

October 28, 2005

LICENSEE: Nuclear Management Company, LLC

FACILITY: Palisades Nuclear Plant

SUBJECT: SUMMARY OF A TELEPHONE CONFERENCE CALL HELD ON
SEPTEMBER 7, 2005, BETWEEN THE U.S. NUCLEAR REGULATORY
COMMISSION (NRC) AND NUCLEAR MANAGEMENT COMPANY, LLC,
CONCERNING DRAFT REQUEST FOR ADDITIONAL INFORMATION
PERTAINING TO THE PALISADES NUCLEAR PLANT, LICENSE RENEWAL
APPLICATION

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Nuclear Management Company, LLC (NMC) held a telephone conference call on September 7, 2005, to discuss and clarify the staff's draft request for additional information (D-RAI) concerning the Palisades Nuclear Plant (PNP), license renewal application. The conference call was useful in clarifying the intent of the staff's D-RAI.

Enclosure 1 provides a listing of the conference call participants. Enclosure 2 contains a listing of the D-RAI 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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OFFICE	PM:RLEP	LA:RLEP	SC:RLEP
NAME	MMorgan (JAYala for)	YEdmonds	LLund
DATE	10/ 12 /2005	10/ 27 /2005	10/ 28 /2005

OFFICIAL RECORD COPY

Palisades Nuclear Plant

cc:

Robert A. Fenech, Senior Vice President
Nuclear, Fossil, and Hydro Operations
Consumers Energy Company
1945 Parnall Rd.
Jackson, MI 49201

Arunas T. Udry, Esquire
Consumers Energy Company
1 Energy Plaza
Jackson, MI 49201

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Supervisor
Covert Township
P.O. Box 35
Covert, MI 49043

Office of the Governor
P.O. Box 30013
Lansing, MI 48909

U.S. Nuclear Regulatory Commission
Resident Inspector's Office
Palisades Plant
27780 Blue Star Memorial Highway
Covert, MI 49043

Michigan Department of Environmental
Quality
Waste and Hazardous Materials Division
Hazardous Waste and Radiological
Protection Section
Nuclear Facilities Unit
Constitution Hall, Lower-Level North
525 West Allegan Street
P.O. Box 30241
Lansing, MI 48909-7741

Manager, Regulatory Affairs
Nuclear Management Company, LLC
27780 Blue Star Memorial Highway
Covert, MI 49043

Director of Nuclear Assets
Consumers Energy Company
Palisades Nuclear Plant
27780 Blue Star Memorial Highway
Covert, MI 49043

John Paul Cowan
Executive Vice President & Chief Nuclear
Officer
Nuclear Management Company, LLC
700 First Street
Hudson, WI 54016

Jonathan Rogoff, Esquire
Vice President, Counsel & Secretary
Nuclear Management Company, LLC
700 First Street
Hudson, WI 54016

Douglas E. Cooper
Senior Vice President - Group Operations
Palisades Nuclear Plant
Nuclear Management Company, LLC
27780 Blue Star Memorial Highway
Covert, MI 49043

Robert A. Vincent
Licensing Lead - License Renewal Project
Palisades Nuclear Plant
27780 Blue Star Memorial Highway
Covert, MI 49043

Darrel G. Turner
License Renewal Project Manager
Palisades Nuclear Plant
27780 Blue Star Memorial Highway
Covert, MI 49043

Mr. James Ross
Nuclear Energy Institute
1776 I Street, NW, Suite 400
Washington, DC 20006-3708

Palisades Nuclear Plant

- 2 -

cc:

Mr. Douglas F. Johnson
Director, Plant Life Cycle Issues
Nuclear Management Company, LLC
700 First Street
Hudson, WI 54016

Secretary
Federal Energy Regulatory Commission
888 First Street, NE, Room 1A
Washington, DC 20426

Chairperson
Michigan Public Service Commission
P.O. Box 30221
Lansing, MI 48909-7721

David Lewis
Pillsbury Winthrop Shaw Pittman, LLP
2300 N Street, NW
Washington, DC 20037

DISTRIBUTION: Summary of telephone conference held on September 7, 2005 with NMC,
Dated: October 28, 2005

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RLEP RF
M. Morgan (PM)

E-MAIL:

RidsNrrDrip
RidsNrrDe
G. Bagchi
K. Manoly
W. Bateman
J. Calvo
R. Jenkins
J. Fair
RidsNrrDssa
RidsNrrDipm
D. Thatcher
R. Pettis
G. Galletti
C. Li
K. Winsberg (RidsOgcMailCenter)
R. Weisman
M. Mayfield
A. Murphy
S. Smith (srs3)
S. Duraiswamy
Y. L. (Renee) Li
RLEP Staff

P. Lougheed, RIII
J. Ellegood, RIII
M. Garza, RIII
A. Stone, RIII
L. Raghavan
T. Mensah
OPA

**LIST OF PARTICIPANTS FOR A TELEPHONE CONFERENCE CALL
TO DISCUSS THE PALISADES NUCLEAR PLANT
LICENSE RENEWAL APPLICATION
SEPTEMBER 7, 2005**

Participants

Michael Morgan
Juan Ayala
David Jeng
Hansraj Ashar
Zahira Cruz
Darrel Turner
Mark Cimock
Gary Whittle

Affiliations

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

DRAFT REQUESTS FOR ADDITIONAL INFORMATION (D-RAI)
PALISADES NUCLEAR PLANT
LICENSE RENEWAL APPLICATION
SEPTEMBER 7, 2005

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Nuclear Management Company, LLC (NMC), held a telephone conference call on September 7, 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-RAI was discussed during the telephone conference call.

D-RAI 2.4-1

With respect to Section 2.4, Scoping and Screening Results: Containments, Structures, and Component Supports, it is not clear to the staff if the structures and bulk commodity items listed under Section 2.4 on Page 2-200 of the LRA are inclusive of all in-scope PNP safety and non-safety related structures and components (e.g., containment and auxiliary building cranes, their runways and supports, spent fuel racks, etc.) pursuant to 54.21(a)(1). As applicable, augment the list to include all PNP in-scope structures and components that require an aging management review (AMR).

Discussion: The applicant indicated that the requested information is located in the GALL, Sections IIA, IIIA, IIIB, VIIA, VIIB, and VIIG and that the items would be considered in-scope. Therefore, this question is WITHDRAWN and will not be sent as a formal RAI.

D-RAI 2.4.1-1

Referring to Page 2-201 of the PNP LRA, it is stated in the last paragraph of the page that "The portion of the Auxiliary Building that are in-boundary and contain components..." Clarify the meaning of the phrase "in-boundary" as used in Section 2.4 and using the auxiliary building as an example to explain the criteria used in defining the three dimensional "in-boundary" lines for in-scope PNP structures.

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

D-RAI 2.4.1-2

LRA Table 2.4.1-1, Auxiliary Building provides three fuel related component entries. It is not clear to the staff as to whether PNP's spent fuel racks including their neutron absorbing material (if applicable), are designated as items requiring an AMR. If yes, indicate the location in the LRA where the items are listed. Also, the table does not explicitly list cranes and their supporting rails as items requiring an AMR. The applicant is requested to provide additional information related to scoping and screening of the above mentioned PNP components.

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

D-RAI 2.4.2-1

A review of Table 2.4.2-1 indicates that the applicant has not identified any pipe (penetration) passing through the PNP containment as Class MC piping, as allowed by Figure NE-1120-1 of Subsection NE of Section III of the ASME Code. The applicant is requested to review its ASME classification and clarify that the PNP has no piping (penetration) classified as Class MC. If it has been missed as an oversight, the applicant is requested to add the Class MC pipe supports in the scope of license renewal.

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

D-RAI 2.4.3-1

LRA Table 2.4.3-1, Containment lists several component groups that require an aging management review (AMR). It is not clear to the staff as to whether containment crane, runways and supports are designated as items requiring an AMR. If yes, the applicant is requested to explicitly include these items in Table 2.4.3-1.

Discussion: The applicant indicated that the containment crane, runways, and supports are addressed in Section 2.4.8 Miscellaneous Structures and Bulk Commodities. Therefore, this question is WITHDRAWN and will not be sent as a formal RAI.

D-RAI 2.4.4-1

Table 2.4.4-1 provides comprehensive listings of components included in each component group. However, it does not include the reactor vessel supports in any of the groups. If the supports are included elsewhere in the LRA, the applicant is requested to provide its location. If it is an oversight, the applicant is requested to include the supports in one of the component groups described in Table 2.4.4-1.

Discussion: The applicant indicated that the supports are addressed in Section 2.4.2 Component Supports, which covers the GALL Section IIIB support components. Therefore, this question is WITHDRAWN and will not be sent as a formal RAI.

D-RAI 2.4.7-1

With respect to Table 2.4.7-1, Intake Structure, as applicable, identify items such as hatches and plugs; structural steel embedments; carbon steel boltings; reinforced concrete foundation footings; grouted concrete; piping penetrations, embedded ducting and conduits, and water proofing membrane materials that require an AMR.

Discussion: The applicant indicated that the intake structure is a standard “industrial building” that does not contain the above items. This was verified by project manager observations. Therefore, this question is WITHDRAWN and will not be sent as a formal RAI.

D-RAI 2.4.8-1

Table 2.4.8-1 lists Water Treatment Building and Riprap-Yard-Soil components with their intended functions. Discuss the PNP’s basis for not including these components as part of the Section 2.4 listing of structures and structural commodities. Also, explain why miscellaneous commodities (such as, fire barrier, elastomer, seal, gasket or filler) that are used in (1) containment interior structures, (2) feed water purity building (3) component supports and

(4) other in-scope safety or non-safety structures are not specifically listed in Table 2.4.8-1 as items requiring aging management review.

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

D-RAI 2.4.9-1

Section 2.4.9 of the LRA provides a general description of the Switchyard and Yard Structures components that require an AMR. Confirm that precast reinforced concrete elements, such as manholes and rigid steel or PVC conduits and reinforced concrete duct banks, are items that require an AMR and list them in Table 2.4.9-1. Also, the discussion related to "Tank Foundations" on Page 2-248 of the LRA states, "...with backfill compacted to 95 percent to support the tank bottoms." Clarify the meaning of the 95 percent number referenced in the above phrase.

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