



June 24, 2010

NRC 2010-0094
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
Renewed License No. DPR-24

Filing of Owner's Inservice Inspection Summary Report for
Point Beach Nuclear Plant Refueling Outage U1R32

NextEra Energy Point Beach, LLC (NextEra) is submitting inservice inspection summary reports for inspections conducted prior to and during the Point Beach Nuclear Plant (PBNP) refueling outage U1R32 that concluded on April 4, 2010. 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-532-4.

Enclosure 1 of this letter contains Form OAR-1, "Owner's Activity Report" for inservice inspections for the Class 1, 2 and 3 components. The report is for the first outage of the third period of the fourth ten-year interval for Class 1, 2 and 3 systems at PBNP Unit 1. Please note that the repair/replacement activity shown on Table 2 was conducted mid-cycle and therefore the activity occurred in the second period of the fourth ten-year interval.

Very truly yours,

NextEra Energy Point Beach, LLC

A handwritten signature in cursive script, appearing to read "James Costedio".

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 1

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

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

3 pages follow

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number U1R32 Outage Class 1, 2, and 3 ISI Examination

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

Unit No. 1 Commercial Service Date December 21, 1970 Refueling Outage No. U1R32
(If applicable)

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

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

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

Date and Revision of inspection plans February 13, 2009 Revision 7

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

Code Cases used: N-460, N-498-4 (CL 3 only), N-532-4, N-533-1, N-566-2, N-613-1, N-624, N-648-1, N-696
(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 U1R32 (refueling outage number) conform to the requirements of Section XI.

Signed [Signature] ISI Coordinator Date 6-14-2010
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 6/14/10

Table 1

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

Examination Category and Item Number	Item Description	Evaluation Description
F-A F1.20C	Spring Hanger SI-1501R-2-H1	Spring setting was slightly beyond setting tolerance. Civil/Structural evaluation concluded that the support was acceptable for continued service.
R-A R1.20	Elbow to Reactor Vessel Inlet Nozzle RC-32-MRCL- AIII-03	Flaw was determined to be acceptable by analytical evaluation per IWB-3132.3 (IWB-3600)

Table 2

Abstract of Repair/Replacement Activities Required for Continued Service

Code Class	Item Description	Description of Work	Date Completed	Repair/ Replacement Plan Number
3	Component Cooling Water Heat Exchanger HX-012C	Localized pitting and corrosion on the tube side head and head flange. Excavated and weld repaired.	3/23/2009	2009-0010