

UNITED STATES ATOMIC ENERGY COMMISSION

NORTHERN STATES POWER COMPANY

Docket No. 50-263

REQUEST FOR AMENDMENT TO
OPERATING LICENSE NO. DPR-22

(License Amendment Request Dated July 8, 1974)

Northern States Power Company, a Minnesota corporation, requests authorization for an amendment to the Operating License as shown on the attachment labeled Exhibit A. Exhibit A describes the proposed amendment along with the reason for the amendment.

This request contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By Leo J. Wachter
Leo J. Wachter
Vice-President, Power Production
& System Operation

On this 8 day of July, 1974, before me a notary public in and for said County, personally appeared Leo J. Wachter, Vice-President, Power Production and System Operation, 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 statements made in it are true and that it is not interposed for delay.

9102130473 740708
PDR ADOCK 05000263
P PDR

Norman J. Berger

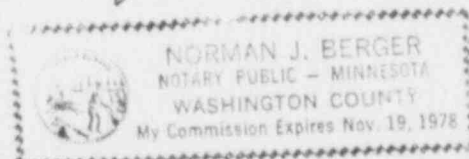


Exhibit A

Monticello Nuclear Generating Plant
Docket No. 50-263

Change Request Dated July 8, 1974
Proposed Changes 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 License No. DPR-22 be modified to read as follows:

"2.C. Pursuant to the Act and 10 CFR Part 30, "Rules of General Applicability to Licensing of Byproduct Material," to receive, possess and use in connection with the operation of the facility:

- (1) antimony 122 and 124, ten sealed sources, not to exceed 5,350 curies per source;
- (2) americium 241, one sealed source, not to exceed 7 curies;
- (3) cobalt 60, four sealed sources, two not to exceed 350 microcuries per source, one not to exceed 500 millicuries, and one not to exceed 12.5 millicuries;
- (4) krypton 85, 250 millicuries (without restriction as to chemical or physical form);
- (5) cobalt 60, 5.5 millicuries (without restriction as to chemical or physical form);
- (6) cesium 137, three millicuries (without restriction as to chemical or physical form);
- (7) americium 241 and strontium 90, each not to exceed one millicurie per nuclide (without restriction as to chemical or physical form), and
- (8) any byproduct material with atomic numbers 3 through 83, inclusive, not to exceed 100 microcuries per source (in any chemical or physical form)."

The only proposed change in this section of the license is to increase the allowable inventory of byproduct material by 250 millicuries of krypton 85 without restriction as to chemical or physical form.

This additional quantity of byproduct material will be used to calibrate the continuous air monitor at the reactor building vent. At the present time the calibration is based in part on published data and data supplied by the manufacturer; the data has not been substantiated on site. A more rigorous calibration technique has been advocated by a Monticello Regulatory Operations inspector and is discussed in Region III Regulatory Operations Inspection Report Number 050-263/74-01 paragraph 7.c.

The Monticello plant staff is thoroughly familiar with the use and handling of byproduct material. Established practices and procedures for the safe handling of such materials are used routinely in analyzing condenser off-gas. Plant personnel are also prepared for the safe handling and storage of significantly greater quantities of radioactive gas in the compressed gas storage tanks of the augmented off gas system.

The 250 millicurie krypton 85 byproduct material will be used inside the plant. Even in the unlikely event of a ground level release of a quantity orders of magnitude greater than that under consideration, the Monticello FSAR shows that an insignificant dose relative to background would be accumulated at the site boundary. We therefore conclude that the requested change does not present any new or significant safety considerations.

The proposed change does not require any change in the Technical Specifications for the plant. This change request has no relationship to the Full Term Operating License proceeding now underway.

FROM:
Northern States Power Company
Minneapolis, Minn. 55401
Mr. L.O. Maver

DATE OF INFO

7-8-74

DATE REC'D

7-11-74

LTR

X

TUN

FBI

OTHER

TO:
J.P. O'Leary

ORIG

3 signed

CC

OTHER

SENT AEC PDR XXX

SENT LOCAL PDR XXX

CLASS

UNCLAS

XXX

PROP INFO

INPUT

XXX

NO CYS REC'D

40

DOCKET NO:

50-263

DESCRIPTION:

Ltr requesting a change to the License No.
DPR-22....trans the following....

ENCLOSURES:

Proposed changes to tech specs...concerning
an increase in the amount of byproduct
material possessed by the applicant.

PLANT NAME: Monticello

ACKNOWLEDGED
(40 cys encl rec'd)
DO NOT REMOVE

FOR ACTION/INFORMATION

7-16-74

JB

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7-16-74	1-B & E SWITZERLAND, R. E-231 GT	