

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8410310423      DOC. DATE: 84/10/24      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: Submits proposal for plant automatic depressurization sys  
 logic mods to meet requirements of NUREG-0737,  
 Item II.K.3.18, Review & approval of options by 851101  
 requested. GE topical repts encl.

DISTRIBUTION CODE: A046D      COPIES RECEIVED: LTR 1 ENCL 40 <sup>on strip</sup> SIZE: 2+43  
 TITLE: OR Submittal: TMI Action Plan Rgmt NUREG-0737 & NUREG-0660

NOTES: 05000263  
 OL: 09/08/70

	RECIPIENT ID CODE/NAME	COPIES LTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTR ENCL
	NRR ORB2 BC 01	7 7		
INTERNAL:	ADM/LFMB	1 0	ELD/HDS1	1 0
	IE/DEPER DIR 33	1 1	IE/DEPER/EPB	3 3
	IE/DEPER/IRB	1 1	NRR PAULSON, W.	1 1
	NRR/DHFS DEPY29	1 1	NRR/DL DIR 14	1 1
	NRR/DL/ORAB 18	3 3	NRR/DSI/ADRS 27	1 1
	NRR/DSI/AEB	1 1	NRR/DSI/ASB	1 1
	NRR/DSI/RAB	1 1	NRR/DST DIR 30	1 1
	<u>REG FILE</u> 04	1 1	RGN3	1 1
	RGN2/DRSS/EPRPB	1 1		
EXTERNAL:	ACRS 34	10 10	LPDR 03	1 1
	NRC PDR 02	1 1	NSIC 05	1 1
	NTIS	1 1		



Northern States Power Company

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

October 24, 1984

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

Implementation of NUREG-0737, Item II.K.3.18,  
ADS Logic Modifications

The purpose of this letter is to provide, for NRC Staff review and approval, our proposal for plant modifications to meet the requirements of NUREG-0737, Item II.K.3.18.

In our letter dated July 29, 1983 we reported that the two BWR Owners' Group options found acceptable by the NRC Staff for modifying the Automatic Depressurization System (ADS) logic could not be implemented at Monticello or other BWR-3 plants. These plants have a low reactor pressure start interlock for the low pressure emergency core cooling system (ECCS) pumps. General Electric was requested to investigate this issue and recommend an alternative modification.

General Electric has completed their investigation and has recommended modifications to the start logic of the low pressure ECCS pumps to permit either of the two ADS logic modifications approved by the NRC to be implemented. The recommended modifications are described in General Electric Report AE-06-0184, Rev 1, July, 1984, "Modification of ECCS Pump Start Logic" which is provided as Attachment 1.

Northern States Power Company has chosen to implement Option 2B described in AE-06-0184. A detailed analysis to determine bypass timer setting has been performed by General Electric and is described in General Electric Report AE-79-0884, August 29, 1984, "Bypass Timer Calculation for the ADS/ECCS Modification for Monticello" which is provided as Attachment 2.

We propose the implementation of Option 2B described in Attachment 1 with the 20-minute bypass timer setting supported by the analysis in Attachment 2. The modification will be scheduled for our next refueling outage planned for early 1986 if it is found acceptable to the NRC.


8410310423 841024  
PDR ADOCK 05000263  
PDR  
P

*AOAL*  
*1/10*

Director of NRR  
October 24, 1984  
Page 2

Northern States Power Company

Please contact us if you have any questions related to our proposed modification. To permit us to complete this work during the 1986 refueling outage, NRC review and approval of the option we have chosen is requested by November 1, 1985.

  
David Musolf  
Manager - Nuclear Support Services

DMM/dab

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

Attachments