

January 10, 2006

LICENSEE: Nuclear Management Company, LLC  
FACILITY: Monticello Nuclear Generating Plant  
SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON  
DECEMBER 21, 2005, BETWEEN THE U.S. NUCLEAR REGULATORY  
COMMISSION AND NUCLEAR MANAGEMENT COMPANY, LLC,  
CONCERNING INFORMATION PERTAINING TO THE MONTICELLO  
NUCLEAR GENERATING PLANT LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Nuclear Management Company, LLC (NMC) held a telephone conference call on December 21, 2005, to discuss and clarify the applicant's responses to requests for additional information (RAIs) concerning the Monticello Nuclear Generating Plant license renewal application. The conference call was useful in clarifying the staff's questions.

Enclosure 1 provides a listing of the meeting participants. Enclosure 2 contains a listing of the issues discussed with the applicant, including a brief description on the status of the items.

The applicant had an opportunity to comment on this summary.

*/RA/*

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

Docket No. 50-263

Enclosures:  
As stated

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Monticello Nuclear Generating Plant

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Monticello Nuclear Generating Plant

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Letter to Licensee Nuclear Management Co. from Daniel J. Merzke dated January 10, 2006

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**LIST OF PARTICIPANTS FOR TELEPHONE CONFERENCE  
TO DISCUSS THE MONTICELLO NUCLEAR GENERATING PLANT  
LICENSE RENEWAL APPLICATION**

December 21, 2005

**Participants**

Daniel Merzke  
Barry Elliot  
Mark Hartzman  
Joe Pairitz  
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Dave Musolf

**Affiliations**

U.S. Nuclear Regulatory Commission (NRC)  
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NRC  
Nuclear Management Company, LLC (NMC)  
NMC  
NMC

**MONTICELLO NUCLEAR GENERATING PLANT  
LICENSE RENEWAL APPLICATION**

December 21, 2005

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Nuclear Management Company, LLC (NMC) held a telephone conference call on December 21, 2005, to discuss and clarify the applicant's responses to requests for additional information (RAIs) concerning the Monticello Nuclear Generating Plant license renewal application. The following issues were discussed during the telephone conference call:

1. In a letter dated December 16, 2005, the applicant provided a supplemental response to RAI 4.8-2. The applicant provided a **General Electric Company (GE)** proprietary report concerning the investigation of the sliding behavior of a number of alloys under dry and water-lubricated conditions. NRC staff review identified some apparent discrepancies with the data presented in the report. The staff reiterated its position that for the analysis for the stress relaxation of rim holddown bolts time-limited aging analysis (TLAA), a friction coefficient of 0.5 was unacceptably high. The NRC staff referenced BWRVIP-25 as not including friction in an analysis acceptable to the NRC staff, and Code Case N-730, which used a friction coefficient of 0.2 in an analysis of similar materials in a different geometry. The staff requested the applicant to provide additional information on the GE testing described in the proprietary report, or provide another analysis for the TLAA.

**Discussion:** The applicant indicated that the question is clear. The applicant will provide the additional information requested, or update the staff on how it intends to proceed.

2. In its initial response to RAI 4.2-3, dated October 28, 2005, the applicant provided a table projecting Upper Shelf Energy (USE) data through the period of extended operation. The staff noted the table was missing the data for the nozzles. The applicant referenced BWRVIP-74, which provided USE data for plates. However, the staff noted that nozzles are forged components, not plates, and requested the applicant to provide a technical basis for their position that the plates are the limiting components.

**Discussion:** The applicant indicated that the question is clear. The applicant will provide the additional information requested.

3. In Section 4.2.3 and 4.2.4 of the license renewal application, the applicant stated the TLAAs satisfied 10 CFR 54.21(c)(I), that the original analysis was valid through the period of extended operation. During its review of the TLAAs, the NRC staff determined the analysis was more appropriately characterized as satisfying 10 CFR 54.21(c)(ii), the analysis was projected to be valid through the period of extended operation. The staff requested the applicant to clarify their position.

**Discussion:** The applicant agreed with the staff that the TLAAs in question should have been characterized as satisfying 10 CFR 54.21(c)(ii). The applicant stated it would amend the LRA during its submittal of the annual update letter.

Enclosure 2