

FROM: Northern States Power Company
 Minneapolis, Minnesota 55401
 A. V. Dienhart

DATE OF DOCUMENT
 10-29-71

DATE RECEIVED
 11-2-71

NO.: 4778

TO: L. Manning Huntzing

LTR. MEMO: REPORT: OTHER:
 x notarized 10-29-71

CLASSIF.: U POST OFFICE REG. NO:

ORIG.: I signed CC: OTHER:
 ACTION NECESSARY CONCURRENCE DATE ANSWERED:
 NO ACTION NECESSARY COMMENT BY:

DESCRIPTION: (Must Be Unclassified)
 Ltr notarized 10-29-71...re their 10-15-71 submittals...re SHOW CAUSE Statements for Monticello & Prairie Island...trans the following:

FILE CODE: 50-263 50-282 50-306 (ENVIRO FILE)

ENCLOSURES:
 (1) Ltr notarized 10-15-71 for SHOW CAUSE Statement of 10-15-71 for Monticello.
 (2) Ltr notarized 10-15-71 for SHOW CAUSE Statement of 10-15-71 for Prairie Island.
 (3) Errata Sheet for SHOW CAUSE Statement for Monticello.
 (4) Errata Sheet for SHOW CAUSE Statement

| REFERRED TO | DATE | RECEIVED BY | DATE |
|---|---------|-------------------------|------|
| Knuth W/4 cys for ACTION (50-263) | 11-2-71 | | |
| Long W/4 cys for ACTION (50-282/306) | 11-2-71 | W. Williams G. Blanc | P-30 |

REMARKS: for Prairie Island Units 1 & 2.
 (1 cy ea notarized ltr, 50 cys ea Errata Sheets rec'd)
 Holding (3) cys for ACBS (50-263 & 50-282/306) Local PDR (Red Wing, Minn (50-282/306)

DISTRIBUTION:
 Reg Files (3) (1 ea docket)
 AEC PDR (3) (1 ea docket)
 Compliance (2)

| | |
|--|---|
| Boyd/Grimes Henderson | Denton DTIE (Laughlin) |
| Beck/Mann Felton | NSIC (Buchanan) Clare Miles, C-459 GT |
| OCC, Rm P 506A Morris/Schroeder/IR L. Rogers | Wilson J. Totter, E-201 GT J. DiNunno, A-170 GT 4778 fod |

U. S. ATOMIC ENERGY COMMISSION

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FORM AEC-325 (8-60)

NSP

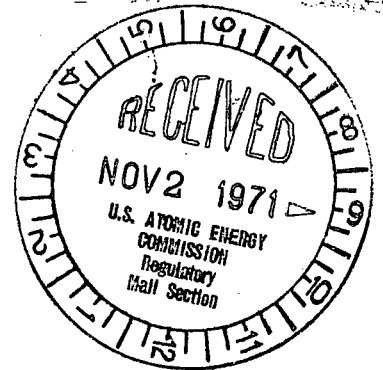
NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

50-263
50-282
50-306

Regulatory File Cy.

October 29, 1971



Mr L Manning Muntzing
Director of Regulation
U S Atomic Energy Commission
Washington, DC 20545

Dear Mr Muntzing:

MONTICELLO NUCLEAR GENERATING PLANT E-5979
Operating License DPR-22

PRAIRIE ISLAND NUCLEAR GENERATING PLANT E-6197
Construction Permits CPPR-45 and CPPR-46

Our letters of October 15 for the above projects furnished information pursuant to Section E.3 of Appendix D to 10 CFR Part 50. Inadvertently we failed to have these two letters notarized. We therefore are enclosing substitute letters that have been appropriately notarized.

Unfortunately, several minor typographical errors occurred in the Prairie Island Nuclear Generating Plant "statement" and to correct for this we are enclosing 50 copies of an Errata sheet.

We are also furnishing an errata sheet, in 50 copies, for the Monticello "statement" which includes supplemental information requested by your Mr Victor Benaroya.

Yours very truly,

A V Dienhart

A V Dienhart
Vice President - Engineering

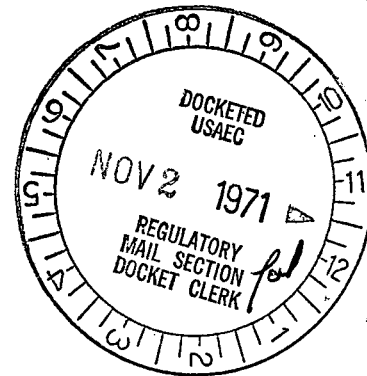
Subscribed and sworn to before me

this 29 day of October, 1971.

John J Smith
John J Smith
Notary Public, Hennepin County, Minnesota

My Commission Expires March 3, 1976

Notarial Seal



4778

LB

Received w/Ltr Dated 10-29-71

Reference: DPR-22 50-263

ERRATA FOR
MONTICELLO NUCLEAR GENERATING PLANT
STATEMENT
TO
U S ATOMIC
ENERGY COMMISSION



- Page 3, Line 12 - following word "reactor" change "of" to "at"
- Page 3, Line 13 - following word "in" delete "the"
- Page 5, Line 14 - change "wise" to "wide"
- Page 9, substitute replacement Page 9 and add Page 9a (dated 10/29/71)
- Page 15, Line 7 - change "is" to "it"

*revised per letter
dated 10-29-71*

2. Operating Experience

For the operating period ending June 30, 1971 the radioactive releases from the plant were a small fraction of 1% of the Technical Specifications-allowed releases. During the period liquid releases amounted to 4.5×10^{-6} percent. Related gaseous releases were 28×10^{-3} percent for noble gases and 12×10^{-2} percent for iodines and particulates. Solid wastes generated during the period had a total activity of 7.6 curies and all of this material was shipped off-site to an AEC approved disposal facility. Further data can be found in the Six-Month Operating Report No. 1 submitted to the AEC Division of Reactor Licensing on August 30, 1971.

On July 14, 1971 a series of events occurred, initiated by an equipment malfunction, that resulted in an unexpected gaseous release at a rate of about 35,000 micro curies per second ($\mu\text{ci}/\text{sec}$) through the main stack and about 20,000 $\mu\text{ci}/\text{sec}$ through the reactor building vent, which persisted for a period of about 30 minutes. This release was well within the Technical Specification limit and was promptly reported to AEC. Subsequent analysis of this release has shown the maximum integrated off-site dose to be about 0.033 millirem at the site boundary. Such a dose is insignificant compared to a natural background radiation of about 120 millirem per year in the Monticello area.

With the plant now operating for longer periods of time near maximum load, the amount of radioactivity released has increased slightly but still is less than a few percent of the Technical Specification limits. During the review period it is expected that the radwaste releases will be less than 5% of the Technical Specification limits.

The nearest public water supply using Mississippi River water is the Minneapolis-St Paul system about 35 miles downstream from the plant. As a result, liquid releases before discharge to the river must conform to the Technical Specification limits on an instantaneous batch-by-batch basis without