



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

September 1, 2011

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

**SUBJECT:** MID-CYCLE LETTER FOR POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2;  
05000266/2011006; 05000301/2011006

Dear Mr. Meyer:

On August 10, 2011, the NRC staff completed its mid-cycle performance review of Point Beach Nuclear Plant. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2010, through June 30, 2011. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

The NRC determined the performance of Point Beach Nuclear Plant 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, 2012. 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.

In the days following the Fukushima Daiichi nuclear accident in Japan, the Commission directed the staff to establish a senior-level agency task force to conduct a methodical and systematic review of the NRC's processes and regulations to determine whether the agency should make additional improvements to its regulatory system. The NRC has since completed Temporary Instruction (TI) 183, "Follow-up to Fukushima Daiichi Nuclear Station Fuel Damage Event," and TI-184, "Availability and Readiness Inspection of Severe Accident Management Guidelines (SAMGs)" at your facility. Results of these inspections can be found here:

<http://www.nrc.gov/japan/japan-activities.html>. Additionally, on May 11, 2011, the agency issued NRC Bulletin 2011-01, "Mitigating Strategies," to confirm compliance with Order EA-02-026, subsequently imposed license conditions, and 10 CFR 50.54(hh)(2), and to determine the status of licensee mitigating strategies programs. On July 12, 2011, the NRC's Task Force made its recommendations to the Commission in its report, "Recommendations for Enhancing Reactor Safety in the 21<sup>st</sup> Century: The Near-Term Task Force Review of Insights from the Fukushima Daiichi Accident." The NRC is currently reviewing the Task Force's recommendations to determine what additional actions may be warranted.

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 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 Mike Kunowski at (630) 829-9618 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Michael A. Kunowski, Chief  
Branch 5  
Division of Reactor Projects

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

Enclosure: Point Beach Nuclear Plant Inspection/Activity Plan

cc w/encl: Distribution via ListServe

L. Meyer

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Letter to L. Meyer from M. Kunowski dated September 1, 2011

SUBJECT: MID-CYCLE LETTER FOR POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2;  
05000266/2011006; 05000301/2011006

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**Point Beach  
Inspection / Activity Plan  
09/01/2011 - 12/31/2012**

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		<b>BI CDBI - COMPONENT DESIGN BASIS INSPECTION</b>		<b>6</b>
08/01/2011	09/02/2011	IP 7111121	Component Design Bases Inspection	
		<b>BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION</b>		<b>1</b>
09/12/2011	09/16/2011	IP 7111402	Alert and Notification System Testing	
09/12/2011	09/16/2011	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
09/12/2011	09/16/2011	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
09/12/2011	09/16/2011	IP 71151	Performance Indicator Verification	
		<b>BI ISI - INSERVICE INSPECTION - U1 &amp; UPRATE</b>		<b>1</b>
10/03/2011	11/26/2011	IP 71004	Power Uprate	
10/03/2011	11/26/2011	IP 7111108P	Inservice Inspection Activities - PWR	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
10/17/2011	10/21/2011	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
10/17/2011	10/21/2011	IP 71124.04	Occupational Dose Assessment	
10/24/2011	10/28/2011	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
10/24/2011	10/28/2011	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
10/24/2011	10/28/2011	IP 71124.04	Occupational Dose Assessment	
10/24/2011	10/28/2011	IP 71124.05	Radiation Monitoring Instrumentation	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>2</b>
01/09/2012	01/13/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
01/09/2012	01/13/2012	IP 71124.05	Radiation Monitoring Instrumentation	
01/09/2012	01/13/2012	IP 71151	Performance Indicator Verification	
		<b>ISFSI - ISFSI INSPECTION - SCHEDULE DEPENDENT</b>		<b>1</b>
04/01/2012	06/30/2012	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		<b>BI MODS - TRIENNIAL PERM MODS/50.59</b>		<b>3</b>
04/09/2012	04/27/2012	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
		<b>BI EPX - EP EXERCISE INSPECTION / PI VERIFICATION</b>		<b>2</b>
04/16/2012	04/20/2012	IP 7111401	Exercise Evaluation	
04/16/2012	04/20/2012	IP 71151	Performance Indicator Verification	
		<b>STRIKE - STRIKE CONTINGENCY - GREEN (SOMERP/CHEM)</b>		<b>2</b>
05/01/2012	06/01/2012	IP 92709	Licensee Strike Contingency Plans	
		<b>STRIKE - STRIKE CONTINGENCY - WHITE (QA/ENGRS)</b>		<b>2</b>
07/01/2012	07/31/2012	IP 92709	Licensee Strike Contingency Plans	

**Point Beach**  
**Inspection / Activity Plan**  
**09/01/2011 - 12/31/2012**

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
07/09/2012	07/13/2012	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
		<b>STRIKE - STRIKE CONTINGENCY - RED (QC/PLANNERS)</b>		<b>2</b>
07/25/2012	08/24/2012	IP 92709	Licensee Strike Contingency Plans	
		<b>BI ISI - INSERVICE INSPECTION - UNIT 2</b>		<b>1</b>
10/08/2012	11/02/2012	IP 7111108P	Inservice Inspection Activities - PWR	
		<b>RENEWAL - LICENSE RENEWAL INSPECTION 71003 PHASE 1</b>		<b>2</b>
10/08/2012	11/02/2012	IP 71003	Post-Approval Site Inspection for License Renewal	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTINO</b>		<b>1</b>
10/15/2012	10/19/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
10/15/2012	10/19/2012	IP 71124.04	Occupational Dose Assessment	
		<b>OL PREP - POINT BEACH INIT PREP - 11/2012</b>		<b>3</b>
11/05/2012	11/09/2012	W90268	OL - INITIAL EXAM - 2012 MAY - POIN	
		<b>BI HS - TRIENNIAL HEAT SINK INSPECTION</b>		<b>2</b>
11/26/2012	11/30/2012	IP 7111107T	Heat Sink Performance	
		<b>OL EXAM - POINT BEACH INIT EXAM - 12/2012</b>		<b>3</b>
12/03/2012	12/14/2012	W90268	OL - INITIAL EXAM - 2012 MAY - POIN	