

June 22, 2005

LICENSEE: Nuclear Management Company, LLC

FACILITY: Palisades Nuclear Plant

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE HELD ON JUNE 20, 2005,
BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION (NRC)
AND NUCLEAR MANAGEMENT COMPANY, LLC, CONCERNING DRAFT
REQUESTS FOR ADDITIONAL INFORMATION PERTAINING TO THE
PALISADES NUCLEAR PLANT LICENSE RENEWAL APPLICATION

The NRC staff (the staff) and representatives of Nuclear Management Company, LLC (NMC) held a telephone conference on June 20, 2005, to discuss and clarify the staff's draft requests for additional information (D-RAIs) concerning the Palisades Nuclear Plant License Renewal Application. The conference call was useful in clarifying the intent of the staff's D-RAIs.

Enclosure 1 provides a listing of the meeting participants. Enclosure 2 contains a listing of the D-RAIs 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/

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

Enclosures: As stated

cc w/encls: See next page

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Palisades Nuclear Plant

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DISTRIBUTION: Summary of telephone conference held on June 20, 2005 with NMC,
Dated: June 22, 2005

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TO DISCUSS THE
LICENSE RENEWAL APPLICATION
JUNE 20, 2005**

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Affiliations

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Nuclear Management Company, LLC (NMC)
NMC
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NMC

**DRAFT REQUESTS FOR ADDITIONAL INFORMATION (D-RAI)
PACKAGE 13 - CRANE LOAD CYCLES
PALISADES NUCLEAR PLANT
LICENSE RENEWAL APPLICATION
JUNE 20, 2005**

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Nuclear Management Company, LLC, (NMC) held a telephone conference call on June 21, 2005, to discuss and clarify the staff's draft requests for additional information (D-RAIs) concerning the Palisades Nuclear Plant license renewal application (LRA). The following D-RAIs were discussed during the telephone conference call.

LRA Section B2.1.15 indicates that there are no fatigue concerns for the Containment Polar Crane and the Spent Fuel Pool Crane as these cranes can not realistically approach the 20,000 to 100,000 rated lifts assumed for its design evaluation during the extended operating period. LRA Section B2.1.15 further states that Palisades does not track the number and magnitude of all lifts made by cranes. LRA Section 4.7.1 also states that the Polar Crane cannot realistically approach the 20,000 to 100,000 rated lifts assumed for components evaluated to CMAA 70 (1975) Service Level A during a 60 year licensed operating period. For the Spent Fuel Pool Crane, LRA Section 4.7.1 identifies the expected lifts between re-rating and the end of the 60 year extended license and concludes that this machine cannot realistically approach the 20,000 to 100,000 rated lifts assumed for its evaluation during a 60 year licensed operating period.

D-RAI 4.7.1-1(a)

The LRA does not characterize the estimated number of lifts for the Polar Crane. LRA Section A4.5.1 indicates that separate evaluations have been performed of polar crane planned engineering lifts (over rated capacity) and that lifts have been evaluated and approved up to 140 T, less than 4 percent over the 135 T rating. NUREG-1744, A Survey of Crane Operating Experience at U.S. Nuclear Power Plants from 1968 through 2002, identifies that the maximum load weight for the Palisades reactor building crane was exceeded twice (greater than 125%) when lifting the reactor vessel head with additional lead shielding intact. For the polar crane, the applicant is requested to identify the number of lifts considered in the fatigue evaluation and clarify how the over rated capacity lifts have been considered in combination with the other lifts for the fatigue evaluation.

Discussion: The applicant indicated that the question is clear. This D-RAI will be sent as a formal RAI.

D-RAI 4.7.1-1(b)

Industry experience in documents such as NUREG-1744 indicates that crane vibrations have occurred during crane operation. The applicant is requested to review plant specific operating experience and identify if any crane vibrations have occurred during crane operation and, if so, clarify how vibrations are considered in the fatigue evaluation. If crane vibrations are not considered for license renewal, the applicant is requested to provide the technical justification.

Discussion: The applicant indicated that the question is clear. This D-RAI will be sent as a formal RAI.