

November 14, 2005

Mr. John T. Conway  
Site Vice President  
Nuclear Management Company, LLC  
2807 West County Road 75  
Monticello, MN 55362-9637

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE  
MONTICELLO NUCLEAR GENERATING PLANT LICENSE RENEWAL  
APPLICATION

Dear Mr. Conway:

By letter dated March 16, 2005, Nuclear Management Company, LLC, (NMC or the applicant) submitted an application pursuant to Title 10 of the *Code of Federal Regulations* Part 54 (10 CFR Part 54), to renew the operating license for the Monticello Nuclear Generating Plant (MNGP), for review by the U.S. Nuclear Regulatory Commission (NRC or the staff). The NRC staff is reviewing the information contained in the license renewal application (LRA) and has identified, in the enclosure, an area where additional information is needed to complete the review.

This question was discussed with your staff, Mr. Patrick Burke, and a mutually agreeable date for this response is within 30 days from the date of this letter. If you have any questions, please contact me at 301-415-3777 or via e-mail at [DXM2@nrc.gov](mailto:DXM2@nrc.gov).

Sincerely,

/RA/

Daniel J. Merzke, Project Manager  
License Renewal Branch A  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket No.: 50-263

Enclosure: As stated

cc w/encl.: See next page

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Adams accession no.: **ML053190429**

Document Name: E:\Filenet\ML053190429.wpd

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Monticello Nuclear Generating Plant

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Monticello Nuclear Generating Plant

-2-

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DISTRIBUTION: Letter to J. Conway, re: RAI for Monticello LRA, Dated: November 14, 2005  
**Adams Accession No.: ML053190429**

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DLR R/F

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MONTICELLO NUCLEAR GENERATING PLANT  
LICENSE RENEWAL APPLICATION (LRA)  
REQUEST FOR ADDITIONAL INFORMATION (RAI)

**RAI 3.3.2.1.9-3**

In License Renewal Application (LRA) Table 3.3.2-9 for fire systems, the Fire Protection Program has been credited to manage loss of material due to general, pitting, crevice, galvanic corrosion, and microbiologically influenced corrosion (MIC) for copper alloy filters and strainers, and gray cast iron in heat exchangers in a raw water environment. Generic Aging Lessons Learned (GALL) Report Item VII.G.6-b is referenced, which evaluates filter, fire hydrant, mulsifier, pump casing, sprinkler, strainer, and valve bodies from a variety of materials including cast iron, bronze and copper. The GALL Report also recommends the Fire Water System Program for managing this aging effect. Note E has also been referenced for these line items in the LRA, which indicates a different aging management program, Fire Protection Program, is used. The discussion section of Table 3.3-1, Item 3.3.1-21 indicates that the Fire Protection Program is applied to non-water based fire protection systems, which appears to conflict with the line items in Table 3.3.2-9. Furthermore, the LRA does not identify in the program description how the Fire Protection Program will manage this aging effect in water based systems.

Please clarify how the Fire Protection Program will manage loss of material due to general, pitting, crevice, and galvanic corrosion in water based fire protection systems. If not, then provide the program that will manage this aging effect.

Enclosure