



October 11, 2005

NRC 2005-0132
10 CFR 50.55a

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Point Beach Nuclear Plant, Unit 2
Docket 50-301
License No. DPR-27

Filing of Owner's Inservice Inspection Summary Report for
Point Beach Nuclear Plant Refueling Outage U2R27

In accordance with 10 CFR 50.55a, Nuclear Management Company, LLC, (NMC) is submitting Inservice Inspection Summary Reports for inspections conducted prior to and during the Point Beach Nuclear Plant (PBNP) refueling outage U2R27 that concluded on July 10, 2005. The enclosed Class 1, 2, and 3 report is submitted pursuant to the requirements of subarticle IWA-6240 of the 1998 Edition with addenda through 2000 of Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code and ASME Code Case N-532-1. The IWE Class MC and IWL Class CC reports are submitted pursuant to the requirements of subarticle IWA-6240 of the 1992 Edition with addenda through 1992 of ASME Section XI and ASME Code Case N-532-1.

Enclosure 1 to this letter contains the summary report, which includes Form OAR-1, the Owner's Activity Report for Inservice Inspections, for the Class 1, 2, and 3 components and a separate Form OAR-1 for Class MC and CC components. The report includes the second outage of the first period of the fourth ten-year interval for Class 1, 2, and 3 systems, and the second outage of the third period of the first ten-year interval for Class MC at PBNP Unit 1.

This letter contains no new commitments and no revisions to existing commitments.

Dennis L. Koehl
Site Vice-President, Point Beach Nuclear Plant
Nuclear Management Company, LLC

Enclosures (2)

A047

cc: Administrator, Region III, USNRC
Project Manager, Point Beach Nuclear Plant, USNRC
Resident Inspector, Point Beach Nuclear Plant, USNRC
PSCW
Mike Verhagen, State of Wisconsin

ENCLOSURE 1

**OAR-1, OWNER'S ACTIVITY REPORT FOR INSERVICE INSPECTION,
FOR CLASS 1, 2, AND 3 COMPONENTS**

4 pages follow

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number U2R27 Outage Class 1, 2, and 3 ISI Examination

Owner Nuclear Management Company, 700 First Street, Hudson, Wisconsin 54016
(Name and Address of Owner)

Plant Point Beach Nuclear Plant, 6590 Nuclear Road, Two Rivers, Wisconsin 54241
(Name and Address of Plant)

Unit No. 2 Commercial Service Date October 1, 1972 Refueling Outage No. U2R27
(If applicable)

Current Inspection Interval Fourth
(1st, 2nd, 3rd, 4th, other)

Current Inspection Period First
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plan 1998 Edition 2000 Addenda

Date and Revision of inspection plan July 1, 2004 / Revision 3

Edition and Addenda of Section XI applicable to repairs and replacements, if different than the inspection plan Same

CERTIFICATE OF CONFORMANCE

I certify that the statements made in the Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

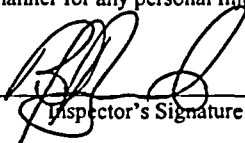
Certificate of Authorization No. N/A Expiration Date N/A
(If applicable)

Signed Russell K. Gurney ISI Coordinator Date 9/16/2005
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by HSBCT of Hartford, Connecticut have inspected the items described in this Owner's Activity Report, during the period November 22, 2003 to July 10, 2005, and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations, and corrective measures described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from the connected with this inspection.


Inspector's Signature

Commissions WI 247972
National Board, State, Province, and Endorsements

Date 9-27-2005

Table 1
Abstract of Examinations and Tests

Examination Category	Total Examinations Required for the Interval	Total Examinations Credited for this Period	Total Examinations Credited (%) for the Period	Total Examinations Credited (%) to Date for the Interval	Remarks
B-A	5	0.5	10	10	Deferral permissible, number of welds reduced by one due to head replacement during U2R27
B-B	7	2	29	29	
B-D	25	4	16	16	
B-F	---	---	---	---	Part of Risk-Informed ISI Program, see Examination Category R-A
B-G-1	8	2	25	25	
B-G-2	16	6	38	38	
B-J	---	---	---	---	Part of Risk-Informed ISI Program, see Examination Category R-A
B-K	6	3	50	50	
B-L-1	3	0	0	0	Deferred to the end of the interval
B-L-2	---	---	---	---	Examined only if disassembled for maintenance, repair, or volumetric examination
B-M-1	1	0	0	0	Scheduled for the third period
B-M-2	---	---	---	---	Examined only if disassembled for maintenance, repair, or volumetric examination
B-N-1	3	1	33	33	Accessible portions of the vessel internal surface
B-N-2	4	0	0	0	Deferred to the end of the interval
B-N-3	1	0	0	0	Deferred to the end of the interval
B-O	2	0	0	0	New welds installed due to RPV head replacement
B-P	7	2	29	29	Pressure tests. See note 2.
B-Q	---	---	---	---	Steam Generator tubing is examined in accordance with plant Technical Specifications
C-A	6	2	33	33	
C-B	7	0	0	0	
C-C	13	1	8	8	
C-D	---	---	---	---	There are no class 2 bolts greater than 2" at PBNP
C-F-1	---	---	---	---	Part of Risk-Informed ISI Program, see Examination Category R-A
C-F-2	---	---	---	---	Part of Risk-Informed ISI Program, see Examination Category R-A
C-G	1	0	0	0	Scheduled for the third period
C-H	54	17	94	31	Pressure tests. See Note 3.
D-A	6	2	33	33	
D-B	6	1	50	17	Pressure tests. See Note 3.
F-A	117	32	27	27	
R-A	138	23	17	17	Includes class 1 and 2 piping welds

1. All percentages are rounded to the nearest 1%.
2. Pressure tests are conducted each outage with one extra test performed during the third period.
3. Pressure tests are conducted once each period, so each test will be conducted three times over the interval.
4. Limited examinations will be submitted to the NRC for relief in accordance with 10 CFR 50.55a.

Table 3
 Abstract of Repairs, Replacements, or Corrective Measures
 Required for Continued Service

Code Class	Repair, Replacement, or Corrective Measure	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)	Date Completed	Repair/ Replacement Plan Number
3	Replacement	SW-307	Replace valve	No	5/4/2005	2005-0016
3	Replacement	SW-315	Replace valve	No	5/4/2005	2005-0015
3	Replacement	Piping HB-19	Replace piping	No	5/25/2005	2005-0026

ENCLOSURE 2

**OAR-1, OWNER'S ACTIVITY REPORT FOR INSERVICE INSPECTION,
FOR CLASS MC and CC COMPONENTS**

4 pages follow

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number U2R27 Outage Class MC ISI IWE Examinations

Owner Nuclear Management Company, 700 First Street, Hudson, Wisconsin 54016
(Name and Address of Owner)

Plant Point Beach Nuclear Plant, 6590 Nuclear Road, Two Rivers, Wisconsin 54241
(Name and Address of Plant)

Unit No. 2 Commercial Service Date October 1, 1972 Refueling Outage No. U2R27
(If applicable)

Current Inspection Interval First
(1st, 2nd, 3rd, 4th, other)

Current Inspection Period Third
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plan 1992 Edition 1992 Addenda

Date and Revision of inspection plan February 7, 2005 / rev. 1

Edition and Addenda of Section XI applicable to repairs and replacements, if different than the inspection plan Same

CERTIFICATE OF CONFORMANCE

I certify that the statements made in the Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. N/A Expiration Date N/A
(If applicable)

Signed [Signature] / IWE & IWL Program Engineer Date 9-14-05
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by HSBCT of Hartford, Connecticut, have inspected the items described in this Owner's Activity Report, during the period November 22, 2003 to July 10, 2005, and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations, and corrective measures described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from the connected with this inspection.

[Signature] Commissions WI 247972
Inspector's Signature National Board, State, Province, and Endorsements

Date 14 SEP 2005

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B-K	6	3	50	50	
B-L-1	3	0	0	0	Deferred to the end of the interval
B-L-2	---	---	---	---	Examined only if disassembled for maintenance, repair, or volumetric examination
B-M-1	1	0	0	0	Scheduled for the third period
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B-N-1	3	1	33	33	Accessible portions of the vessel internal surface
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