



February 27, 2015

NRC 2015-0010
10 CFR 50.55a

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

Point Beach Nuclear Plant, Units 1 and 2
Docket 50-266 and 50-301
Renewed License Numbers DPR-24 and DPR-27

Filing of Owner's Inservice Inspection Summary Report for
Point Beach Nuclear Plant Tendon Surveillance and Concrete Containment Examinations

NextEra Energy Point Beach, LLC (NextEra) is submitting the inservice inspection (ISI) summary report for inspections conducted prior to and during the tendon surveillance which concluded on May 7, 2014. The enclosed 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 enclosures to this letter contain the summary reports, which include completed Forms OAR-1, "Owner's Activity Report" for inservice inspections for the Class CC components. The reports are for the ISI of the concrete containment buildings performed prior to and during the 43rd year tendon surveillance for Point Beach Units 1 and 2.

Very truly yours,

NextEra Energy Point Beach, LLC

A handwritten signature in black ink, appearing to read "Michael Millen".

Michael Millen
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

A047
NRR

ENCLOSURE 1

**NEXTERA ENERGY POINT BEACH, LLC
POINT BEACH NUCLEAR PLANT, UNIT 1**

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

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number U1Tendon Surveillance and Class CC ISI Examination
Plant FPLE Point Beach Nuclear Plant, 6610 Nuclear Road, Two Rivers, Wisconsin 54241
Unit No. 1 Commercial Service Date December 1970 Refueling Outage No. N/A
Current Inspection Interval Second
Current Inspection Period Not Applicable for IWL
Edition and Addenda of Section XI applicable to the inspection plans 2001 Edition 2003 Addenda
Date and Revision of inspection plans 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

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 N/A conform to the requirements of Section XI.

Signed [Signature] IWE/IWL Program Owner Date 01-30-2015
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.

[Signature] Commissions WI 929625 A,I,N
Inspector's Signature National Board, State, Province, and Endorsements
Date 2/2/15

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	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.
L-B / L2.30	Vertical Tendon V-92	The top (shop end) of tendon was found with one (1) protruding wire which had not been previously reported. This does not exceed the maximum number of non-tensioned wires in accordance with the original design specification.

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	None	None	None	None

ENCLOSURE 2

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

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

3 pages follow

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number U2Tendon Surveillance and Class CC ISI Examination
Plant FPLE Point Beach Nuclear Plant, 6610 Nuclear Road, Two Rivers, Wisconsin 54241
Unit No. 2 Commercial Service Date October 1972 Refueling Outage No. N/A
Current Inspection Interval Second
Current Inspection Period Not Applicable for IWL
Edition and Addenda of Section XI applicable to the inspection plans 2001 Edition 2003 Addenda
Date and Revision of inspection plans 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

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 N/A (refueling outage number) conform to the requirements of Section XI.

Signed [Signature] IWE/IWL Program Owner Date 01-30-2015
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.

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

Date 2/2/15

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	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.
L-B / L2.30	Dome Tendon D1-214	Buttress L (field end) of tendon was found with one (1) protruding wire which had not been previously reported. The same tendon had a previously reported missing wire, but this does not exceed the maximum number of non-tensioned wires in accordance with the original design specification.
L-B / L2.40	Vertical Tendon V-206 Grease Sample	The amount of grease replaced was 8.10% of the net duct volume. This is within the 10% acceptance criteria of IWL-3221.4 and does not meet the reporting criteria of 10 CFR 50.55a(b)(2)(viii)(D). In accordance with the requirements of Regulatory Guide 1.35, Revision 3, paragraph c.7.4.f, a reportable condition exists when the amount of grease replaced exceeds 5% of the net duct volume, when injected at the original installation pressure.
L-B / L2.40	Vertical Tendon V-262 Grease Sample	The amount of grease replaced was 8.47% of the net duct volume. This is within the 10% acceptance criteria of IWL-3221.4 and does not meet the reporting criteria of 10 CFR 50.55a(b)(2)(viii)(D). In accordance with the requirements of Regulatory Guide 1.35, Revision 3, paragraph c.7.4.f, a reportable condition exists when the amount of grease replaced exceeds 5% of the net duct volume, when injected at the original installation pressure.
L-B / L2.40	Vertical Tendon V-318 Grease Sample	The amount of grease replaced was 6.10% of the net duct volume. This is within the 10% acceptance criteria of IWL-3221.4 and does not meet the reporting criteria of 10 CFR 50.55a(b)(2)(viii)(D). In accordance with the requirements of Regulatory Guide 1.35, Revision 3, paragraph c.7.4.f, a reportable condition exists when the amount of grease replaced exceeds 5% of the net duct volume, when injected at the original installation pressure.

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	None	None	None	None