



Northern States Power Company

Monticello Nuclear Generating Plant
2807 West Hwy 75
Monticello, Minnesota 55362-9637

October 16, 1995

NRC Generic Letter 95-07

US Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

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

Response to Generic Letter 95-07: Pressure Locking and
Thermal Binding of Safety-Related Power-Operated Gate Valves

The purpose of this letter is to provide the 60 day response required by NRC Generic Letter 95-07 for the Monticello Nuclear Generating Plant.

Generic Letter 95-07 (dated August 17, 1995) was issued by the NRC requesting licensees to provide information concerning (1) the evaluation of operational configurations of safety-related, power-operated gate valves for susceptibility to pressure locking and thermal binding; and (2) analyses, and needed corrective actions, to ensure that safety-related power-operated gate valves that are susceptible to pressure locking or thermal binding are capable of performing the required safety function.

Generic Letter 95-07 contained the following required response:

Within 60 days from the date of [Generic Letter 95-07], a written response indicating whether or not the addressee will implement the action(s) requested [by the generic letter]. If the addressee intends to implement the requested action(s), provide a schedule for completing implementation. If an addressee chooses not to take the requested action(s), provide a description of any proposed alternative course of action, the schedule for completing the alternative course of action (if applicable), and the safety basis for determining the acceptability of the planned alternative course of action.

Attachment 1 to this letter provides our response.

This letter contains the following new NRC commitments:

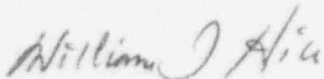
1. Monticello will implement the Generic Letter 95-07, 90 day Requested Action items in accordance with the generic letter.

9510250134 951016
PDR ADOCK 05000263
P PDR

A056

2. Monticello will implement the Generic Letter 95-07, 180 day Requested Action items. Completion of this activity is to coincide with the completion of our 1996 refueling outage. Should individual valves require a longer schedule, the appropriate schedule for completing any potential corrective action will be reported in our response to the Requested Information of Generic Letter 95-07.
3. Monticello will submit the information requested by Generic Letter 95-07 within 60 days after completion our 1996 refueling outage.

Please contact Marv Engen, Sr Licensing Engineer, at (612) 295-1291 if you require further information.



William J Hill
Plant Manager
Monticello Nuclear Generating Plant

c: Regional Administrator - III, NRC
NRR Project Manager, NRC
Sr Resident Inspector, NRC
State of Minnesota, Attn: Kris Sanda

Attachments: (1) Monticello Nuclear Generating Plant, 60 Day Response to Generic Letter 95-07

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATING PLANT

DOCKET NO. 50-263

RESPONSE TO GENERIC LETTER 95-07:
PRESSURE LOCKING AND THERMAL BINDING OF
SAFETY-RELATED POWER-OPERATED GATE VALVES DATED October 16, 1995

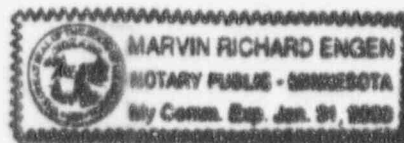
Northern States Power Company, a Minnesota corporation, hereby provides response to NRC Generic Letter 95-07, Pressure Locking and Thermal Binding of Safety-Related Power-Operated Gate Valves. This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By William J Hill
William J Hill
Plant Manager
Monticello Nuclear Generating Plant

On this 16th day of October 1995 before me a notary public in and for said County, personally appeared William J Hill, Plant Manager, Monticello Nuclear Generating Plant, 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.

Marvin R Engen
Marvin R Engen
Notary Public - Minnesota
Sherburne County
My Commission Expires January 31, 2000



Attachment 1

Monticello Nuclear Generating Plant 60 Day Response to Generic Letter 95-07

Requested Action

Within 90 days of the date of [Generic Letter 95-07], each addressee of [the] generic letter is requested to perform and complete the following actions:

- 1. Perform a screening evaluation of the operational configurations of all safety-related power-operated (i.e., motor-operated, air-operated, and hydraulically operated) gate valves to identify those valves that are potentially susceptible to pressure locking or thermal binding; and*
- 2. Document a basis for the operability of the potential susceptible valves or, where operability cannot be supported, take action in accordance with individual plant Technical Specifications.*

Within 180 days of the date of [Generic Letter 95-07], each addressee of [the] generic letter is requested to implement and complete the guidance provided in Attachment 1 [of Generic Letter 95-07] to perform the following actions:

- 1. Evaluate the operational configurations of safety-related power-operated (i.e., motor-operated, air-operated, and hydraulically operated) gate valves in its plant to identify valves that are susceptible to pressure locking or thermal binding;*
- 2. Perform further analyses as appropriate, and take needed corrective actions (or justify longer schedules), to ensure that the susceptible valves identified in 1 are capable of performing their intended safety function(s) under all modes of plant operation, including test configuration.*

Monticello Response

Monticello will implement the above Generic Letter 95-07, 90 day Requested Action items, as requested and in accordance with the generic letter. Monticello will implement the above Generic Letter 95-07, 180 day Requested Action items, however; we are scheduling completion of this activity to coincide with the completion of our next scheduled refueling outage (currently scheduled for April/May 1996). This schedule will provide an opportunity to implement potential hardware modifications should such corrective actions be needed. Should a longer schedule be necessary for individual valves, the appropriate schedule justification and schedule dates for completing the potential corrective action will be reported in our response to the Requested Information of Generic Letter 95-07.

Requested Information

All addressees, including those who have already satisfactorily addressed pressure locking and thermal binding for MOVs by implementing the guidance in Supplement 6 to GL 89-10 (or equivalent industry methods), are requested to provide a summary description of the following:

- 1. The susceptibility evaluation of operational configurations performed in response to (or consistent with) 180-day Requested Action 1, and the further analyses performed in response to (or consistent with) 180-day Requested Action 2, including the bases or criteria for determining that valves are or are not susceptible to pressure locking or thermal binding;*
- 2. The results of the susceptibility evaluation and the further analyses referred to in 1 above, including a listing of the susceptible valves identified;*
- 3. The corrective actions, or other dispositioning, for the valves identified as susceptible to pressure locking or thermal binding, including: (a) equipment or procedural modifications completed and planned (including the completion schedule for such actions); and (b) justification for any determination that particular safety-related power-operated gate valves susceptible to pressure locking or thermal binding are acceptable as is.*

Monticello Response

Monticello will submit the above information requested by Generic Letter 95-07. The Generic Letter specifies that this information be submitted within 180 days from the date of the generic letter. As stated in our response to the requested actions, we foresee that some actions may not be completed until completion of our next scheduled refueling outage (April/ May 1996), and thus the requested information may not be available. Monticello will submit the requested information within 60 days after completion our next scheduled refueling outage.

TRANSMITTAL MANIFEST
 NORTHERN STATES POWER COMPANY
 NUCLEAR LICENSING DEPARTMENT
MONTICELLO NUCLEAR GENERATING PLANT

Response to Generic Letter 95-07

Manifest Date: October 16, 1995

Correspondence Date: October 16, 1995

<u>Monticello Internal Site Distribution Special Instructions</u>	
Kaleen Hilsenhoff..... USAR File.....	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Steve Ludders NRC Commitment	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Lila Imholte.... .. Monti OC Sec	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> - 11, No dist to OC members below if YES
Mel Opstad.... .. Monti SAC Sec.....	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> - 5
*Mail Room Monti Posting.	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> - 7
<u>Monticello Internal Site Distribution:</u>	
*Monti Document Control File	J C Grubb, NGSS, OC
W J Hill, Plant MGR, SAC, OC	L L Nolan, GSSA, OC
C A Schibonski, GSE, OC	B D Day, MGR MTC, OC
M F Hammer, GSM, OC	Operating Experience Coord
J E Windschill, GSRs, OC	W A Shamla, NQD
M W Onnen, GSO, OC	Monti Site Lic File
Tom Fallgren	NRC Resident Inspector's Office
Keith Peterson	
<u>NSP Internal Distribution</u>	
E L Watzl	R O Anderson, Dir LMI, SAC T E Amundson, Dir NQD, SAC Communications Dept Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<u>External NSP Distribution</u>	
*Doc Control Desk, NRC	Kris Sanda, State of Minn
Regional Admin-III, NRC	J E Silberg
T J Kim, NRR-PM, NRC	

* Advance Distribution made by Site Licensing

240033