



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION III  
2443 WARRENVILLE RD. SUITE 210  
LISLE, IL 60532-4352

March 2, 2016

Mr. Eric McCartney  
Site Vice President  
NextEra Energy Point Beach, LLC  
6610 Nuclear Road  
Two Rivers, WI 54241

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR POINT BEACH NUCLEAR PLANT,  
UNITS 1 AND 2 (REPORT 05000266/2015006 AND 05000301/2015006)**

Dear Mr. McCartney:

On February 10, 2016, the U.S. Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of Point Beach Nuclear Plant, Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2015, through December 31, 2015. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that overall, Point Beach Nuclear Plant, Units 1 and 2, operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Point Beach Nuclear Plant, Units 1 and 2, during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2017. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last 9 months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security-related inspections, which will be sent via separate, non-publicly available correspondence.

The enclosed inspection plan includes a triennial inspection conducted in accordance with Inspection Procedure 71111.07, "Heat Sink Inspection"; a biennial inspection conducted in accordance with Inspection Procedure 71152, "Problem Identification and Resolution"; and a triennial inspection conducted in accordance with Inspection Procedure 71111.05T, "Fire Protection (Triennial)."

In response to the accident at Fukushima, the NRC issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events." This Order requires licensees to develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities following a beyond-design-basis external event. Additionally, the NRC issued Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation." This Order requires licensees to have a reliable means of remotely monitoring wide-range Spent Fuel Pool levels to support effective prioritization of event mitigation and recovery actions in the event of a beyond-design-basis external event. The NRC completed an audit of the efforts towards compliance with these Orders for Point Beach Nuclear Plant, Units 1 and 2, which was summarized in an audit report dated August 27, 2015 (ADAMS Accession Number ML15208A027). By letters dated December 16, 2015 (ML15350A085) for order EA-12-049, and December 19, 2014 (ML14353A047, and ML14353A048) for order EA-12-051, you notified the NRC staff of full compliance. The NRC staff is reviewing this information and will issue a Final Safety Evaluation upon reaching its conclusions. Then, the NRC staff will confirm through inspections the full implementation of the orders mentioned above by performing Temporary Instruction 191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans."

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact Jamnes Cameron at 630-829-9833 with any questions you have regarding this letter.

Sincerely,

***/RA Darrell Roberts Acting for/***

Cynthia D. Pederson  
Regional Administrator

Docket Nos: 50-266; 50-301  
License Nos: DPR-24; DPR-27

Enclosure:  
Inspection Plan

cc: Distribution via LISTSERV®

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ADAMS Accession Number: ML16060A482

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<b>OFFICE</b>	RIII	RIII	RIII	
<b>NAME</b>	JCameron:bw/mz	PLouden	DRoberts for CPederson	
<b>DATE</b>	02/24/16	02/26/16	02/29/16	

**OFFICIAL RECORD COPY**

Letter to Eric McCartney from Cynthia D. Pederson dated March 2, 2016

SUBJECT: ANNUAL ASSESSMENT LETTER FOR POINT BEACH NUCLEAR PLANT,  
UNITS 1 AND 2 (REPORT 05000266/2015006 AND 05000301/2015006)

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**Point Beach**  
**Inspection / Activity Plan**  
**03/01/2016 - 12/31/2017**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>ISI - INSERVICE INSPECTION ON UNIT 1</b>		<b>1</b>
1	03/14/2016	04/11/2016	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>2</b>
1	03/21/2016	03/25/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	03/21/2016	03/25/2016	IP 71124.02	Occupational ALARA Planning and Controls	
1	03/21/2016	03/25/2016	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	03/21/2016	03/25/2016	IP 71124.04	Occupational Dose Assessment	
			<b>ENG BI - TRIENNIAL HEAT SINK INSPECTION</b>		<b>3</b>
1, 2	06/06/2016	06/10/2016	IP 7111107T	Heat Sink Performance	
			<b>ISFSI - ROUTINE LOADING</b>		<b>2</b>
1, 2	07/01/2016	07/29/2016	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	07/25/2016	07/29/2016	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			<b>PI&amp;R B - BIENNIAL PROBLEM ID AND RESOLUTION</b>		<b>4</b>
1, 2	10/31/2016	11/18/2016	IP 71152B	Problem Identification and Resolution	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	09/12/2016	09/16/2016	IP 71124.02	Occupational ALARA Planning and Controls	
1	09/12/2016	09/16/2016	IP 71151	Performance Indicator Verification	
			<b>ENG BI - TRIENNIAL FIRE PROTECTION INSPECTION</b>		<b>5</b>
1, 2	09/19/2016	10/21/2016	IP 7111105T	Fire Protection [Triennial]	
			<b>BI EP - EP BASELINE INSPECTION / PI VERIFICATION</b>		<b>1</b>
1, 2	10/24/2016	10/28/2016	IP 7111402	Alert and Notification System Testing	
1, 2	10/24/2016	10/28/2016	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	10/24/2016	10/28/2016	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	10/24/2016	10/28/2016	IP 71151	Performance Indicator Verification	
			<b>TI191 - FLEX/MITIGATING STRATEGIES/SPFI</b>		<b>4</b>
1	03/06/2017	03/10/2017	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
			<b>OL PREP - INIT EXAM/APRIL 2017</b>		<b>3</b>
1	04/10/2017	04/14/2017	W90359	OL - INITIAL EXAM - 2017 APR-MAY - POINT BEACH	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	04/17/2017	04/21/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/17/2017	04/21/2017	IP 71124.02	Occupational ALARA Planning and Controls	

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

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**Inspection / Activity Plan**  
**03/01/2016 - 12/31/2017**

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	Start	End			
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	05/01/2017	05/05/2017	IP 71124.07	Radiological Environmental Monitoring Program	
			<b>OL EXAM - INIT EXAM/APRIL 2017</b>		<b>3</b>
1	05/08/2017	05/19/2017	W90359	OL - INITIAL EXAM - 2017 APR-MAY - POINT BEACH	
			<b>BI EP - EP EXERCISE INSPECTION / PI VERIFICATION</b>		<b>2</b>
1, 2	09/18/2017	09/22/2017	IP 7111401	Exercise Evaluation	
1, 2	09/18/2017	09/22/2017	IP 7111406	Drill Evaluation	
1, 2	09/18/2017	09/22/2017	IP 7111408	Exercise Evaluation – Scenario Review	
1, 2	09/18/2017	09/22/2017	IP 71151	Performance Indicator Verification	
			<b>BI CDBI - COMPONENT DESIGN BASIS INSPECTION</b>		<b>6</b>
1, 2	06/26/2017	07/28/2017	IP 7111121	Component Design Bases Inspection	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	07/24/2017	07/28/2017	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>OL-RQ - BIENNIAL REQUAL PROGRAM INSPECTION</b>		<b>2</b>
1, 2	08/07/2017	08/11/2017	IP 7111111B	Licensed Operator Requalification Program	
			<b>ISI - INSERVICE INSPECTION UNIT 1</b>		<b>1</b>
1	10/04/2017	10/29/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	10/16/2017	10/20/2017	IP 71124.05	Radiation Monitoring Instrumentation	
1	10/16/2017	10/20/2017	IP 71151	Performance Indicator Verification	

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