



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

March 4, 2013

Mr. Larry Meyer
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 (05000266/2012001; 05000301/2012001)

Dear Mr. Meyer:

On February 12, 2013, the NRC staff 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, 2012, through December 31, 2012. 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 the performance at Point Beach Units 1 and 2 during the most recent quarter was within the Regulatory Response column of the NRC's Reactor Oversight Process (ROP) Action Matrix because of two inspection findings classified as having low to moderate safety significance (i.e., white) and all PIs indicated that your performance was within the nominal, expected range (i.e., green). One white finding, in the Emergency Preparedness Cornerstone, was opened in the second quarter of 2012 and was applicable to both Units. It was identified during an emergency event exercise when you inappropriately withdrew an existing evacuation protective action recommendation and changed it to shelter. The second white finding, in the Mitigating Systems Cornerstone, was opened in the fourth quarter of 2012 and was applicable to Unit 1. It involved inadequate work instructions and procedures to ensure proper alignment of the Unit 1 turbine-driven auxiliary feedwater pump and turbine and led to the failure of the pump-to-turbine coupling.

In a letter dated December 5, 2012, your staff notified the NRC of your readiness for it to conduct a supplemental inspection to review the actions taken to address the performance issues associated with the white finding in the Emergency Preparedness Cornerstone. In that letter, you requested the inspection begin on March 4, 2013. Therefore, in addition to ROP baseline inspections, the NRC plans to conduct a supplemental inspection in accordance with Inspection Procedure (IP) 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area," beginning on March 4, 2013. The objectives of that inspection will be to provide assurance that the root causes and contributing causes of the significant

performance issue represented by the white finding are understood, that the extent of condition and extent of cause are identified, and that your corrective actions are sufficient to address the root and contributing causes. Your staff has not yet notified the NRC of your readiness for it to conduct a supplemental inspection in accordance with IP 95001 to review the actions taken to address the performance issues associated with the white finding in the Mitigating Systems Cornerstone. That inspection will be scheduled once your staff has notified the NRC of your readiness for the inspection.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections in the last 12 months of the inspection plan are tentative and may be revised at the mid-cycle 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.

In addition to the ROP baseline, we plan to perform IP 60855.1, "Operation of an ISFSI at Operating Plants," and Temporary Instruction 182, "Review of Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks (Phase 2)."

In accordance with 10 CFR 2.390 of the NRC's Rules of Practice, a copy of this letter will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (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 Mr. Jamnes Cameron at (630) 829-9833 with any questions you have regarding this letter.

Sincerely,

/RA/

Gary L. Shear, Acting Director
Division of Reactor Projects

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

Enclosure: Point Beach Inspection/Activity Plan

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DATE	02/26/13	02/26/13	02/27/13	

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Letter to L. Meyer from G. Shear dated March 4, 2013.

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UNITS 1 AND 2 (05000266/2012001; 05000301/2012001)

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ROPassessment.Resource@nrc.gov

Point Beach
Inspection / Activity Plan
03/01/2013 - 12/31/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI HS - TRIENNIAL HEAT SINK INSPECTION		2
1, 2	02/25/2013	03/01/2013	IP 7111107T	Heat Sink Performance	
			ISI BI - ISI INSPECTION		2
1	03/18/2013	04/05/2013	IP 7111108P	Inservice Inspection Activities - PWR	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	04/08/2013	04/12/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/08/2013	04/12/2013	IP 71124.02	Occupational ALARA Planning and Controls	
			BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION		2
1	04/29/2013	05/03/2013	IP 7111402	Alert and Notification System Testing	
1	04/29/2013	05/03/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	04/29/2013	05/03/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	04/29/2013	05/03/2013	IP 71151	Performance Indicator Verification	
			TI 182 - TI 182 BURIED PIPE PHASE 2		2
1	06/17/2013	06/21/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			BI PI&R - BIENNIAL PROBLEM IDENTIFICATION AND RES		5
1	07/15/2013	08/02/2013	IP 71152B	Problem Identification and Resolution	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	07/15/2013	07/19/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	07/15/2013	07/19/2013	IP 71124.07	Radiological Environmental Monitoring Program	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	08/19/2013	08/23/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			BI FIRE - FIRE PROTECTION INSPECTION & BAG TRIP		3
1, 2	10/07/2013	11/08/2013	IP 7111105T	Fire Protection [Triennial]	
			RENEWAL - LICENSE RENEWAL UNIT 2 -71003 PHASE 1		5
2	09/20/2013	11/24/2013	IP 71003	Post-Approval Site Inspection for License Renewal	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	10/21/2013	10/25/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	10/21/2013	10/25/2013	IP 71124.02	Occupational ALARA Planning and Controls	
			BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION		2
1, 2	12/02/2013	12/06/2013	IP 7111111B	Licensed Operator Requalification Program	
			ISI BI - INSERVICE INSPECTION UNIT 2		1
1	03/17/2014	04/11/2014	IP 7111108P	Inservice Inspection Activities - PWR	

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

Point Beach
Inspection / Activity Plan
03/01/2013 - 12/31/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	03/24/2014	03/28/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	03/24/2014	03/28/2014	IP 71124.02	Occupational ALARA Planning and Controls	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	04/28/2014	05/02/2014	IP 71124.05	Radiation Monitoring Instrumentation	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	06/16/2014	06/20/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	06/16/2014	06/20/2014	IP 71151-BI01	Reactor Coolant System Activity	
1	06/16/2014	06/20/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	06/16/2014	06/20/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			BI ENG - COMPONENT DESIGN BASIS INSPECTION		6
1, 2	07/14/2014	08/15/2014	IP 7111121	Component Design Bases Inspection	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	08/11/2014	08/15/2014	IP 71124.02	Occupational ALARA Planning and Controls	
			ISFSI - ISFSI INSPECTION		1
1, 2	09/01/2014	10/31/2014	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			ISI BI - INSERVICE INSPECTION UNIT 1		1
1	10/05/2014	10/29/2014	IP 7111108P	Inservice Inspection Activities - PWR	
			BI EPEX - EMERGENCY PREPAREDNESS EXERCISE EVAL		2
1	12/08/2014	12/12/2014	IP 71151	Performance Indicator Verification	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	10/20/2014	10/24/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	10/20/2014	10/24/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/20/2014	10/24/2014	IP 71124.04	Occupational Dose Assessment	

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