

NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

PPR

September 10, 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

Reduction in MAPLHGR Limits at Reduced Core Flow

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

Yours very truly,

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



9212110224 760903
PDR ADOCK 05000263
S PDR

-over-

9324

UPDATE REPORT PREVIOUS REPORT DATE 08/11/76
 LICENSEE EVENT REPORT

CONTROL BLOCK 1 2 3 4 5 6

(PLEASE PRINT ALL REQUIRED INFORMATION)

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

EVENT DESCRIPTION

02 Generic ECCS Model analysis for BWR-3's indicates 2200°F PCT may be exceeded at																																																																															
03 reduced core flows. A 5% reduction in MAPLHGR at less than 90% core flow has been																																																																															
04 implemented. This will continue until further analysis is completed. No previous																																																																															
05 occurrences (M-RO-76-12)																																																																															
06																																																																															

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

CAUSE DESCRIPTION

08 At reduced flows where the onset of transition boiling could occur, conservative																																																																															
09 heat transfer coefficients are applied which decrease heat transfer away from clad																																																																															
10 and increase PCT.																																																																															

FACILITY STATUS 11 Z										% POWER 0 0 0										OTHER STATUS NA										METHOD OF DISCOVERY B										DISCOVERY DESCRIPTION NA																			
7 8 9										10										12 13										44										45										46									
FORM OF ACTIVITY RELEASED 12 Z										CONTENT OF RELEASE Z										AMOUNT OF ACTIVITY NA										LOCATION OF RELEASE NA																													
7 8 9										10										11										44										45										80									

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

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

OFFSITE CONSEQUENCES

15 NA																																																																															
7 8 9																																																																															

LOSS OR DAMAGE TO FACILITY

TYPE 16 Z										DESCRIPTION NA									
7 8 9										10									

PUBLICITY

17 NA																																																																															
7 8 9																																																																															

ADDITIONAL FACTORS

18 Subsequent to previous report, notification received that MAPLHGR reduction should																																																																															
19 apply below 90% core flow rather than 85%.																																																																															

NAME D E Nevinski PHONE 612/295-5151