

October 1, 2005

Mr. Dennis L. Koehl
Site Vice President
Nuclear Management Company, LLC
6610 Nuclear Road
Two Rivers, WI 54241

SUBJECT: SAFETY EVALUATION REPORT (SER) RELATED TO THE LICENSE
RENEWAL OF POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2
(TAC NOS. MC2099 AND MC2100)

Dear Mr. Koehl:

By letter dated February 25, 2004, Nuclear Management Company, LLC (NMC or the applicant) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for the renewal of the Point Beach Nuclear Plant (PBNP), Units 1 and 2, operating licenses for up to an additional 20 years. The license renewal application (LRA) was submitted pursuant to Title 10 of the *Code of Federal Regulations* Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants." The NRC staff determined that the LRA was complete and acceptable for docketing on April 7, 2004. Since that time, the staff has reviewed the PBNP LRA, issued requests for additional information (RAIs), reviewed the applicant's responses to the staff's RAIs and developed a safety evaluation report (SER) with open items dated May 2, 2005. On the basis of this review, the staff has developed the enclosed SER to document its findings associated with the safety review of the LRA and supporting documentation for PBNP.

If you have any questions regarding this matter, please contact the license renewal project managers, Mr. Gregory Suber and Ms. Veronica Rodriguez. Mr. Suber can be contacted by telephone at 301-415-1124 or via e-mail at GXs@nrc.gov. Ms. Rodriguez can be contacted by telephone at 301-415-3703 or via e-mail at VMR1@nrc.gov.

Sincerely,

/RA/

Pao-Tsin Kuo, Program Director
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos.: 50-266 and 50-301

Enclosure: As stated

cc w/encls: See next page

October 1, 2005

Mr. Dennis L. Koehl
Site Vice President
Nuclear Management Company, LLC
6610 Nuclear Road
Two Rivers, WI 54241

SUBJECT: SAFETY EVALUATION REPORT (SER) RELATED TO THE LICENSE
RENEWAL OF POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2
(TAC NOS. MC2099 AND MC2100)

Dear Mr. Koehl:

By letter dated February 25, 2004, Nuclear Management Company, LLC (NMC or the applicant) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for the renewal of the Point Beach Nuclear Plant (PBNP), Units 1 and 2, operating licenses for up to an additional 20 years. The license renewal application (LRA) was submitted pursuant to Title 10 of the *Code of Federal Regulations* Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants." The NRC staff determined that the LRA was complete and acceptable for docketing on April 7, 2004. Since that time, the staff has reviewed the PBNP LRA, issued requests for additional information (RAIs), reviewed the applicant's responses to the staff's RAIs and developed a safety evaluation report (SER) with open items dated May 2, 2005. On the basis of this review, the staff has developed the enclosed SER to document its findings associated with the safety review of the LRA and supporting documentation for PBNP.

If you have any questions regarding this matter, please contact the license renewal project managers, Mr. Gregory Suber and Ms. Veronica Rodriguez. Mr. Suber can be contacted by telephone at 301-415-1124 or via e-mail at GXS@nrc.gov. Ms. Rodriguez can be contacted by telephone at 301-415-3703 or via e-mail at VMR1@nrc.gov.

Sincerely,
/RA/

Pao-Tsin Kuo, Program Director
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos.: 50-266 and 50-301

Enclosure: As stated

cc w/encls: See next page

DISTRIBUTION: See Next Page

ADAMS Accession Nos.: PKG - ML052760212 ; Letter - ML052760238 ; SER - ML052760249

Document Name: E:\Filenet\ML052760238.wpd

OFFICE	PM:DRIP/RLEP/A	PM:DRIP/RLEP/A	PM:DRIP/RLEP/A	LA:DRIP/RLEP	OGC:NLO
NAME	MMorgan (by email)	GSuber	VRodriguez	MJenkins	AHodgdon
DATE	09 / 19 / 05	09 / 19 / 05	09 / 29 / 05	09 / 23 / 05	09 / 28 / 05
OFFICE	BC:DE/EEIB (by email)	BC:DE/EMCB	BC:DE/EMEB	BC:DSSA/SPSB	BC:DSSA/SPLB
NAME	JCalvo (RJenkins for)	WBateman (by email)	GIbro (by email)	MTschiltz (by email)	JHannon (by email)
DATE	09 / 16 / 05	09 / 16 / 05	09 / 16 / 05	09 / 09 / 05	09 / 19 / 05
OFFICE	BC:DSSA/SRXB	BC:DIPM/IEPB	D:DE	D:DSSA	D:DIPM
NAME	JWermiel (by email)	TQuay (by email)	MMayfield (CGrimes for)	JLyons (TMartin for)	BBoger
DATE	09 / 12 / 05	09 / 07 / 05	09 / 20 / 05	09 / 20 / 05	09 / 15 / 05
OFFICE	D:DRIP (FGillespie for)	SC:DRIP/RLEP/A	PD:DRIP:RLEP		
NAME	DMatthews	SLee (KWeaver for)	PTKuo (JZimmerman for)		
DATE	09 / 28 / 05	09 / 29 / 05	10 / 01 / 05		

OFFICIAL RECORD COPY

Point Beach Nuclear Plant, Units 1 and 2

cc:

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

Mr. Frederick D. Kuester
President and Chief Executive Officer
We Generation
231 West Michigan Street
Milwaukee, WI 53201

Aldo Capristo
Manager, Regulatory Affairs
Point Beach Nuclear Plant
Nuclear Management Company, LLC
6610 Nuclear Road
Two Rivers, WI 54241

Mr. Ken Duveneck
Town Chairman
Town of Two Creeks
13017 State Highway 42
Mishicot, WI 54228

Chairman
Public Service Commission
of Wisconsin
P.O. Box 7854
Madison, WI 53707-7854

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
801 Warrenville Road
Lisle, IL 60532-4351

Resident Inspector's Office
U.S. Nuclear Regulatory Commission
6612 Nuclear Road
Two Rivers, WI 54241

Mr. Jeffrey Kitsembel
Electric Division
Public Service Commission of Wisconsin
P.O. Box 7854
Madison, WI 53707-7854

David Weaver
Nuclear Asset Manager
Wisconsin Electric Power Company
231 West Michigan Street
Milwaukee, WI 53201

John Paul Cowan
Executive Vice President & Chief Nuclear
Officer
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

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

Roger A. Newton
3623 Nagawicka Shores Drive
Hartland, WI 53029

James E. Knorr
License Renewal Project Manager
Point Beach Nuclear Plant
Nuclear Management Company, LLC
6610 Nuclear Road
Point Beach Nuclear Plant
Two Rivers, WI 54241

DISTRIBUTION: Letter to D. Koehl, SER related to the LR for Pt. Beach, Dated: October 1, 2005
Adams Accession No.: ML052760238 PKG: ML052760212

HARD COPY

RLEP RF

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. Strasma, RIII
A. Stone, RIII
H. Chernoff
L. Raghavan
T. Mensah
OPA