

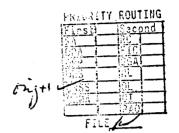


April 1, 1986

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Northern States Power Company

414 Nicollet Mall Minneapolis, Minnesota 55401 Telephone (612) 330-5500



Regional Administrator Region III U S Nuclear Regulatory Commission 799 Roosevelt Road Glen Ellyn, Illinois 60137

> Monticello Nuclear Generating Plant Docket No. 50-623 License No. DPR-22

Inenbouted 81782

Page Revisions to Effluent and Waste Disposal Semi-Annual Report for July 1, 1985 through December 31, 1985

The Semi-Annual Effluent and Waste Disposal Report for July 1, 1985 through December 31, 1985 has been revised to incorporate Sr-89 and Sr-90 analysis results that arrived from our contractor too late to be incorporated in the report submitted on March 1, 1986.

Please replace pages 3, 6, 7 and 8 of the subject report with the attached, revised pages.

Trud & Ley , Ja

F. L. Fey, Jr., General Superintendent Radiological Protection and Chemistry Nuclear Generation Department

Attachment

cc: U S NRC, Document Control Desk (1)
 G. Charnoff (w/o attachment)

MPCA

Attn: J W Ferman

Resident Inspector, US NRC Project Manager, US NRC Bert Clark

File

qdw

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RETS MASTER FILE

Northern States Power Company EFF-8

NSP

March 1, 1986

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Corrections

Monticello Nuclear Generating Plant
Docket No. 50-623 License No. DPR-22

Effluent and Waste Disposal Semi-Annual Report for July 1, 1985 through December 31, 1985

In accordance with the Monticello Technical Specifications, Appendix A to Operating License DPR-22, we are submitting one copy of the Effluent and Waste Disposal Semi-Annual Report covering the last half of 1985.

Analyses for isotopes Sr-89 and Sr90 were not completed for Quarter 4 in time to be included in this report. A separate submittal will be made when they are available.

Fred Litery

F. L. Fey, Jr., General Superintendent Radiological Protection and Chemistry Nuclear Generation Department

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 G. Charnoff (w/o attachment)
 MPCA

Attn: J W Ferman Resident Inspector, US NRC Project Manager, US NRC Bert Clark File:

gdw

Period: Jul - Dec 1985

License No. DPR-22

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT

Supplemental Information

- 1. Regulatory Limits Quarterly levels requiring reporting to Nuclear Regulatory Commission
 - A. Noble Gases:

5 mrad/quarter gamma radiation
10 mrad/quarter beta radiation

- B. Long Lived Iodines, Particulates, and Tritium:
 - 7.5 mrem/quarter to any organ
- C. Liquid Effluents:
 - 1.5 mrem/quarter dose to the total body
 - 5.0 mrem/quarter dose to any organ
- 2. Maximum Permissible Concentrations:
 - A. Noble Gases:
 10 CFR Part 20, Appendix B, Table II, Column 1
 - B. Long Lived Iodines, Particulates, and Tritium: 10 CFR Part 20, Appendix B, Table II, Column 1
 - C. Liquid Effluents:

10 CFR Part 20, Appendix B, Table II, Column 2 2 E-04 uci/ml for dissolved and entrained gases

3. Average Energy:

(Not Applicable)

Period: Jul - Dec 1985 License No. DPR-22

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT

Supplemental Information (continued)

- . Measurements and Approximations of Total Radioactivity:
 - A. Noble Gases:
 Continuous gross activity monitors in Reactor Building Vent and plant stack exhaust streams. Weekly isotopic analysis of steam jet air ejector stream. Monthly analysis of storage tank contents.
 - B. Iodines in Gaseous Effluent: Continuous monitoring with charcoal cartridges in Reactor Building vent and plant stack exhaust streams with weekly analysis.
 - C. Particulates in Gaseous Effluent: Continuous monitoring with particulate filters in Reactor Building vent and plant stack exhaust streams with weekly analysis.
 - D. Tritium in Gaseous Effluent: Continuous monitoring with silica gel cartridges in Reactor Building vent and plant stack exhaust streams with biweekly analysis.
- E. Liquid Effluents:
 Tank sample analyzed prior to each planned release and continuous
 monitoring of gross activity during planned release.

. Batch Releases:

A. Liquid:

	1. Number of Batch Releases	0	
	2. Total Time Period For Batch Releases	0.0	Min
	3. Maximum Time Period for a Batch Release	0.0	Min
	4. Average Time Period for a Batch Release	0.0	Min
	5. Minimum Time Period for a Batch; Release	0.0	Min
	6. Average River Flow During Releases	0.0	Cf/sec
•			·
В.	Gaseous:	:	4
•	1. Number of Batch Releases	0	
:	2. Total Time Period for Batch Releases	NA :	Min
	3. Maximum Time Period for a Batch Release	NA	Min
. ·	4. Average Time Period for a Batch Release	NA	Min
• •	5. Minimum Time Period for a Batch Release	NA	Min

. Abnormal Releases:

A.	Liquid:			
	1. Number of Releases	•	0	
	2. Total Activity Released	، منته	0.0	Ci
в.	Gaseous:			
	1. Number of Releases		0	
	2 Total Activity Released		0.0	Ci





April 1, 1986

Region III

Regional Administrator

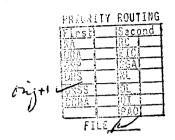
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FACIL: 50-263 Monticello Nuclear Generating Plant, Northern States

AUTH. NAME

AUTHOR AFFILIATION

FEY, F. L.

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RECIP. NAME

RECIPIENT AFFILIATION

Region 3, Office of Director

SUBJECT: Forwards revised Pages 3.6.7 & 8 to "Effluent & Waste

Disposal Semiannual Rept, Jul-Dec 1985, "incorporating Sr-89

& Sr-90 analysis results.

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL		RECIPIENT ID_CODE/NAME		COPIES LTTR ENCL	
	BWR PD1 PD 04	5	5	BUR PSR	4731 IC	3	3
INTERNAL:	AEOD	1	1	IE FILE	01	1	1
	NRR BWR ADTS	1	1	NRR PWR-A	DTS	1	1
	NRR PWR-B ADTS	1	1	NRR/DSRO/RF	1	1	1
	RGN2/DRSS/EPRPB	1	1	RM/DDAMI/M	I B	1	1
EXTERNAL:	24X	1	1	LPDR	03/	1	1
	NRC PDR 02	1	1		. \		