

50-263

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

INCIDENT REPORT

TO:

Mr. J. G. Keppler

FROM:

Northern States Power Company
Minneapolis, Minnesota
L. O. Mayer

DATE OF DOCUMENT

9/22/76

DATE RECEIVED

9/27/76

☒ LETTER
☐ ORIGINAL
☒ COPY☐ NOTORIZED
☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

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DESCRIPTION

Ltr. trans the following:

ACKNOWLEDGED

(1-P)

DO NOT REMOVE

PLANT NAME:

Monticello

ENCLOSURE

Licensee Event Report (RO 50-263/76-18)
on 9/9/76 concerning Torus Water Volume
being below tech spec limit.

(1-P)

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

SAFETY

FOR ACTION/INFORMATION

ENVIRO 9/28/76 RJL

☒ BRANCH CHIEF: Ziemann
☒ W/3 CYS FOR ACTION
☒ LIC. ASST.: Diggs
W/ 1 CYS
ACRS 16 CYS HOLDING/SENT TO LA

INTERNAL DISTRIBUTION

☒ REG FILE
☒ NRC PDR
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☒ EISENHUT
☒ BAER
☒ SHAO
☒ VOLLMER/BUNCH
☒ KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

☒ PDR: Minneapolis, Minn.
☒ IC:
☒ MSIC:

CONTROL NUMBER

9778

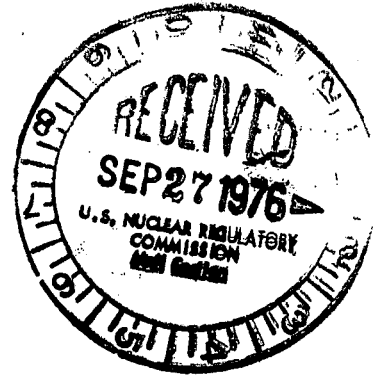
NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

September 22, 1976

Mr J G Keppler, Director, Region III
Office of Inspection & Enforcement
U S Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137



Dear Mr Keppler:

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

Torus Water Volume Below Limit

The Licensee Event Report for this occurrence is reproduced on the back of this letter. Enclosed are 3 copies.

Yours very truly,

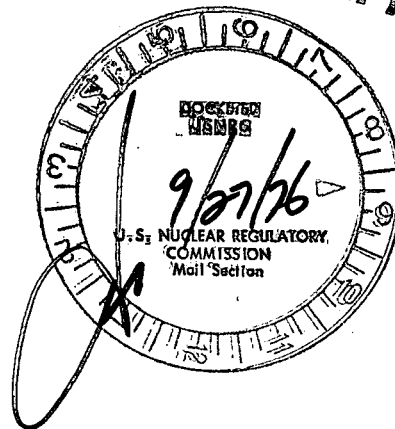
L. O. Mayer

L O Mayer, PE
Manager, Nuclear Support Services

LOM/MHV/deb

cc: Director, IE, USNRC (40)
Director, MIPC, USNRC (3)
G Charnoff
MPCA
Attn: J W Ferman

REGULATORY DOCKET FILE COPY



9778

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 6

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME 01 M N M N P 1 7 8 9 14	LICENSE NUMBER 0 0 - 0 0 0 0 0 - 0 0 15 25	LICENSE TYPE 4 1 1 1 1 26 30	EVENT TYPE 0 1 31 32
CATEGORY 01 CONT 7 8 57 58	REPORT TYPE T 59	REPORT SOURCE L 60	DOCKET NUMBER 0 5 0 - 0 2 6 3 61 68
EVENT DATE 0 9 0 9 7 6 69 74		REPORT DATE 0 9 2 2 7 6 75 80	

EVENT DESCRIPTION

02	DURING NORMAL OPERATION, INVESTIGATION OF DRYWELL-TORUS PRESSURE DIFFERENTIAL	80
03	EFFECT ON TORUS WATER LEVEL-VOLUME CORRELATION DISCLOSED VOLUME SLIGHTLY BELOW TECH	80
04	SPEC. LIMIT. LEVEL LOWERED SLIGHTLY ON 9-7-76 IN RESPONSE TO RECENT NRC DESIRE TO	80
05	STAY CLOSER TO LOW LIMIT. CORRELATION USED DID NOT ACCOUNT FOR WATER DISPLACED FROM	80
06	VENTS DUE TO PRESSURE DIFFERENTIAL. NO REDUNDANT SYSTEM.	80

SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07 S A	A	Z Z Z Z Z Z	Z	Z 9 9 9	Y
7 8 9 10	11	12 17	43	44 47	48

CAUSE DESCRIPTION

08	FAILURE TO ACCOUNT FOR EFFECT OF DRYWELL-TORUS PRESSURE DIFFERENTIAL WHEN SPECIFYING	80
09	DESIRED TORUS WATER LEVEL. WATER VOLUME WAS INCREASED AND A NEW VOLUME VS LEVEL	80
10	CORRELATION WAS ISSUED.	80

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11 E	1 0 0	NA	C	Investigation
7 8 9	10 12 13	44	45	46 80

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12 Z	Z	NA	NA
7 8 9	10 11	44	45 80

PERSONNEL EXPOSURES

13	NUMBER	TYPE	DESCRIPTION	80
	0 0 0	Z	NA	
7 8 9	11 12 13			

PERSONNEL INJURIES

14	NUMBER	DESCRIPTION	80
	0 0 0	NA	
7 8 9	11 12		

OFFSITE CONSEQUENCES

15	NA	80
7 8 9		

LOSS OR DAMAGE TO FACILITY

16	TYPE	DESCRIPTION	80
	Z	NA	
7 8 9	10		

PUBLICITY

17	NA	80
7 8 9		

ADDITIONAL FACTORS

18	(EVENT DESCRIPTION CONT'D) NO PREVIOUS SIMILAR OCCURRENCES. VOLUME INCREASED	80
7 8 9		
19	ABOVE LIMIT. (M-RO-76-18)	80
7 8 9		

NAME: M. H. Clarity

PHONE: 612/295-5151

NSEP

NORTHERN STATES POWER COMPANY
Monticello Nuclear Generating Plant
Monticello, MT 55362

September 10, 1976

20 76-18

Mr. J. G. Keppler, Director
Region III
Office of Inspection and Enforcement
United States Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

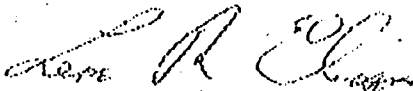
Dear Mr. Keppler:

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

On September 9, 1976, it was found that torus water volume was several hundred cubic feet below the 68,000 cubic foot minimum required by Technical Specification 3.7.A.1 (e). Torus water level had been reduced slightly on September 7, 1976, in response to recently expressed NRC desire that level be maintained closer to the low limit to minimize structural loads during a LOCA. The correlation between volume and indicated level which was used to establish the desired level had not been corrected to account for water displaced from the vent downcomers due to the drywell - torus pressure differential.

Upon discovery, the water volume was increased to slightly above the limit, and a new volume vs level correlation was issued.

Yours very truly,


L. R. Eliason
Plant Manager

LRE/sdd

cc: Director, Office of Management Information & Program Control (2 copies)
G Charneff
Minnesota Pollution Control Agency
Attn: J W Fernan
File

Copy sent by telecopier to Keppler.

Rec'd 1:52 9/10/76