



February 22, 2006

NRC 2006-0019
10 CFR 50.55a

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

Point Beach Nuclear Plant, Unit 1
Docket 50-266
License No. DPR-24

Filing of Owner's Inservice Inspection Summary Report for
Point Beach Nuclear Plant Refueling Outage U1R29

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 U1R29 that concluded on November 24, 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. 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.

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. The report includes the first outage of the second period of the fourth ten-year interval for Class 1, 2, and 3 systems.

Enclosure 2 contains a separate Form OAR-1 for Class MC and CC components. The report includes the second outage of the third period of the first ten-year interval for Class MC and CC 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

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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**

5 pages follow

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number U1R29 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. 1 Commercial Service Date December 21, 1970 Refueling Outage No. U1R29
(If applicable)

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

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

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

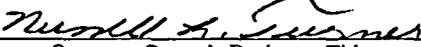
Date and Revision of inspection plan October 18, 2005 / Revision 4

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.

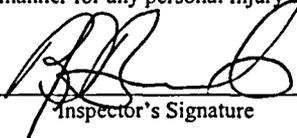
Certificate of Authorization No. N/A Expiration Date N/A
(If applicable)

Signed  ISI Coordinator Date 2/2/2006
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 June 9, 2004 to November 24, 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.

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

Date 2-2-2006

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	7	0	0	7	Deferral permissible, number of welds reduced by one from previous submittal due to head replacement during UIR29, which removed one weld from count
B-B	7	3	43	71	
B-D	25	8	32	52	
B-F	----	----	----	----	Part of Risk-Informed ISI Program, see Examination Category R-A
B-G-1	6	2	33	67	
B-G-2	15	3	20	47	
B-J	----	----	----	----	Part of Risk-Informed ISI Program, see Examination Category R-A
B-K	8	0	0	25	
B-L-1	3	0	0	0	Deferred to the end of the interval
B-L-2	1	0	0	0	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	4 see remarks	0	0	0	Examined only if disassembled for maintenance, repair, or volumetric examination
B-N-1	3	1	33	67	Accessible portions of the vessel internal surface each period
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, 100% of CRD's were examined for preservice
B-P	8	1	33	38	Pressure tests. See notes 2 and 4.
B-Q	----	----	----	----	Steam Generator tubing is examined in accordance with plant Technical Specifications
C-A	9	2	22	44	
C-B	18	6	33	67	
C-C	13	0	0	23	
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	50	6	35	42	Pressure tests. See notes 3 and 4.
D-A	8	0	0	50	
D-B	21	2	29	43	Pressure tests. See notes 3 and 4.
F-A	134	9	7	50	
R-A	133	21	16	42	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 normally be conducted three times over the interval. The exception is in the Component Cooling system, which was split into two tests during the second period, resulting in five tests instead of six tests.
4. For pressure tests, the total number of test per period are calculated by taking the number of tests completed for the period divided by the number required for the period.
5. Limited examinations will be submitted to the NRC for relief in accordance with 10 CFR 50.55a.

Table 2
Items with Flaws or Relevant Conditions that
Required Evaluation for Continued Service

Examination Category	Item No.	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
F-A	F1.10B	1SI-878B-3	N/A	Yes
F-A	F1.40A	RPV Support	N/A	Yes
F-A	F1.10C	RC-2501R-2-RC14	N/A	Yes
R-A	R1.20	RC-04-PR-1001-05	IWA-3310	No
R-A	R1.20	RC-04-PS-1001-03	IWA-3310	No
R-A	R1.20	RC-04-PS-1001-04	IWA-3310	No
R-A	R1.20	RC-03-PSF-1002-03	IWA-3310	No
C-A	C1.10	SG-B-4	IWA-3320	Yes
B-B	B2.11	PZR-Cweld-1	IWA-3320	Yes
C-A	C1.10	SG-A-4	IWA-3320	No
F-A	F1.10C	RC-2501R-14-H204	N/A	Yes
F-A	F1.10S	HS-19	N/A	No
F-A	F1.10S	HS-20	N/A	No
F-A	F1.10S	HS-13	N/A	No
F-A	F1.10S	1HS-2	N/A	No
F-A	F1.10S	1HS-8	N/A	No
F-A	F1.20C	EB-9-19	N/A	No

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	1HX-055A-1	Replace end bell	No	4/19/2005	2005-0013
3	Replacement	SW-315	Replace valve	No	9/8/2005	2005-0015
3	Replacement	DA-100	Replace valve	No	4/21/2005	2005-0020
3	Replacement	HX-055A-1	Replace end bell	No	11/9/2005	2005-0024
3	Replacement	HX-055A-2	Replace end bell	No	11/9/2005	2005-0025
3	Replacement	Piping HB-19	Replacement of piping due to leak	No	9/21/2005	2005-0026
3	Corrective Measure	HX-013B	Plugging tubes by welding	No	8/3/2005	2005-0036
2	Corrective Measure	PS EB-09-19	Modify support to be in compliance IEB 79-14 requirements	No	1/31/2006	2005-0037
3	Replacement	DA-100	Replace valve	No	2/2/2006	2005-0040
1	Replacement	RH-V-09	Replace valve due to leakage	No	12/23/2005	2005-0042
1	Replacement	1R-1	Replace RPV head	No	12/23/2005	2005-0051
3	Replacement	SW-360	Replacement of valve due to erosion/improper weld repair	No	2/1/2006	2005-0056
3	Replacement	SW-322	Replacement of valve due to erosion/improper weld repair	No	1/3/2006	2005-0057
2	Repair	Piping EB-01-SP	weld buildup of flange nozzle and re-machining due to damage	No	12/21/2005	2005-0064
2	Replacement	1AF-100	Replace due to damage during removal	No	12/1/2005	2005-0068

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
1	Corrective Measure	Pipe RC 2501R-01	Flap indications until removed or reduced to an acceptable size	Yes	10/25/2005	2005-0070
3	Corrective measure	SW-360	Weld buildup of thin areas of the valve wall	No	12/22/2005	2005-0077
3	Replacement	SW-360	Replace valve	No	2/1/2006	2005-0078
3	Corrective Measure	SW-360	Remove/Replace tack weld on disc nut	No	12/22/2005	2005-0079
2	Replacement	1P-002A	Replace discharge check valve	No	12/22/2005	2005-0081
3	Replacement	1P-002A	Replacement suction manifold check valve	No	12/22/2005	2005-0082

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 U1R29 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. 1 Commercial Service Date December 21, 1970 Refueling Outage No. U1R29
(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 December 20, 2004 / 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 *Jan Kutz* / IWE & IWL Program Engineer Date 2-14-06
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 June 9, 2004 to November 24, 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.

RR L Commissions WI 247972
Inspector's Signature National Board, State, Province, and Endorsements

Date 14 FEB 2006

**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
E-A	156	42	39% ^{1,3}	100% ^{1,3}	The number of liner plates examined, expressed as a percentage of exams, does not correlate to the containment surface area examined, expressed as a percentage of surface area. This is because the containment liner consists of different size liner plates; therefore, surface area will vary from plate to plate. The percentages reflect the surface area of the plates that were examined and not the percentages of the number of examinations performed.
E-B	N/A	N/A	N/A	N/A	Containment Penetration Welds, Examination Category E-B examination requirements specified in ASME Section XI Code are not required. Examination Category E-A requirements are considered sufficient to identify any degraded conditions for containment penetration welds.
E-C	33	33	100%	300% ^{1,2}	A 100 % is examined each period
E-D	68	0 ¹	0 ¹	46% ^{1,3}	The exam percentages do not meet the IWE-2412-1 inspection program B examinations percents, because of the use of the authorized Relief Request # ERR-1. Exam category E-D, Item Number E5.10 and E5.20 were examined in accordance with ERR-1 starting after September 14, 2001. The use of this ERR was authorized by the NRC in the safety evaluation for relief requests for the containment inspection program. (Dated September 14, 2001)
E-F	N/A	N/A	N/A	N/A	Pressure Retaining Dissimilar Metal Welds, Examination Category E-F requirements specified in ASME Section XI Code are not required and shall not be implemented by PBNP.
E-G	24	10 ¹	42% ¹	75% ^{1,3}	The exam percentages do not meet the IWE-2412-1 inspection program B examinations percents because of the use of the authorized Relief Request # ERR-6. Exam category E-G, Item Number E8.20 was examined in accordance with ERR-6 starting after September 14, 2001. The use of this ERR was authorized by the NRC in the safety evaluation for relief requests for the containment inspection program. (Dated September 14, 2001)
E-P	See remarks	See remarks	See remarks	See remarks	This is covered by PBNP's Containment Leakage Rate Testing Program (CLRT), which implements 10 CFR 50 Appendix J. All Examination Category E-P pressure retaining components are tested in accordance with 10 CFR 50 Appendix J, Option B and scheduled as directed by the CLRT program.

¹ Refer to the remarks column

² Category E-C (Augmented examinations) examinations are performed once a period, which means all of the exams, will be performed 3 times over a 10 year interval

³ All percentages are rounded to the nearest 1%.

Table 2
 Items with Flaws or Relevant Conditions that
 Required Evaluation for Continued Service

Examination Category	Item No.	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
None	None	None	None	None

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
MC	Replacement	C-1	Replaced hinge pins under WO 0415764	Yes	1/11/2006	2005-0076