are itemized as follows: 1) The parasite, Antimony 122, is designated in addition to the prime source, Antimony 124. The source strength is revised to cover the equilibrium charged source strength of these natural Antimony source pins which are used for reactor neutron sources. 2) The Cesium 137 sealed sources were deleted from the license because they are less than the exempt quantity presently listed in 10CFR30. 3) The forty Strontium 90 sealed sources were deleted from the license. While such sources are used in the sensor-converter units of area radiation monitors as stated in our initial application, the source strengths are much less than the exempt quantity for Strontium 90. 4) Certain isotopes that were previously licensed only in solution form have been consolidated with the same isotopes licensed without restriction as to chemical or physical form. This will allow flexibility in using the liquid sources which was originally intended. 5) The

EXHIBIT A

- 2 -

amount of Cobalt 60 licensed in unrestricted form has been increased to meet our present needs. 6) An allowance for the possession and use of small quantities of additional isotopes has been added.

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

The changes in the authorized quantities of byproduct material requested herein do not present any new or significant safety hazards. The changes do not require any changes in the Technical Specifications for the plant. The Monticello Plant staff is thoroughly familiar with the use and handling of byproduct material. Established procedures for the safe use and storage of such materials are presently in effect.

FILE:

FROM: Northern States Power Company Minneapolis, Minnesota 55401 Mr. L.O. Mayer			DATE OF DOC 8-31-73	DATE REC'D 9-6-73	LTR X	MEMO	RPT	OTHER
TO: J.F. O'Leary			ORIG 3 signed	CC	OTHER	SENT AEC PDR <u>XXX</u> SENT LOCAL PDR <u>XXX</u>		
CLASS XXX	UNCLASS XXX	PROP INFO	INPUT XXX	NO CYS REC'D 40		DOCKET NO: 50-263		

DESCRIPTION:

Not. ltr trans the following.....

ENCLOSURES:

Exhibit A: Proposed changes to Amndt. 1
to Provisional Operating License No. DPR-22.

(40 cys. encl. rec'd)

PLANT NAME: Monticello

ACKNOWLEDGED

FOR ACTION/INFORMATION 9-6-73 JB

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