



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

September 3, 2013

Mr. Larry Meyer
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 05000266/2013006 AND 05000301/2013006)**

Dear Mr. Meyer:

On August 13, 2013, 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, 2012, through June 30, 2013. 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 Nuclear Plant, Unit 1, during the most recent quarter, ending June 30, 2013, was within the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because of one low-to-moderate safety significant (i.e., White) finding (with corresponding violation) in the Mitigating Systems Cornerstone. The White finding was associated with a coupling failure on a turbine driven auxiliary feedwater pump and was identified in the fourth quarter of 2012.

In our letter dated August 9, 2013, "Final Significance Determination of a White Finding with Assessment Follow-Up and Notice of Violation" (ML13221A187), the NRC informed you of the final significance determination for one low-to-moderate safety significant (i.e. White) finding (with corresponding violation) in the Mitigating Systems Cornerstone. This additional White finding was associated with your failure to implement external flooding wave run-up protection design features as described in the Final Safety Analysis Report (FSAR) and was identified in the first quarter of 2013. The letter also informed you that as a result of two open White findings in the Mitigating Systems Cornerstone as of the first quarter of 2013, Unit 1 was assessed as being in the Degraded Cornerstone Column (Column 3) of NRC's Action Matrix, effective the first quarter of 2013. The NRC plans to conduct a supplemental inspection using Inspection Procedure 95002, "Supplemental Inspection for One Degraded Cornerstone or Any Three White Inputs in a Strategic Performance Area," in addition to the ROP baseline inspections at your facility.

The NRC determined the performance at Point Beach Nuclear Plant, Unit 2, during the most recent quarter, ending June 30, 2013, was within the License Response Column of the NRC's ROP Action Matrix. The August 9, 2013, Assessment Follow-Up letter stated that the White finding associated with your failure to implement external flooding wave run-up protection

design features as described in the FSAR was also considered as a Unit 2 finding. The letter also informed you that as a result of having one White finding in the first quarter of 2013, that Unit 2 was assessed as being in the Regulatory Response Column (Column 2) of NRC's Action Matrix, effective the first quarter of 2013.

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 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.

Additionally, once you have notified us that you are ready, we will conduct a supplemental inspection using Inspection Procedure 95002. The objectives of the supplemental inspection procedure are to provide assurance that the root and contributing causes of risk significant performance issues are understood; to provide assurance that the extent of condition and the extent of cause are identified; to determine if safety culture components caused or significantly contributed to the individual and collective risk significant performance issues; and to provide assurance that corrective actions are sufficient to address root and contributing causes and prevent recurrence.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact Ms. Patricia Pelke, Branch 6 Acting Chief, Division of Reactor Projects at 630-829-9868 with any questions you have regarding this letter or the inspection plan.

Sincerely,

/RA/

Cynthia D. Pederson
Regional Administrator

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 ListServ™

L. Meyer

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design features as described in the FSAR was also considered as a Unit 2 finding. The letter also informed you that as a result of having one White finding in the first quarter of 2013, that Unit 2 was assessed as being in the Regulatory Response Column (Column II) of NRC's Action Matrix, effective the first quarter of 2013.

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 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.

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OFFICE	RIII	RIII	RIII	RIII
NAME	JRutowski:rj/mt	PPelke	KO'Brien	CPederson
DATE	08/23/13	08/23/13	08/29/13	08/29/13

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Letter to L. Meyer from C. Pederson dated September 3, 2013

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR POINT BEACH NUCLEAR PLANT
UNITS 1 AND 2 (REPORT 05000266/2013006 AND 05000301/2013006)

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Point Beach
Inspection / Activity Plan
09/01/2013 - 12/31/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI FIRE - FIRE PROTECTION INSPECTION & BAG TRIP		3
1, 2	10/07/2013	11/08/2013	IP 7111105T	Fire Protection [Triennial]	
			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	11/18/2013	11/22/2013	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	
			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	06/23/2014	06/27/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	06/23/2014	06/27/2014	IP 71151-BI01	Reactor Coolant System Activity	
1	06/23/2014	06/27/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	06/23/2014	06/27/2014	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	
			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	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	10/06/2014	10/10/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/06/2014	10/10/2014	IP 71124.04	Occupational Dose Assessment	
			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	

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