




UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

January 30, 2004

LICENSEE: Nuclear Management Company, LLC (NMC)
FACILITY: Point Beach, Units 1 and 2
SUBJECT: SUMMARY OF MEETING BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION (NRC) STAFF AND NUCLEAR MANAGEMENT COMPANY, LLC (NMC) REPRESENTATIVES TO DISCUSS THE POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2 LICENSE RENEWAL APPLICATION

On January 20, 2004, the NRC staff met with members of Nuclear Management Company, LLC (NMC) in a public meeting to discuss NMC's plan for submitting a license renewal application (LRA) for the Point Beach Nuclear Plant, Units 1 and 2. The list of attendees is provided in Enclosure 1, and the meeting agenda is provided in Enclosure 2.

NMC representatives discussed the features of the Point Beach Nuclear Plant, LRA format, and their approach in applying "NUREG-1801, Generic Aging Lessons Learned (GALL) Report," for identification of plant components consistent with GALL programs. A significant topic discussed at the meeting was pressurized thermal shock (PTS). The NMC representatives stated that they have an exemption request under staff review for the use of a revised PTS calculation methodology based on the B&W proposed "Master Curve." The NMC representatives stated that they would rely on the approval of this methodology for the PTS calculations of the Point Beach reactor vessels for license renewal. The NMC representatives stated that NMC plans to submit the renewal application to the NRC on February 27, 2004. The slides that were presented in the meeting are provided in Enclosure 3.



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 Nos.: 50-266 and 50-301

Enclosures: As stated

cc w/encl: See next page

Point Beach Nuclear Plant, Units 1 and 2

cc:

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Site Vice President
Point Beach Nuclear Plant
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6610 Nuclear Road
Two Rivers, WI 54241

ATTENDANCE LIST
NRC STAFF MEETING WITH NUCLEAR MANAGEMENT COMPANY, LLC (NMC)
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2
JANUARY 20, 2004


<u>Name</u>	<u>Organization</u>
Russ Wells	Constellation
Pat Burke	Nuclear Management Company, LLC (NMC), Monticello
Dominic So	Nuclear Management Company, LLC (NMC), Palisades
Robert Vincent	Nuclear Management Company, LLC (NMC), Palisades
Jim Knorr	Nuclear Management Company, LLC (NMC), Pt. Beach
Roger Newton	Nuclear Management Company, LLC (NMC), Pt. Beach
Hansraj Ashar	NRC
Ken Chang	NRC
Jack Cushing	NRC
Bill Dam	NRC
Johnny Eads	NRC
Joe Golla	NRC
Mark Hartzman	NRC
Steve Hoffman	NRC
Stacey Imboden	NRC
Peter J. Kang	NRC
Pao-Tsin Kuo	NRC
Samson Lee	NRC
Chang Li	NRC
Y.C. Li	NRC
Mark Lintz	NRC
Michael Morgan	NRC
Neil Ray	NRC
Deirdra Spaulding	NRC
Jim Strnisha	NRC
Ram Subbaratnam	NRC
Steven West	NRC

AGENDA
NRC MEETING WITH NUCLEAR MANAGEMENT COMPANY
CONCERNING LICENSE RENEWAL APPLICATION FOR
POINT BEACH NUCLEAR PLANT UNITS 1 AND 2
JANUARY 20, 2004
(Times are approximate)

- | | |
|---|-----------------------|
| 1. Introduction of license renewal participants | 2:00 p.m. - 2:05 p.m. |
| 2. Original license expiration and plant history | 2:05 p.m. - 2:15 p.m. |
| 3. Introduction of the Point Beach renewal application | 2:15 p.m. - 2:50 p.m. |
| 4. Related licensing subjects | 2:50 p.m. - 3:00 p.m. |
| 5. Plant schedule for next two years. | 3:00 p.m. - 3:15 p.m. |
| 6. Potential review tool availability | 3:15 p.m. - 3:25 p.m. |
| 7. NRC review schedule | 3:25 p.m. - 3:35 p.m. |
| 8. Questions | 3:35 p.m. - 3:45 p.m. |
| 9. Discussion of final submittal configuration - needs of the NRC | 3:45 p.m. - 3:55 p.m. |
| 10. Public participation | 3:55 p.m. - 4:00 p.m. |

PUBLIC MEETING SLIDES

Enclosure 3



Point Beach Nuclear Plant License Renewal Application

January 20, 2004

Roger Newton - LR Project Manager
Jim Knorr – LR Licensing Lead
Kris McKinney – LR Environmental Lead

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Agenda PBNP License Renewal Application NRC/NMC

1) Introduction of License Renewal Participants	2:00 p.m. – 2:05 p.m.
2) Original License Expiration and Plant History	2:05 p.m. – 2:15 p.m.
3) Introduction of Point Beach Application	2:15 p.m. – 2:50 p.m.
4) Related licensing subjects	2:50 p.m. – 3:00 p.m.
5) Plant schedule for next two years.	3:00 p.m. – 3:15 p.m.
6) Potential review tool availability	3:15 p.m. – 3:25 p.m.
7) NRC Review Schedule for PBNP LRA	3:25 p.m. – 3:35 p.m.
8) Questions	3:35 p.m. – 3:45 p.m.
9) Discussion of final submittal configuration needs of the NRC	3:45 p.m. – 3:55 p.m.
10) Public Questions	3:55 pm -- 4:00 p.m.

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Point Beach History

Unit 1 License Expiration October 5, 2010

Unit 2 License Expiration March 8, 2013

**Original design with 20 MWe Combustion
Turbine and 2 EDGs**

Spent fuel pool re-racks 1976 and 1979

TMI Modifications 1980 - 1985

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Point Beach History (Continued)

Unit 1 New Steam Generators –1982

Replaced # 1, 2, 3 and 5 Feedwater Heaters 1986

Replaced all Turbine Condenser Tubing 1986

**Reactor Coolant Up flow Modification for Both Units
Late 1980s**

**New Low Pressure Turbine Rotors with Integral Hubs
1990**

2 New Safety Related Station Batteries Installed 1990

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Point Beach History

(Continued)

Dry Fuel Storage Option Licensed - 1993

Unit 2 New Steam Generators - 1996

2 Additional Safety Related Diesels Installed -1995

Baffle Barrel Bolt Replacement Unit 2.- 1997

Standardized Technical Specifications - 2001

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Point Beach History

(Continued)

Modified Water Intake Structure – 2001

Service Water System Upgrade - 2002

**Additional Vessel Material Sample Installed in Unit 2
- 2002**

Stabilized and Abandoned the Retention Pond -2002

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Point Beach Nuclear Plant License Renewal Application

**Use of Standard Format with enhanced level of detail
and cross referencing in electronic form**

Section 1 (31 Pages)

- ☐ **Administrative section**
- ☐ **Legal discussions**
- ☐ **Acronym list**

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Point Beach Nuclear Plant License Renewal Application (Continued)

Section 2 (283 Pages)

- ☐ **System descriptions**
- ☐ **System function descriptions**
- ☐ **Links to FSAR**
- ☐ **Links to Drawings**
- ☐ **Lists of component types and
intended functions**

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Point Beach Nuclear Plant License Renewal Application (Continued)

Section 3 Aging Management Review Results (489 Pages) (Definition of "Consistent With")

- ☐ **Tables Follow New Standard Format**
- ☐ **Plant Specific Notes in Table 2**
- ☐ **SRP Section Questions Covered in
Table 1 or Text**
- ☐ **Past Precedence Information May be
Available Later**

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Point Beach Nuclear Plant License Renewal Application (Continued)

Section 4 TLAA (99 Pages)

- ☐ **Detail with Results for each TLAA**
- ☐ **Some Analysis Under Review by NRC**
- ☐ **Some TLAA Exemptions Necessary**

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Point Beach Nuclear Plant License Renewal Application (Continued)

Appendix A FSAR Supplement (51 Pages)

- ☐ Existing FSAR Section Revisions
- ☐ New LR related FSAR section
 - Program Descriptions
 - TLAA Descriptions

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Point Beach Nuclear Plant License Renewal Application (Continued)

Appendix B Program Details (248 Pages)

- ☐ Inclusion of 10 Attribute Discussion for all Programs
- ☐ Inclusion of Consistent with GALL Details
- ☐ Program Commitments Identified

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Point Beach Nuclear Plant License Renewal Application (Continued)

Appendix C (Not Used)

Appendix D Technical Specification Changes

☐ None Identified

Appendix E Environmental Report (300 Pages)

☐ Category 2 Evaluations

☐ New and Significant information

☐ SAMA

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Point Beach Nuclear Plant License Renewal Application (Continued)

Other application considerations.

- ☐ Drawings and FSAR are provided as "for information" not on the docket. (They are included in the review CD copies with cross references hyperlinked throughout the application.)
- ☐ Other Review tools can be provided in a like manner.

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Related Licensing Subjects

- ☐ Master Curve
- ☐ Leak Before Break
- ☐ Power Upgrading
- ☐ Annual Update Schedule or Exemption

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Next Two Years at PBNP

- ☐ Early March 2004 INPQ E&A
- ☐ March 27 – May 11, 2004 Unit 1 Refueling 28
- ☐ July 2004 SSDI Scheduled
- ☐ No Fall 2004 Refueling
- ☐ Fall 2004 Fire Protection
- ☐ Spring 2005 Unit 2 Refueling 27 – Reactor
Vessel Head replacement
- ☐ Fall 2005 Unit 1 Refueling 29 – Reactor Vessel
Head Replacement

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Potential Review Tool Availability

- ☐ **Component type Subject to an AMR vs. Equipment ID**
- ☐ **Full version of Program Basis Documents**
- ☐ **Past precedence reviews - Availability**

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NRC Review Schedule

- ☐ **Pilot Plant Experience**
- ☐ **PBNP LRA level of detail impact**
- ☐ **Improve NRC review efficiency**
 - fewer site visits**

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Questions?

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Final Configuration Needs

- ☐ CD formats for review copies
- ☐ CD formats for ADAMS needs
- ☐ Quantity of CDs, Paper copies of LRA
- ☐ Quantity of Ancillary Material and format needed
 - Drawings – Paper and/or CDs
 - FSAR – CD and or Paper
 - Additional Review tools needed and format CD and or Paper

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Questions from the Public

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/ RA/

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License Renewal Section A
License Renewal and Environmental Impacts Program
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Pre-App Meeting Summary (Rev. 1).wpd

OFFICE:	LA:RLEP	PM:RLEP	SC:RLEP
NAME:	<i>M. Morgan</i>	<i>MMorgan</i>	<i>SLee</i>
DATE:	01/30/04	01/30/04	01/30/04

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