



September 12, 2011

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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
Renewed License No. DPR-27

Filing of Owner's Inservice Inspection Summary Report for
Point Beach Nuclear Plant Refueling Outage U2R31

NextEra Energy Point Beach, LLC (NextEra) is submitting the inservice inspection summary report for inspections conducted prior to and during the Point Beach Nuclear Plant (PBNP) refueling outage U2R31 that concluded on June 19, 2011. The enclosed IWE Class MC and IWL Class CC report is submitted pursuant to the requirements of Subarticle IWA-6240 of the 2001 Edition with Addenda through 2003 of Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code and ASME Code Case N-532-4.

The enclosure to this letter contains the summary report, which includes completed Form OAR-1, "Owner's Activity Report" for inservice inspections for the Class MC and CC components. The report is for the first outage of the Second Period of the Second 10-year Interval for Class MC and CC at PBNP Unit 2.

Very truly yours,

NextEra Energy Point Beach, LLC



James Costedio
Licensing Manager

Enclosures

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

**NEXTERA ENERGY POINT BEACH, LLC
POINT BEACH NUCLEAR PLANT, UNIT 2**

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

3 pages follow

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number U2R31 Outage Class MC and CC ISI Examination

Plant NextEra Energy Point Beach Nuclear Plant, 6610 Nuclear Road, Two Rivers, Wisconsin 54241

Unit No. 2 Commercial Service Date October 1972 Refueling Outage No. U2R31
(If applicable)

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

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

Edition and Addenda of Section XI applicable to the inspection plans 2001 Edition 2003 Addenda

Date and Revision of inspection plans Class MC: January 7, 2011 / Revision 2. Class CC: June 11, 2010 / Revision 2

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

Code Cases used: N-532-4, N-739, N-753
(If applicable)

CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of U2R31 (refueling outage number) conform to the requirements of Section XI.

Signed *R W Hoj* Containment Programs Coordinator Date 8-9-2011
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 Hartford Steam Boiler of CT have inspected the items described in this Owner's Activity Report, 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 repair/replacement activities and evaluations 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 or connected with this inspection.

Jeff Beaulieu Commissions WI 929625 A,I,N
Inspector's Signature National Board, State, Province, and Endorsements

Date 8/9/11

Table 1

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

Examination Category and Item Number	Item Description	Evaluation Description
L-A / L1.11	Containment Dome Concrete, viewable from platform PLTF-H-3	Cracking of the containment concrete, thought to exceed recording criteria, was found to be about 0.010 inches in width and shows no apparent growth in three years.
L-A / L1.11	Containment Concrete, viewable from walkway WKWY-LM-5	Embedded wood just below the concrete surface and partially exposed is in very good condition, indicating that the wood has not been exposed to moisture that would rot the wood or cause reinforcing steel in the concrete to corrode. A drummy area of about 0.75 square feet does not show evidence of degradation of the concrete to affect the strength of the containment structure.
E-C / E4.12	Containment Pipe Penetration 2CPP-48	In accordance with the acceptance standard of IWE-3511.3, material loss in a local area that exceeds 10% of nominal wall thickness must be documented. For the pipe penetration 2CPP-48, this corresponds to a minimum housing wall thickness of 0.3375 inches. Thickness of the penetration housing for 2CPP-48 at one location was measured at 0.333 inches. Corrosion caused by condensation some time in the past is likely responsible for the material loss. Calculation 1999-0109 discusses an evaluation for several pipe penetrations on both units, including 2CPP-48, which determined that the minimum acceptable pipe penetration housing thickness is 0.31 inches, representing a 17.3% loss from the nominal 0.375 inch thickness. The indicated and projected loss is less than previously accepted material loss. 2CPP-48 will continue to be monitored for material loss in accordance with IWE-2420(b).

Table 2

Abstract of Repair/Replacement Activities Required for Continued Service

Code Class	Item Description	Description of Work	Date Completed	Repair/ Replacement Plan Number
None				