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DESCRIPTION:

Ltr re Semi-Annual Report #7.....trans the following....

ENCLOSURES:

Correction #2 to the Semi-Annual Report #7

ACKNOWLEDGED

(40 cys encl rec'd)

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PLANT NAME: Monticello

FOR ACTION/INFORMATION 10-24-74 JB

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Regulatory Docket File

NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

RECEIVED
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U.S. ATOMIC ENERGY COMMISSION
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October 10, 1974

Mr. J F O'Leary
Directorate of Licensing
Office of Regulation
U S Atomic Energy Commission
Washington, DC 20545

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Dear Mr. O'Leary:

MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

Correction No. 2 to Semi-Annual Operating Report #7

The Monticello Semi-Annual Operating Report #7 covering the period of January 1 to June 30, 1974 should be corrected as follows:

a) An error has been discovered in the June, 1974 iodine release computations. Items V.A.2.a and V.A.2.b should be corrected as follows:

2. Iodine Releases

a. Total iodine radioactivity (Curies)

	June		Total	
	Before	After	Before	After
I^{131}	0.806	0.751	1.93	1.87
I^{133}	3.79	2.12	5.32	3.65
I^{135}	23.32	6.22	24.97	7.87

b. Percent of Technical Specification limit of I^{131}

June		Total	
Before	After	Before	After
66.40	66.35	42.84	42.02

10635

b) Data on relief valve operation should be added to the report. This information was inadvertently omitted.

Punched corrected pages are attached. A page incorporating the correction to page II-1 reported in our letter of September 12, 1974, is also included.

Yours very truly,

L. O. Mayer

L O Mayer, PE
Director of Nuclear Support Services

LOM/DMM/kn

cc: J G Keppler
G Charnoff
Minnesota Pollution Control Agency
Attn. E A Pryzina

Attachment

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Revised 10/8/74

J. Relief Valve Actuation

January 1, 1974 - June 30, 1974

Date	How Initiated	No. of Operations
	RV 2-71A	
5/18/74	Manually during operability test.	1
6/19/74	Auto during scram.	1
	RV 2-71B	
5/18/74	Manually during operability test.	1
	RV 2-71C	
5/18/74	Manually during operability test.	1
	RV 2-71D	
5/18/74	Manually during operability test.	1
	RV 2-71E	
5/18/74	Manually during operability test.	1
5/21/74	Manually during operability test.	1
6/19/74	Auto during scram.	1
	RV 2-71F	
5/18/74	Manually during operability test.	1
6/19/74	Auto during scram.	1
	RV 2-71G	
5/18/74	Manually during operability test.	1
5/19/74	Manually during operability test.	1
5/21/74	Manually during operability test.	1
5/21/74	Manually during operability test.	1
	RV 2-71H	
5/18/74	Manually during operability Test.	1

Revised 10/8/74

II. POWER GENERATION AND SHUTDOWNS

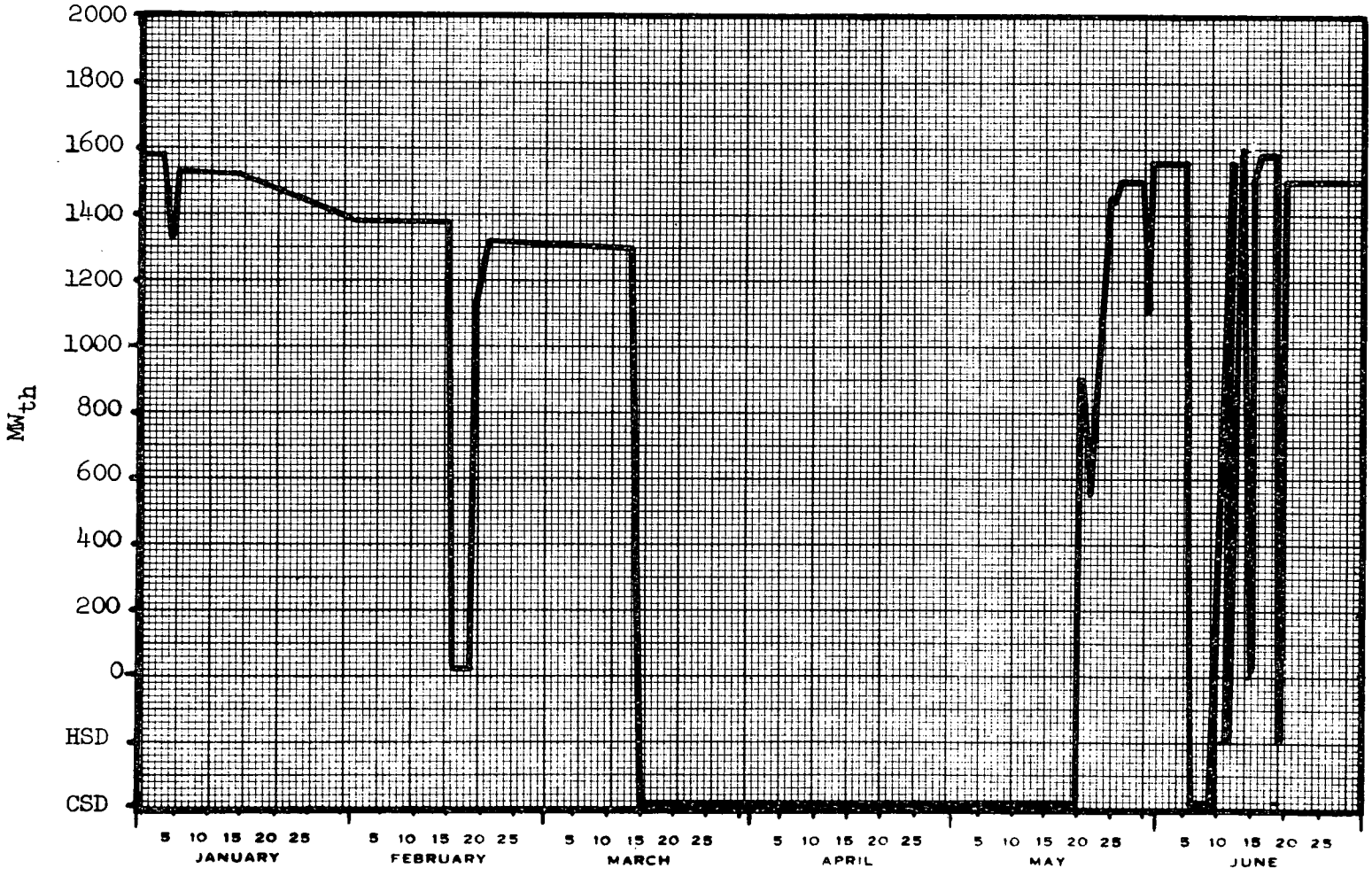
A. Power Generation Statistics (refer to table below):

YEAR: 1974	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTALS
GROSS THERMAL POWER GENERATED (MWH)	1,084,831	806,189	425,832	0	307,152	857,400	3,481,404
GROSS ELECT. POWER GENERATED (MWH)	374,870	275,270	145,270	0	107,510	293,860	1,196,780
NET ELECT. POWER GENERATED (MWH)	360,710	263,986	138,334	-1,342	101,524	280,974	1,144,186
NUMBER OF HOURS REACTOR CRITICAL	743	672	341	0	339	649	2,744
NUMBER OF HOURS GENERATOR ON LINE	743	609.3	338.7	0	251	591	2,533

Revised 9/12/74

MONTICELLO NUCLEAR GENERATING PLANT

REACTOR THERMAL POWER HISTOGRAM



YEAR 1974

V. Radioactive Effluent Releases

A. Gaseous Effluents

1. Gross Radioactive Release

a. Total gross radioactivity (Curies)

January	February	March	April	May	June	Total
276,600	217,500	106,400	210	31,846	115,200	747,396

b. Maximum gross radioactivity release rate in any one hour period (uci/sec)

January	February	March	April	May	June	Total
185,050	172,562	113,996	350	101,186	94,404	-

c. Total gross radioactivity by nuclide (Curies)

	January	February	March	April	May	June	Total
Kr^{85}	1330	1220	540	x	80	640	3810
Xe^{133}	40670	35800	15290	x	4140	13780	109680
Kr^{88}	38040	35750	15540	x	3750	14130	107210
Kr^{87}	38710	31900	14520	x	3770	10770	99670
Kr^{85M}	17560	16060	7480	x	2090	8490	51680
Xe^{138}	27040	18250	7840	x	4630	19210	76970
Xe^{135}	109400	78400	41600	x	10240	37910	277550
Ar^{41}	x	x	x	x	x	x	x

d. Percent of Technical Specification limit

January	February	March	April	May	June	Total
33.90	33.30	16.20	0.03	3.90	17.60	17.60

2. Iodine Releases

a. Total iodine radioactivity by nuclide (Curies)

	January	February	March	April	May	June	Total
I^{131}	0.327	0.299	0.443	0.0314	0.0927	0.751	1.87
I^{133}	0.602	0.301	0.114	x	0.508	2.12	3.65
I^{135}	0.402	0.257	0.0993	x	0.891	6.22	7.87

Revised 10/8/74

b. Percent of Technical Specification limit of I^{131}

January	February	March	April	May	June	Total
42.40	39.30	105.70	8.32	4.67	66.35	42.02

3. Particulate Releases

a. Gross radioactivity (β, γ) released (Curies)

January	February	March	April	May	June	Total
1.06×10^{-2}	1.11×10^{-2}	7.2×10^{-3}	1.36×10^{-3}	7.66×10^{-3}	1.53×10^{-2}	5.33×10^{-2}

b. Gross alpha radioactivity released (Curies)

January	February	March	April	May	June	Total
x	x	x	x	x	x	x

c. Total gross radioactivity released of nuclides of greater than an 8 day half-life (Curies)

January	Febraury	March	April	May	June	Total
3.2×10^{-3}	7.4×10^{-3}	3.1×10^{-3}	1.1×10^{-3}	5.4×10^{-3}	8.9×10^{-3}	2.9×10^{-2}

d. Percent of Technical Specification limit for particulates with greater than an 8 day half-life.

January	February	March	April	May	June	Total
1.30	2.90	1.20	0.96	1.52	2.83	1.81

4. Liquid Effluents

a. No liquid effluent releases were made during the six month reporting period.

X - Unidentified and/or undetectable

Revised 10/8/74