



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

August 31, 2016

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

**SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR POINT BEACH NUCLEAR PLANT,
UNITS 1 AND 2 (REPORT 05000266/2016005; 05000301/2016005)**

Dear Mr. Coffey:

On August 10, 2016, the U.S. Nuclear Regulatory Commission (NRC) completed its mid-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 July 1, 2015, through June 30, 2016. This letter informs you of the NRC's assessment of your facility during that period and its plans for future inspections at your facility.

The NRC determined that overall, Point Beach Nuclear Power Plant, Units 1 and 2, operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined that the performance at Point Beach Nuclear Power 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 of the inspection findings had very low safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct the ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2018. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the second half of the inspection plan are tentative and may be revised at the end-of-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 (IP) 71111.05T, "Fire Protection Inspection;" starting in September 2016, and a biennial inspection conducted in accordance with IP 71152, "Problem Identification and Resolution;" in November 2016.

R. Coffey

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In response to the accident at Fukushima, the Commission issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," and Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation." The NRC conducted audits of licensee efforts towards compliance with these Orders, and the information gathered will aid staff in development of the ultimate Safety Evaluation for the site. After the NRC staff receives the Final Compliance letter for the site, the Safety Evaluation will be issued. 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 Staff Requirements Memorandum – SECY 16-0009, "Recommendations Resulting from the Integrated Prioritization and Re-Baselining of Agency Activities," the Commission approved the NRC staff recommendation to discontinue the formal mid-cycle assessment process beginning in calendar year 2017. Therefore, this will be the final mid-cycle assessment letter. The staff will continue to conduct quarterly assessments and communicate changes in the assessment of licensee performance in accordance with the guidance in Inspection Manual Chapter 0305, "Operating Reactor Assessment Program."

In accordance with Title 10 of the *Code of Federal Regulations* (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 me, at 630–829–9833 with any questions you have regarding this letter.

Sincerely,

/RA/

Jamnes Cameron, Chief
Branch 4
Division of Reactor Projects

Docket Nos. 50–266; 50–301
License Nos. DPR–24; DPR–27

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

In response to the accident at Fukushima, the Commission issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," and Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation." The NRC conducted audits of licensee efforts towards compliance with these Orders, and the information gathered will aid staff in development of the ultimate Safety Evaluation for the site. After the NRC staff receives the Final Compliance letter for the site, the Safety Evaluation will be issued. 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."

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Letter to Robert Coffey from Jamnes Cameron dated August 31, 2016

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR POINT BEACH NUCLEAR PLANT,
UNITS 1 AND 2 (REPORT 05000266/2016005; 05000301/2016005)

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Point Beach
Inspection / Activity Plan
09/01/2016 - 06/30/2018

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			PI&R B - BIENNIAL PROBLEM ID AND RESOLUTION		4
1, 2	10/31/2016	11/18/2016	IP 71152B	Problem Identification and Resolution	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
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	
			ENG BI - TRIENNIAL FIRE PROTECTION INSPECTION		3
1, 2	09/19/2016	10/21/2016	IP 7111105T	Fire Protection [Triennial]	
			BI EP - EP BASELINE INSPECTION / PI VERIFICATION		1
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	
			ISI - INSERVICE INSPECTION UNIT 2		1
2	03/18/2017	04/14/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			OL PREP - INIT EXAM/APRIL 2017		3
1	04/10/2017	04/14/2017	W90359	OL - INITIAL EXAM - 2017 APR-MAY - POINT BEACH	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
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	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	05/01/2017	05/05/2017	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			TI191 - FLEX/MITIGATING STRATEGIES/SPFI		4
1	05/08/2017	05/12/2017	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
			OL EXAM - INIT EXAM/APRIL 2017		3
1	05/08/2017	05/19/2017	W90359	OL - INITIAL EXAM - 2017 APR-MAY - POINT BEACH	
			BI EP - EP EXERCISE INSPECTION / PI VERIFICATION		2
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	
			BI CDBI - COMPONENT DESIGN BASIS INSPECTION		7
1, 2	06/26/2017	07/28/2017	IP 7111121	Component Design Bases Inspection	

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

Point Beach
Inspection / Activity Plan
09/01/2016 - 06/30/2018

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	07/24/2017	07/28/2017	IP 71124.07	Radiological Environmental Monitoring Program	
			OL-RQ - BIENNIAL REQUAL PROGRAM INSPECTION		2
1, 2	08/07/2017	08/11/2017	IP 7111111B	Licensed Operator Requalification Program	
			ISI - INSERVICE INSPECTION UNIT 1		1
1	10/07/2017	11/03/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
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	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	02/26/2018	03/02/2018	IP 71124.05	Radiation Monitoring Instrumentation	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	06/18/2018	06/22/2018	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

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