

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS) DISTRIBUTION FOR INCOMING MATERIAL 50~263

REC: KEPPLER J G

NRC

ORG: MAYER L O N STATES PWR

DOCDATE: 09/01/78

DATE RCVD: 09/06/78

DOCTYPE: LETTER

SUBJECT:

NOTARIZED: NO

COPIES RECEIVED ENCL 1

LTR 1 FORWARDING LICENSEE EVENT REPT (RO 50-363/78-015) ON 08/05/78 CONCERNING

AFTER CONTROL ROD ADJUSTMENTS AT 70% PWR, IT WAS DISCOVERED THAT 1 APRM SCRAM TRIP SETTTING WAS 4 TO 5% LOW...ONE OTHER APRM IN THAT CHANNEL WAS BYPASSED,

LEAVING ONE OPERABLE APRM

PLANT NAME: MONTICELLO

REVIEWER INITIAL: MUX

DISTRIBUTOR INITIAL: P-

\*\*\*\*\*\*\*\*\*\*\*\* DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS \*\*\*\*\*\*\*\*\*\*\*

INCIDENT REPORTS (DISTRIBUTION CODE A002)

FOR ACTION:

BR CHIEF ORB#3 BC\*\*W/4 ENCL

INTERNAL:

REG FILE \*\* \*\* // ENCL W ERRW/2 ENCL

I & C SYSTEMS BR\*\*W/ENCL

NOVAK/CHECK\*\*W/ENCL AD FOR ENG\*\*W/ENCL

HANAUER\*\*W/ENCL

AD FOR SYS & PROJ\*\*W/ENCL

ENGINEERING BR\*\*W/ENCL KREGER/J. COLLINS\*\*W/ENCL

K SEYFRIT/IE\*\*W/ENCL

NRC PDR\*\*W/ENCL MIPC\*\*W/3 ENCL

EMERGENCY PLAN BR\*\*W/ENCL

EEB\*\*W/ENCL

PLANT SYSTEMS BR\*\*W/ENCL

AD FOR PLANT SYSTEMS\*\*W/ENCL

REACTOR SAFETY BR\*\*W/ENCL

VOLLMER/BUNCH\*\*W/ENCL POWER SYS BR\*\*W/ENCL

EXTERNAL:

LPDR18

MINNEAPOLIS, MN\*\*W/ENCL

NSIC\*\*W/ENCL

ACRS CAT B\*\*W/16 ENCL

DISTRIBUTION: SIZE: 1P+1P

LTR 44

ENCL 44

CONTROL NER:

78249007

THE END



## NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

September 1, 1978

Mr J G Keppler
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

## APRM Low Gain Setting

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

This event is reported in compliance with Technical Specification 6.7.B.2a since it represents an instrument setting deviation which would not have prevented proper operation of the reactor protection system.

Yours very truly,

Daw Musolf For

L O Mayer, PE

Manager of Nuclear Support Services

LOM/DMM/ak

cc: Director, IE, USNRC (30)

Director, MIPC, USNRC (3)

MPCA

Attn: J W Ferman

782490077

bostom to

## LICENSEE EVENT REPORT

:	CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
0 1 8	M N M N P 1 2 0 0 - 0 0 0 0 - 0 0 3 4 1 1 1 1 1 5 E  B LICENSE CODE 14 57 CAT 58
CON'T 0 1 7 8	REPORT L 6 0 5 0 0 0 2 6 3 7 0 8 0 5 7 8 8 0 9 0 1 7 8 9  EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
0 2	After control rod adjustments at 70% power, it was discovered that 1 APRM scram trip
0 3	setting was 4 to 5% low. One other APRM in that channel was bypassed, leaving
0 4	one operable APRM in the channel. Technical Specifications 3.1.A requires two
0 5	operable APRMs per channel (Table 3.1.1). Since one APRM in that channel was
0 6	bperable, a high flux scram would have occurred at the proper power level. The
0 7	event had no effect on the public health or safety. Two previous occurrences
08	(AO-14, 5-15-72, M-RO-78-11, 6-6-78).
0 9	SYSTEM CAUSE CAUSE COMPONENT CODE SUBCODE SUBC
	TYPE NO.    TYPE   NO.
	21 22 23 24 26 27 28 29 30 31 32  ACTION FUTURE EFFECT SHUTDOWN HOURS 22 ATTACHMENT FORM SUB. SUPPLIER
10	Large power shape changes resulted in LPRM output changes, which decalibrated one
	APRM. The operations manual does not explicitly require APRM gain checks after
1 2	control rod adjustments. The gain setting was immediately corrected. Procedures
1 3	were revised to require APRM checks during rod movements. In addition, a design
1 4	change has been initiated to alarm APRM gain settings that approach spec limits.
1 5	Facility STATUS % POWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32 B 31 Operator Observation
	CTIVITY CONTENT ELEASED OF RELEASE AMOUNT OF ACTIVITY 35  Z 33 Z 34 NA  NA  NA
17	PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39  O O O 37 Z 38 NA
7 8	9 PERSONNEL INJURIES 13 80 NUMBER DESCRIPTION 41 0 0 0 0 40 NA
1 9	9 11 12 LOSS OF OR DAMAGE TO FACILITY (43) TYPE DESCRIPTION  Z (42) NA
2 0	9 PUBLICITY SSUED DESCRIPTION 45 NRC USE ONLY
7 8	9 10 68 69 80 5 NAME OF PREPARER A L MYRABO PUONE. 612/295-5151 Fyt. 239 6