

May 31, 2001

Mr. M. Reddemann  
Site Vice President  
Kewaunee and Point Beach Nuclear Plants  
Nuclear Management Company, LLC  
6610 Nuclear Road  
Two Rivers, WI 54241

SUBJECT: ANNUAL ASSESSMENT LETTER - POINT BEACH NUCLEAR PLANT (REPORT  
50-266/01-01; 50-301/01-01)

Dear Mr. Reddemann:

On May 1, 2001, the NRC staff completed its End-of-Cycle plant performance assessment of Point Beach. The End-of-Cycle review for Point Beach involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period April 2, 2000, to March 31, 2001. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

Overall, Point Beach operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter was within the Regulatory Response Column of the NRC's Action Matrix, based on a Unit 1 Scrams With Loss of Normal Heat Removal White Performance Indicator. This PI went White in the 4<sup>th</sup> quarter of 2000. All inspection findings for the most recent quarter were classified as having very low safety significance (Green). A Supplemental Inspection, using Inspection Procedure 95001, was completed in February 2001 to review the White PI. No significant issues or findings were identified during this inspection.

While plant performance for the most recent quarter is within the Regulatory Response Column of the Action Matrix, the Alert and Notification System PI for Unit 1 went White in the 2<sup>nd</sup> quarter 2000. Therefore, Point Beach was also in the Regulatory Response Column of the Action Matrix during the 3<sup>rd</sup> quarter of the assessment cycle. The PI returned to Green in the 3<sup>rd</sup> quarter 2000. A Supplemental Inspection, using Inspection Procedure 95001, was completed in November 2000 to review the White PI. No significant issues or findings were identified during this inspection.

The enclosure details the scheduled inspections that will occur through May 31, 2002. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. An inspection to review spent fuel dry cask concrete pouring activities is planned for the

summer of 2001. Routine resident inspections are not listed due to their ongoing and continuous nature.

For your information, the NRC is in the process of aligning the inspection and assessment cycle with the calendar year. In order to transition to a calendar year cycle (January 1 - December 31), the next inspection and assessment cycle will consist of only three quarters (i.e., the second, third, and fourth calendar quarters of calendar year 2001). As a result, a quarterly review will be conducted for the third calendar quarter (July 1 - September 30) in lieu of a mid-cycle review. The impact on the inspection plan, which is included as an enclosure, is minimal. Activities planned for the transition cycle represent only 60-80 percent of those activities that would be accomplished during a typical 12-month inspection and assessment cycle.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the changes as soon as possible. Please contact Roger Lanksbury at (630) 829-9631 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Geoffrey E. Grant, Director  
Division of Reactor Projects

Docket Nos. 50-266; 50-301  
License Nos. DPR-24; DPR-27

Enclosure: Point Beach Inspection/Activity Plan

See Attached Distribution

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|--------|---------------|---|------------|---|----------|--|--|--|
| OFFICE | RIII          | E | RIII       | E | RIII     |  |  |  |
| NAME   | MKunowski:dtp |   | RLanksbury |   | GGrant   |  |  |  |
| DATE   | 05/29/01      |   | 05/29/01   |   | 05/30/01 |  |  |  |

**OFFICIAL RECORD COPY**

M. Reddemann

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cc w/encl: R. Grigg, President and Chief  
Operating Officer, WEPCo  
M. Wadley, Chief Nuclear Officer, NMC  
J. Gadzala, Licensing Manager  
D. Weaver, Nuclear Asset Manager  
F. Cayia, Plant Manager  
J. O'Neill, Jr., Shaw, Pittman,  
Potts & Trowbridge  
K. Duveneck, Town Chairman  
Town of Two Creeks  
D. Graham, Director  
Bureau of Field Operations  
A. Bie, Chairperson, Wisconsin  
Public Service Commission  
S. Jenkins, Electric Division  
Wisconsin Public Service Commission  
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A. Bie, Chairperson, Wisconsin  
Public Service Commission  
S. Jenkins, Electric Division  
Wisconsin Public Service Commission  
State Liaison Officer

ADAMS Distribution:

CMC1  
DFT  
SSB1  
TAB  
MRJ1  
THB  
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RML2  
PGK1  
DRPIII  
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**Point Beach**  
**Inspection / Activity Plan**  
**06/01/2001 - 05/31/2002**

| Unit<br>Number | Inspection Activity | Title  | No. of Staff<br>on Site | Planned Dates |            | Inspection<br>Type   |
|----------------|---------------------|--|-------------------------|---------------|------------|----------------------|
|                |                     |  |                         | Start         | End        |                      |
|                | <b>DRPBR5</b>       | <b>- ROUTINE RESIDENTS INSPECTION</b>                            | <b>2</b>                |               |            |                      |
| 1, 2           | IP 7111101          | Adverse Weather Protection                                       |                         | 05/09/2001    | 06/30/2001 | Baseline Inspections |
| 1, 2           | IP 7111101          | Adverse Weather Protection                                       |                         | 05/09/2001    | 06/30/2001 | Baseline Inspections |
| 1, 2           | IP 7111106          | Flood Protection Measures  |                         | 05/09/2001    | 06/30/2001 | Baseline Inspections |
| 1              | IP 7111120          | Refueling and Outage Activities                                  |                         | 05/09/2001    | 06/30/2001 | Baseline Inspections |
|                | <b>81110</b>        | <b>- SAFEGUARDS INSPECTION-OSRE(TWO PARTS)</b>                   | <b>4</b>                |               |            |                      |
| 1, 2           | IP 7113004          | Security Plan Changes  |                         | 05/17/2001    | 06/08/2001 | Baseline Inspections |
| 1, 2           | IP 71151            | Performance Indicator Verification                               |                         | 05/17/2001    | 06/08/2001 | Baseline Inspections |
| 1, 2           | IP 81110            | Operational Safeguards Response Evaluation (OSRE)                |                         | 05/17/2001    | 06/08/2001 | Baseline Inspections |
|                | <b>IP 71122</b>     | <b>- RAM PROCESSING/SHIPPING INSP</b>                            | <b>1</b>                |               |            |                      |
| 1, 2           | IP 7112101          | Access Control to Radiologically Significant Areas               |                         | 06/11/2001    | 06/15/2001 | Baseline Inspections |
| 1, 2           | IP 7112202          | Radioactive Material Processing and Transportation               |                         | 06/11/2001    | 06/15/2001 | Baseline Inspections |
| 1, 2           | IP 71151            | Performance Indicator Verification                               |                         | 06/11/2001    | 06/15/2001 | Baseline Inspections |
|                | <b>IP 71122</b>     | <b>- REMP INSPECTION</b>   | <b>1</b>                |               |            |                      |
| 1, 2           | IP 7112101          | Access Control to Radiologically Significant Areas               |                         | 08/06/2001    | 08/10/2001 | Baseline Inspections |
| 1, 2           | IP 7112203          | Radiological Environmental Monitoring Program                    |                         | 08/06/2001    | 08/10/2001 | Baseline Inspections |
| 1, 2           | IP 71151            | Performance Indicator Verification                               |                         | 08/06/2001    | 08/10/2001 | Baseline Inspections |
|                | <b>MR</b>           | <b>- BIENNIAL MAINTENANCE RULE</b>                               | <b>1</b>                |               |            |                      |
| 1, 2           | IP 7111112B         | Maintenance Rule Implementation                                  |                         | 08/27/2001    | 08/31/2001 | Baseline Inspections |
|                | <b>FPI</b>          | <b>- TRIENNIAL FIRE PROTECTION</b>                               | <b>3</b>                |               |            |                      |
| 1, 2           | IP 7111105T         | Fire Protection  |                         | 09/10/2001    | 09/28/2001 | Baseline Inspections |
|                | <b>IP 71114</b>     | <b>- BASELINE EP ROUTINE INSPECTION</b>                          | <b>1</b>                |               |            |                      |
| 1, 2           | IP 7111402          | Alert and Notification System Testing                            |                         | 10/15/2001    | 10/19/2001 | Baseline Inspections |
| 1, 2           | IP 7111403          | Emergency Response Organization Augmentation Testing             |                         | 10/15/2001    | 10/19/2001 | Baseline Inspections |
| 1, 2           | IP 7111404          | Emergency Action Level and Emergency Plan Changes                |                         | 10/15/2001    | 10/19/2001 | Baseline Inspections |
| 1, 2           | IP 7111405          | Correction of Emergency Preparedness Weaknesses and Deficiencies |                         | 10/15/2001    | 10/19/2001 | Baseline Inspections |
| 1, 2           | IP 71151            | Performance Indicator Verification                               |                         | 10/15/2001    | 10/19/2001 | Baseline Inspections |
|                | <b>71111.11</b>     | <b>- LIC OPERATOR REQUAL PROGRAM EVALUATION</b>                  | <b>2</b>                |               |            |                      |
| 1, 2           | IP 7111111B         | Licensed Operator Requalification                                |                         | 10/22/2001    | 10/26/2001 | Baseline Inspections |
|                | <b>IP 71121</b>     | <b>- RP INSTRUMENTATION INSP</b>                                 | <b>1</b>                |               |            |                      |
| 1, 2           | IP 7112101          | Access Control to Radiologically Significant Areas               |                         | 10/22/2001    | 10/26/2001 | Baseline Inspections |
| 1, 2           | IP 7112103          | Radiation Monitoring Instrumentation                             |                         | 10/22/2001    | 10/26/2001 | Baseline Inspections |
| 1, 2           | IP 71151            | Performance Indicator Verification                               |                         | 10/22/2001    | 10/26/2001 | Baseline Inspections |
|                | <b>DRPBR5</b>       | <b>- ROUTINE RESIDENTS INSPECTION</b>                            | <b>2</b>                |               |            |                      |
| 1, 2           | IP 7111101          | Adverse Weather Protection                                       |                         | 11/07/2001    | 12/29/2001 | Baseline Inspections |

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

**Point Beach**  
**Inspection / Activity Plan**  
**06/01/2001 - 05/31/2002**

| Unit<br>Number | Inspection Activity                                   | Title  | No. of Staff<br>on Site | Planned Dates |            | Inspection<br>Type   |
|----------------|---|--|-------------------------|---------------|------------|----------------------|
|                |   |  |                         | Start         | End        |                      |
|                | <b>DRPBR5 - ROUTINE RESIDENTS INSPECTION</b>          |  | <b>2</b>                |               |            |                      |
| 1, 2           | IP 7111101  | Adverse Weather Protection                         |                         | 11/07/2001    | 12/29/2001 | Baseline Inspections |
|                | <b>HTSINK B - BIENNIAL HEAT SINK</b>                  |  | <b>1</b>                |               |            |                      |
| 1, 2           | IP 7111107B   | Heat Sink Performance                              |                         | 12/03/2001    | 12/07/2001 | Baseline Inspections |
|                | <b>FY 2002 - POINT BEACH INIT PREP 01/2002</b>        |  | <b>3</b>                |               |            |                      |
| 1              | W90061  | OL - INITIAL EXAM - POINT BEACH - JAN/FEB 2002     |                         | 01/07/2002    | 01/11/2002 | Not Applicable       |
|                | <b>MOD - MOD &amp; 50.59 INSPECTION</b>               |  | <b>5</b>                |               |            |                      |
| 1, 2           | IP 7111102  | Evaluation of Changes, Tests, or Experiments       |                         | 01/14/2002    | 01/18/2002 | Baseline Inspections |
| 1, 2           | IP 711117B  | Permanent Plant Modifications                      |                         | 01/14/2002    | 01/18/2002 | Baseline Inspections |
|                | <b>MOD50.59 - BIENNIAL PLANT MODS AND 50.59</b>       |  | <b>5</b>                |               |            |                      |
| 1, 2           | IP 7111102  | Evaluation of Changes, Tests, or Experiments       |                         | 01/14/2002    | 01/18/2002 | Baseline Inspections |
| 1, 2           | IP 711117B  | Permanent Plant Modifications                      |                         | 01/14/2002    | 01/18/2002 | Baseline Inspections |
|                | <b>IP 71121 - ALARA &amp; RP ACCESS CONTROL</b>       |  | <b>1</b>                |               |            |                      |
| 1, 2           | IP 7112101  | Access Control to Radiologically Significant Areas |                         | 01/28/2002    | 02/01/2002 | Baseline Inspections |
| 1, 2           | IP 7112102  | ALARA Planning and Controls                        |                         | 01/28/2002    | 02/01/2002 | Baseline Inspections |
| 1, 2           | IP 71151  | Performance Indicator Verification                 |                         | 01/28/2002    | 02/01/2002 | Baseline Inspections |
|                | <b>FY 2002 - POINT BEACH INIT EXAM 01&amp;02/2002</b> |  | <b>3</b>                |               |            |                      |
| 1              | W90061  | OL - INITIAL EXAM - POINT BEACH - JAN/FEB 2002     |                         | 01/28/2002    | 02/08/2002 | Not Applicable       |
|                | <b>IP 71114 - BIENNIAL EP EXERCISE INSP</b>           |  | <b>3</b>                |               |            |                      |
| 1, 2           | IP 7111401  | Exercise Evaluation                                |                         | 02/25/2002    | 03/01/2002 | Baseline Inspections |
| 1, 2           | IP 71151  | Performance Indicator Verification                 |                         | 02/25/2002    | 03/01/2002 | Baseline Inspections |
|                | <b>IP 71121 - OUTAGE RP ALARA INSP</b>                |  | <b>1</b>                |               |            |                      |
| 1, 2           | IP 7112101  | Access Control to Radiologically Significant Areas |                         | 04/01/2002    | 05/17/2002 | Baseline Inspections |
| 1, 2           | IP 7112102  | ALARA Planning and Controls                        |                         | 04/01/2002    | 05/17/2002 | Baseline Inspections |
|                | <b>DRPBR5 - ROUTINE RESIDENTS INSPECTION</b>          |  | <b>2</b>                |               |            |                      |
| 1, 2           | IP 7111106  | Flood Protection Measures                          |                         | 04/10/2002    | 05/21/2002 | Baseline Inspections |