

February 26, 2010

NRC 2010-0028  
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 U2R30

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 U2R30 that concluded on December 6, 2009. 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) and ASME Code Case N-532-4.

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

Very truly yours,

NextEra Energy Point Beach, LLC

A handwritten signature in black ink, appearing to read "Jim Costedio".

James Costedio  
Licensing Manager

Enclosure

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 U2R30 Outage Class MC and CC ISI Examination

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

Unit No. 2 Commercial Service Date October 1972 Refueling Outage No. U2R30  
(If applicable)

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

Current Inspection Period First  
(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 16, 2009 / Revision 1. Class CC: January 23, 2009 / Revision 1

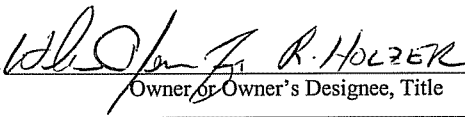
Edition and Addenda of Section XI applicable to repairs/replacements activities, if different than the inspection plans Same

Code Cases used: N-532-4  
(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 U2R30  
(refueling outage number)

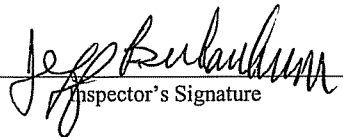
conform to the requirements of Section XI.

Signed  R. HOLZER Containment Programs Coordinator Date 02-22-10  
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.

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

Date 2/23/10

**Table 1****Items with Flaws or Relevant Conditions that  
Required Evaluation for Continued Service**

Examination Category and Item Number	Item Description	Evaluation Description
L-B / L2.40	Tendon D1-203	The difference in volume of corrosion protection medium removed and replaced for tendon D1-203 was 6.39%. This is within the acceptance criteria of 10% stated in IWL-3221.4 and does not exceed the 10 CFR 50.55a(b)(2)(viii)(D) reporting criteria of 10%, but meets the reportable condition of exceeding 5% stated in Regulatory Guide 1.35, paragraph 7.4.f.
L-B / L2.40	Tendon V-239	The difference in volume of corrosion protection medium removed and replaced for tendon V-239 was 8.42%. This is within the acceptance criteria of 10% stated in IWL-3221.4 and does not exceed the 10 CFR 50.55a(b)(2)(viii)(D) reporting criteria of 10%, but meets the reportable condition of exceeding 5% stated in Regulatory Guide 1.35, paragraph 7.4.f.
L-A / L1.11	Multiple Tendons	In accordance with 10 CFR 50.55a(b)(2)(viii)(D), any tendon grease leakage detected during general visual examination of the containment surface is to be reported. Minor grease leakage from multiple tendon end caps and vent plugs was noted during the visual examination of the containment surface.
L-A / L1.11	Containment Concrete	In accordance with 10 CFR 50.55a(b)(2)(viii)(D), any tendon grease leakage detected during general visual examination of the containment surface is to be reported. Grease staining from external sources (tendon end caps and vent plugs) was noted in several areas during the visual examination of the containment surface.
E-C / E4.12	Containment Liner Plate at Core-drilled Hole CH-04	In accordance with the acceptance standard of IWE-3511.3, material loss in a local area projected to exceed 10% of nominal wall thickness prior to the next examination must be documented. Material loss of liner plate at core hole CH-04 was measured at 10% and is projected to exceed 10% at the next examination. Corrosion caused by wetting some time in the past is likely responsible for the material loss. Previous evaluations have accepted conditions where the nominal 0.25 inch liner plate was reduced to 0.170 inches (32% loss). The indicated and projected loss is less than previously accepted material loss. Expansion joints in the concrete floor above the liner plate have been filled with caulk to prevent additional moisture intrusion. CH-04 and other core drill holes will continue to be monitored for material loss due to corrosion 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	—	—	—	—