



**Monticello Nuclear Generating Plant**  
Operated by Nuclear Management Company, LLC

July 22, 2003

L-MT-03-055  
10 CFR Part 50  
Section 50.55a(a)(3)

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

MONTICELLO NUCLEAR GENERATING PLANT  
DOCKET 50-263  
LICENSE No. DPR-22

RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION REGARDING  
INSERVICE TESTING RELIEF REQUEST PR-06 FOR THE FOURTH 10-YEAR  
INTERVAL – HPC PUMP TESTING (TAC NO. MB9550)

Reference 1: NMC Letter to NRC, "Relief Request No. PR 06 for the Fourth 10-Year  
Inservice Testing Interval - High Pressure Coolant Injection Pump  
Testing", dated May 6, 2003

Reference 2: NRC email to NMC, "RR # PR-06 HPCI Pump Testing - Draft RAI  
(TAC MB 9550)," dated July 15, 2003

Reference 3: NRC email to NMC, "RR # PR-06 HPCI Pump Testing - Draft RAI  
(TAC MB 9550) -Question #2," dated July 15, 2003

Reference 1 requested NRC authorization of an alternative testing methodology for the  
Monticello Nuclear Generating Plant (MNGP) High Pressure Coolant Injection (HPC)  
pump in accordance with 10 CFR 50.55a(a)(3)(i). The alternative testing employs a  
methodology that follows the guidelines of Code Case OMN-9, "Use of a Pump Curve  
for Testing. "

References 2 and 3 requested the Nuclear Management Company, LLC (NMC) to  
provide additional information regarding the subject relief request.

Attachment 1 to this letter contains the NMC response to the requests for additional  
information.

This letter does not contain any new commitments.

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If you have any questions regarding this submittal please contact John Fields, Senior Licensing Engineer at (763) 295-1663.



David L. Wilson  
Site Vice President  
Monticello Nuclear Generating Plant

cc: Regional Administrator-III, NRC  
NRR Project Manager, NRC  
Sr. NRC Resident Inspector, NRC  
State of Minnesota Boiler Inspector  
Hartford Insurance

Attachment 1 - NMC Responses To NRC Request For Additional Information

**Attachment 1**

**NUCLEAR MANAGEMENT COMPANY, LLC  
MONTICELLO NUCLEAR GENERATING PLANT  
DOCKET 50-263**

**JULY 22, 2003**

**NMC RESPONSES TO NRC REQUEST FOR ADDITIONAL INFORMATION**

**1 page follows**

## NMC RESPONSES TO NRC REQUEST FOR ADDITIONAL INFORMATION

### NRC Request #1:

*ASME OM Code - 1995, paragraph ISTB 4.3 (e)(1) specifies, "reference values shall be established within  $\pm 20$  percent of pump design flow rate for the comprehensive test." What values within  $\pm 20$  percent of pump design flow rate did NMC analyze to establish the high-pressure coolant injection pump P-209 reference curve?*

### NMC Response:

The Monticello Nuclear Generating Plant (MNGP) high pressure coolant Injection (HPC) pump has a required flow rate of 3000 gpm. This value is the Inservice Testing (IST) pump design flow rate. Applying the  $\pm 20\%$  reference value band from ISTB 4.3(e)(1) to the IST pump design flow rate yields a range of 2400 gpm to 3600 gpm. The Pump Flow Reference Point range used in Relief Request PR-06 (Reference 1, Table 2) is 2900 gpm to 3300 gpm. Therefore, the values analyzed in the Pump Flow Reference Point range are within  $\pm 20\%$  of the IST design flow rate for the MNGP HPC pump.

### NRC Request #2:

*In Attachment 1 under Component Identification of the May 6 submittal, NMC specifies the Item Numbers for PR-06 to be "ISTB 5.2.3(a), ISTB 5.2.3(b)." Should the Item Numbers be "ISTB 5.2.2(a), ISTB 5.2.3(a)" because those relate to the reference point for the Group B and Comprehensive pump tests?*

### NMC Response:

The Item Numbers listed in the Component Identification Section of Relief Request PR-06 (Reference 1) were reviewed and were determined to be typographical errors. The Item Numbers line should read "ISTB 5.2.2, ISTB 5.2.3." The Code Requirements section of Reference 1, contains the correct ISTB section numbers and cites the applicable code requirements.

### References

1. NMC Letter to NRC, "Relief Request No. PR 06 for the Fourth 10-Year Inservice Testing Interval - High Pressure Coolant Injection Pump Testing", dated May 6, 2003