

**ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM**  
 REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8808290115      DOC.DATE: 88/08/12      NOTARIZED: YES      DOCKET #  
 FACIL:50-263 Monticello Nuclear Generating Plant, Northern States      05000263  
 AUTH.NAME      AUTHOR AFFILIATION  
 LARSON,C.E.      Northern States Power Co.  
 RECIP.NAME      RECIPIENT AFFILIATION  
    Document Control Branch (Document Control Desk)

SUBJECT: Provides addl response to NRC Bulletin 85-003, Suppl 1, Item (e).

DISTRIBUTION CODE: IE11D      COPIES RECEIVED: LTR 1 ENCL 1      SIZE: 4  
 TITLE: Bulletin Response (50 DKT)

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD3-1 LA	1 0	PD3-1 PD	1 1
	WRIGHT,R	1 1		
INTERNAL:	AEOD/DOA	1 1	AEOD/DSP	1 1
	AEOD/DSP/TPAB	1 1	NRR ALEXION,T	1 1
	NRR RIVENBARK,G	1 1	NRR/DEST/ADE 8H	1 1
	NRR/DEST/ADS 7E	1 1	NRR/DEST/MEB 9H	1 1
	NRR/DOEA/EAB 11	1 1	NRR/DOEA/GCB 11	1 1
	NRR/DREP/EPB 10	1 1	NRR/PMAS/ILRB12	1 1
	NUDOCS-ABSTRACT	1 1	<u>REG FILE</u> 02	1 1
	RES/DSIR/EIB	1 1	RGN3 FILE 01	1 1
EXTERNAL:	LPDR	1 1	NRC PDR	1 1
	NSIC	1 1		

F  
I  
I  
S  
/  
A  
I  
D  
S  
/  
A  
D  
D  
S



August 12, 1988



Northern States Power Company

414 Nicollet Mall  
Minneapolis, Minnesota 55401  
Telephone (612) 330-5500  
NRC Bulletin 85-03  
Supplement No. 1

Director of Nuclear Reactor Regulation  
U S Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

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

Additional Response to NRC Bulletin 85-03, Supplement 1, Item (e)

- References:
- 1) Letter, C E Larson, NSP, to Director of NRR, "Additional Information Related to IE Bulletin 85-03", dated April 29, 1988
  - 2) General Electric Report NEDC 31322, Supplement 1, "BWR Owners' Group Report on the Operational Design Basis of Selected Safety-Related Motor-Operated Valves", dated July 1988
  - 3) Letter, C E Larson to Director of Nuclear Reactor Regulation, "IE Bulletin 85-03 Final Response", dated March 15, 1988

The following information is provided in response to NRC Bulletin 85-03, Supplement 1. In addition, information is provided which supplements our letter of April 29, 1988 (Reference 1).

Northern States Power Company has participated with the BWR Owners' Group (BWROG) to review the design basis for the operation of selected motor-operated valves with respect to recovery from inadvertent valve mispositionings. The results of the review are found in Reference (2). Reference (2) provides the basis for valve selection and contains the generic equations used to calculate the maximum expected differential pressures.

Using the equations contained in Reference (2), maximum expected differential pressures were calculated for the applicable motor-operated valves at the Monticello Plant. Attachment 1 of this submittal documents the results of these calculations and provides both the differential pressures previously submitted in Reference (3) and the more conservative differential pressures used in the "as-left" set-up of the motor-operated valves.

Based on a comparison of the revised maximum expected differential pressures with those differential pressures used in the "as-left" set-

8808290115 880812  
PDR ADOCK 05000263  
Q PNU

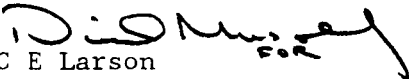
IE 11  
110

Director of NRR  
August 12, 1988  
Page 2

Northern States Power Company

up of the motor-operated valves, further switch adjustments are not required for 4 of the 5 valves listed in Attachment 1. MO-2080 (RCIC Trip and Throttle Valve), however, will require further testing to ensure valve recovery following an inadvertent valve mispositioning in accordance with Supplement 1. This testing will be conducted in a manner similar to that described in Reference (3) for the other Bulletin 85-03 valves and will be performed during the next plant refueling outage currently scheduled to start in August, 1989.

Please contact us if you have any questions related to this response to NRC Bulletin 85-03, Supplement 1.

  
C E Larson  
Vice President Nuclear Generation

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

Attachments: 1) Affidavit  
2) Revised Differential Pressures

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATING PLANT

DOCKET NO. 50-263

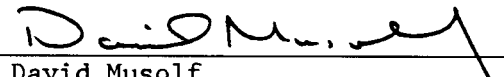
INFORMATION REQUIRED BY NRC BULLETIN  
85-03, SUPPLEMENT NO. 1, ITEM (e)

Northern States Power Company, a Minnesota corporation, with this letter is submitting information required by NRC Bulletin 85-03, Supplement No. 1, Item (e), for the Monticello Nuclear Generating Plant.

This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

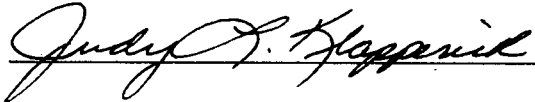
By

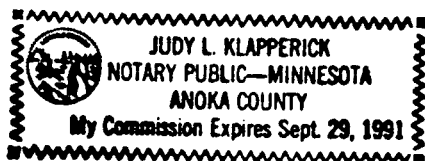


David Musolf

Manager Nuclear Support Services

On this 17 day of August 1988 before me a notary public in and for said County, personally appeared David Musolf, Manager Nuclear Support Services, and being first duly sworn acknowledged that he is authorized to execute this document on behalf of Northern States Power Company, that he knows the contents thereof, and that to the best of his knowledge, information, and belief the statements made in it are true and that it is not interposed for delay.





MONTICELLO NUCLEAR GENERATING PLANT

BULLETIN 85-03, SUPPLEMENT 1

REVISED DIFFERENTIAL PRESSURES

<u>Valve ID</u>	<u>Valve Description</u>	<u>Valve Operation</u>	<u>Previously Submitted DP (psi)</u>	<u>Supplement Revised DP (psi)</u>	<u>"As-left" Set-Up DP (psi)</u>
MO-2063	HPCI CST Suction Valve	Opening	22	37	70
MO-2067	HPCI Injection Valve Test Valve *	Opening	1142	1255	1650
MO-2080	RCIC Trip and Throttle Valve	Opening	**	1120	**
MO-2102	RCIC CST Suction Valve	Opening	23	38	82
MO-2106	RCIC Injection Valve Test Valve *	Opening	1292	1218	1400

\* BWR Owner's Group name for valve used.

\*\* Not previously evaluated. Valve's safety function is to close by spring action.