

March 8, 2006

Paul A. Harden
Site Vice President
Nuclear Management Company, LLC
27780 Blue Star Memorial Highway
Covert, MI 49043-9530

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION 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 (LRA). The NRC staff is reviewing the information contained in the 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 member, 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 301-415-4063 or via e-mail at JXA3@nrc.gov.

Sincerely,

/RA/

Juan Ayala, Project Manager
License Renewal Branch A
Division of License Renewal
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

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Letter to Paul A. Harden from Juan Ayala dated March 8, 2006

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**PALISADES NUCLEAR PLANT (PNP)
LICENSE RENEWAL APPLICATION (LRA)
REQUEST FOR ADDITIONAL INFORMATION (RAI)**

RAI 3.3-1

In LRA Sections 3.3 and 3.4, the applicant proposed to manage loss of material of carbon steel/cast iron components internally exposed to raw water/steam using only the One-Time Inspection Program. The One-Time Inspection Program provides a means of verifying that an aging effect is either not occurring or progressing so slowly as to have a negligible effect on the intended function of the structure or component. Carbon steel/cast iron is subject to significant corrosion under moisture. The staff requests the applicant to provide the justification for only using the One-Time Inspection Program.

RAI 3.3-2

In LRA Sections 3.3 and 3.4, the applicant proposed to manage loss of material of metal components exposed to oil environment using the One-Time Inspection Program. The generic aging lessons learned (GALL) report recommended that loss of material and reduction of heat transfer aging effects are to be managed by a plan specific or lubricating/fuel oil analysis AMP along with the One-Time Inspection Program to ensure the effectiveness of the AMP. The staff requests the applicant to provide the following:

1. The justification of methods used to ensure the oil remains free of contaminants, which might degrade the components.
2. The description of preventive maintenance to ensure that the reduction of heat transfer function does not reach unacceptable levels for components performing heat transfer functions.