

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8308090619 DOC. DATE: 83/07/29 NOTARIZED: NO DOCKET #
 FACIL: 50-263 Monticello Nuclear Generating Plant, Northern States 05000263
 AUTH. NAME AUTHOR AFFILIATION
 MUSOLF, D. Northern States Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 Office of Nuclear Reactor Regulation, Director

SUBJECT: Responds to DB Vassallo 830613 ltr re NUREG-0737, Item
 II.K.3.18, "Automatic Depressurization Sys Logic Mods." Low
 reactor pressure ECCS pump start inter lock must be
 considered for either of two acceptable options.

DISTRIBUTION CODE: A046S COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2
 TITLE: OR Submittal: TMI Action Plan Rgmt NUREG-0737 & NUREG-0660

NOTES:

RECIPIENT		COPIES		RECIPIENT		COPIES	
ID	CODE/NAME	LTTR	ENCL	ID	CODE/NAME	LTTR	ENCL
NRR	ORB2 BC 01	7					
INTERNAL:	ELD/HDS1	1		IE/DEPER DIR	33	1	
	IE/DEPER/EPB	3		IE/DEPER/IRB		1	
	NRR PAWLSON, W.	1		NRR/DHFS/DEPY29		1	
	NRR/DL DIR 14	1		NRR/DL/ADL 16		1	
	NRR/DL/ORAB 18	3		NRR/DSI/ADRS 27		1	
	NRR/DSI/AEB	1		NRR/DSI/ASB		1	
	NRR/DSI/RAB	1		NRR/DST DIR 30		1	
	REG FILE 04	1		RGN3		1	
EXTERNAL:	ACRS 34	10	10	INPO, J. STARNES		1	1
	LPDR 03	1	1	NRC PDR 02		1	1
	NSIC 05	1	1	NTIS		1	1

TOTAL NUMBER OF COPIES REQUIRED: LTTR 42 ENCL 1



Northern States Power Company

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

July 29, 1983

Director
Office of Nuclear Reactor Regulation
U S Nuclear Regulatory Commission
Washington, DC 20555

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

Information Related to NUREG-0737, Item II.K.3.18,
ADS Logic Modifications

- Reference:
- a) Letter from L O Mayer, NSP, to Director, Office of Nuclear Reactor Regulation, USNRC, dated April 1, 1982.
 - b) Letter from L O Mayer, NSP to Director of Nuclear Reactor Regulation, USNRC, dated April 1, 1981.

The purpose of this letter is to provide information in response to a letter dated June 13, 1983, from Mr Domenic B Vassallo, Chief, Operating Reactors Branch #2, Division of Licensing. Previous information related to this issue was provided by NSP in references (a) and (b).

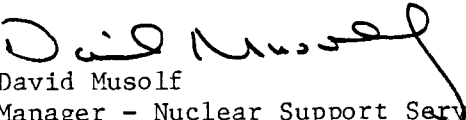
Subsequent to the submittal of references (a) and (b), plant specific evaluation of the BWR Owner's Group (BWROG) report disclosed that the two acceptable options to the present ADS logic cannot be implemented without further analysis. Early BWR-3 plants, such as Monticello, have a low reactor pressure ECCS pump start interlock that must be considered for either of these options. Therefore, Monticello cannot adopt either of the two options identified at this time.

General Electric and the BWROG have been informed of our findings. General Electric is investigating this issue and will inform other facilities with logic design similar to Monticello's. A study will be conducted and a report prepared supplementing the previous feasibility studies undertaken by the BWROG. This report will be provided to the NRC Staff for their review. We believe this issue can be resolved on a schedule which will permit any required modifications to be completed during our 1984 refueling outage.

NORTHERN STATES POWER COMPANY

Dir of NRR
July 29, 1983
Page 2

Proposed Technical Specifications including justification for any timer settings, if appropriate, will be provided following resolution of this matter with the NRC Staff.


David Musolf
Manager - Nuclear Support Services

DMM/bd

cc: Regional Administrator-III, NRC
NRR Project Manager, NRC
Resident Inspector, NRC
G Charnoff