



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

September 4, 2012

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

**SUBJECT: MID-CYCLE ASSESSMENT LETTER - POINT BEACH NUCLEAR PLANT,
UNITS 1 AND 2**

Dear Mr. Meyer:

On August 8, 2012, the 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, 2011, through June 30, 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 assessment reflects the integration of the Security Cornerstone into Inspection Manual Chapter 0305, "Operating Reactor Assessment Program."

The NRC determined the performance at Point Beach Nuclear Plant, 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 one inspection finding in the Emergency Preparedness Cornerstone being classified as having low to moderate safety significance (White) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). The White finding, effective the second quarter of 2012, involved a failure to develop and have in place guidelines for the choice of protective actions during an emergency that were consistent with Federal guidance.

Once the NRC is notified of your readiness for it to conduct a supplemental inspection to review the actions taken to address the performance issues, the NRC plans to conduct a supplemental inspection in accordance with Inspection Procedure 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area." This inspection is conducted to provide assurance that the root causes and contributing causes of risk-significant performance issues are understood, the extent of condition and extent of cause of risk-significant performance issues are identified, and the corrective actions are sufficient to prevent recurrence.

The NRC also plans to conduct non-routine inspections and temporary instructions at your facility, including: Inspection Procedure (IP) 71003, "Post-Approval Site Inspection for License Renewal"; IP 71111.05, "Fire Protection"; IP 71152, "Problem Identification and Resolution"; Temporary Instruction (TI) 2515/182, "Review of Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks (Phase 2)"; TI 2515/187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns"; and TI 2515/188, "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns."

L. Meyer

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The enclosed inspection plan lists the inspections scheduled through December 31, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months 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.

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 System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS), 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) 829-9601 with any questions you have regarding this letter.

Sincerely,

/RA by Kenneth O'Brien, Acting for/

Gary L. Shear, Acting Division Director
Division of Reactor Projects

Docket Nos. 50-266; 50-301
License Nos. DPR-24; DPR-27
Enclosure: Inspection Plan

cc w/encl: Distribution via ListServ

L. Meyer

-2-

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DATE	08/24 /12		08/27/12				

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Letter to L. Meyer from G. Shear dated September 4, 2012

SUBJECT: MID-CYCLE ASSESSMENT LETTER - POINT BEACH NUCLEAR PLANT,
UNITS 1 AND 2

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Point Beach
Inspection / Activity Plan
09/01/2012 - 12/31/2013

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		INSP - POWER UPRATE INSPECTION		3
01/01/2012	09/30/2012	IP 71004	Power Uprate	
		TI-187 - TI-187 FLOODING WALKDOWN		2
07/01/2012	12/30/2012	IP 2515/187	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	
		TI-188 - TI-188 SEISMIC WALKDOWN		2
07/02/2012	12/31/2012	IP 2515/187	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	
		BI OLRQ - REQUALIFICATION PROGRAM INSPECTION		1
09/24/2012	09/28/2012	IP 7111111A	Licensed Operator Requalification Program - Annual Review	
		BI ISI - INSERVICE INSPECTION - UNIT 2		1
11/01/2012	12/05/2012	IP 7111108P	Inservice Inspection Activities - PWR	
		RENEWAL - LICENSE RENEWAL INSPECTION 71003 PHASE 1		2
11/01/2012	12/05/2012	IP 71003	Post-Approval Site Inspection for License Renewal	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
11/05/2012	11/09/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
11/05/2012	11/09/2012	IP 71124.04	Occupational Dose Assessment	
		OL PREP - POINT BEACH INIT PREP - 11/2012		3
11/05/2012	11/09/2012	W90268	OL - INITIAL EXAM - 2012 DEC - POIN	
		STRIKE - STRIKE CONTINGENCY - SECURITY		2
12/01/2012	12/31/2012	IP 92709	Licensee Strike Contingency Plans	
		BI HS - TRIENNIAL HEAT SINK INSPECTION		2
11/26/2012	11/30/2012	IP 7111107T	Heat Sink Performance	
		OL EXAM - POINT BEACH INIT EXAM - 12/2012		3
12/03/2012	12/14/2012	W90268	OL - INITIAL EXAM - 2012 DEC - POIN	
		LIC RENW - LICENSE RENEWAL INSPECTION 71003 PHASE 2		3
01/22/2013	02/08/2013	IP 71003	Post-Approval Site Inspection for License Renewal	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
02/11/2013	02/15/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
02/11/2013	02/15/2013	IP 71151-BI01	Reactor Coolant System Activity	
02/11/2013	02/15/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	
02/11/2013	02/15/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	
		ISI BI - ISI INSPECTION		2
03/18/2013	04/05/2013	IP 7111108P	Inservice Inspection Activities - PWR	

Point Beach
Inspection / Activity Plan
09/01/2012 - 12/31/2013

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
04/08/2013	04/12/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
04/08/2013	04/12/2013	IP 71124.02	Occupational ALARA Planning and Controls	
		BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION		2
04/29/2013	05/03/2013	IP 7111402	Alert and Notification System Testing	
04/29/2013	05/03/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
04/29/2013	05/03/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
04/29/2013	05/03/2013	IP 71151	Performance Indicator Verification	
		TI 182 - TI 182 BURIED PIPE PHASE 2		2
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		4
07/15/2013	08/02/2013	IP 71152B	Problem Identification and Resolution	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
07/15/2013	07/19/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
07/15/2013	07/19/2013	IP 71124.07	Radiological Environmental Monitoring Program	
		BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION		2
07/22/2013	07/26/2013	IP 7111111B	Licensed Operator Requalification Program	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		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
10/14/2013	11/15/2013	IP 7111105T	Fire Protection [Triennial]	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
10/21/2013	10/25/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
10/21/2013	10/25/2013	IP 71124.02	Occupational ALARA Planning and Controls	
		OL PREP - POINT BEACH INIT PREP - 10/2013		3
10/28/2013	11/01/2013	W90291	OL - INITIAL EXAM - 2013 OCT-NOV - POINT BEACH	
		OL EXAM - POINT BEACH INIT EXAM - 11/2013		3
11/18/2013	11/29/2013	W90291	OL - INITIAL EXAM - 2013 OCT-NOV - POINT BEACH	