

August 23, 2005

Paul A. Harden
Site Vice President
Nuclear Management Company, LLC
27780 Blue Star Memorial Highway
Covert, MI 49043

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (RAI) FOR THE REVIEW OF
THE PALISADES NUCLEAR PLANT, LICENSE RENEWAL APPLICATION
(TAC NO. MC6433)

Dear Mr. Harden:

By letter dated March 22, 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 Palisades Nuclear Plant (PNP), for review by the U.S. Nuclear Regulatory Commission (NRC). Subsequently, on May 5, 2005, the NRC received a supplement to the license renewal application. The NRC staff is reviewing the information contained in the license renewal application (LRA) and supplement and has identified, in the enclosure, areas where additional information is needed to complete the review.

The question was discussed with your staff, Mr. Robert Vincent, 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 301-415-2232 or via e-mail at MJM2@nrc.gov.

Sincerely,

/RA/

Michael J. Morgan, Project Manager
License Renewal Section A
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket No.: 50-255

Enclosure: As stated

cc w/encl: See next page

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Palisades Nuclear Plant

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Palisades Nuclear Plant

- 2 -

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DISTRIBUTION: Letter to P. Harden, Re: RAIs for Palisades LRA, Dated: August 23, 2005
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**PALISADES NUCLEAR PLANT
LICENSE RENEWAL APPLICATION (LRA)
REQUEST FOR ADDITIONAL INFORMATION (RAI)**

RAI 2.3.1-2

Scoping boundary drawing LR 201, Sheet 2 indicates pressurizer safety valves are in scope of license renewal. However, LRA Table 2.3.1-1 does not identify pressurizer safety valves separately as being within scope. Please indicate which line item in LRA Table 2.3.1-1 includes the subject component.

RAI 2.3.2-3

On page 2-71 of the LRA it states the major components of the seven mechanical subsystems of the Engineered Safeguards System. However, in LRA Table 2.3.2-1 and supplemental letter dated May 5, 2005, the following components are not identified as within scope. Please provide justification why the following components are not in scope or submit an AMR for the stated components.

- (a) LPCI control valves
- (b) LPCI injection header
- (c) Containment Spray headers

RAI 2.3.3-1

Scoping boundary drawing LR 202, Sheets 1 and 1A indicate boric acid pumps and filters are in scope of license renewal. However, LRA Table 2.3.3-1 does not identify boric acid pumps and filters as being within scope. Please indicate which line item in LRA Table 2.3.3-1 includes the subject components.

Enclosure