

~~Handwritten initials~~  
DCD

DEC 27 1989

Docket No. 50-282  
Docket No. 50-306

CAL RIII-89-027

Northern States Power Company  
ATTN: Mr. C. E. Larson  
Vice President, Nuclear  
Generation  
414 Nicollet Mall  
Minneapolis, MN 55401

Gentlemen:

This confirms the telephone conversation between Edward G. Greenman of this office and you on December 27, 1989, related to the Prairie Island Unit 2 plant trip caused by the opening of both Reactor Protection System motor generator set output breakers. With regard to this event, we understand that you will:

1. Complete an investigation to determine the cause of both Reactor Protection System motor generator set output breakers opening on 12/26/89.
2. Investigate and determine the root cause of the lockout for the 345kv substation Bus 1.
3. In light of the root causes determined for the above, assess your investigation of the trip that occurred on December 21 and determine if there are lessons learned that should be factored into your root cause analysis.
4. Inform the Augmented Inspection Team leader or the Senior Resident Inspector prior to the performance of any testing of any equipment associated with the Reactor Protection System Motor Generator Sets and their output breakers and the Turbine Generator substation output breakers.
5. Submit to NRC Region III a formal report of your findings and conclusions and corrective actions within 30 days of receipt of this letter.

We also understand that you will maintain complete documentary evidence of your investigative effort and furnish this evidence to the NRC's Augmented Inspection Team.

We further understand that reactor startup (power operation) will not occur until you have received concurrence of the Regional Administrator or his designee. Issuance of this Confirmatory Action Letter does not preclude the issuance of an order requiring implementation of the above commitments.

CONFIRMATORY ACTION LETTER

IEO1  
1/0  
IE-01  
~~Handwritten signature~~  
17.

Northern States Power Co.

-2-

DEC 27 1989

None of these actions specified herein should be construed to take precedence over actions which you feel necessary to ensure plant and personnel safety.

Please advise us immediately if your understanding differs from that set forth above.

Sincerely,

Original signed by A. Bert Davis

A. Bert Davis  
Regional Administrator

- cc: DCD/DCB (RIDS)
- Licensing Fee Management Branch
- Resident Inspector, RIII Prairie Island
- John W. Ferman, Ph.D.,  
Nuclear Engineer, MPCA
- State Liaison Officer, State of Minnesota
- J. M. Taylor, EDO
- T. E. Murley, NRR
- E. L. Jordan, AEOD
- J. Lieberman, OE
- G. M. Holahan, NRR
- J. A. Zwolinski, NRR
- J. O. Thoma, NRR
- J. R. Goldberg, OGC
- R. J. Strasma, RIII

CONFIRMATORY ACTION LETTER

RIII Burgess/bs

*yo*  
RIII  
GROBE  
12/27

YES  
RIII  
Miller  
12/27/89

RIII  
Greenman  
12/27/89

RIII  
Zwolinski  
12/27/89

RIII  
Paperiello  
12/27/89

RIII  
Davis  
12/27/89