



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

March 2, 2018

Mr. Robert Craven  
Plant General Manager  
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 (REPORT 05000266/2017006 AND 05000301/2017006)**

Dear Mr. Craven:

The NRC has completed its end-of-cycle performance assessment of Point Beach Nuclear Plant, Units 1 and 2, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2017 through December 31, 2017. 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 concluded that overall performance at your facility preserved public health and safety.

The NRC determined the performance at Point Beach Nuclear Plant, Units 1 and 2, during the most recent quarter was within the Licensee Response Column, the highest performance category of the NRC's Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the 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, 2019. This updated inspection plan now includes planned security inspections which were formerly transmitted under separate correspondence. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last 12 months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

The enclosed inspection includes, among other things, a biennial Problem Identification and Resolution team inspection in August 2018. The inspection will be conducted in accordance with NRC inspection procedure (IP) 71152, "Problem Identification and Resolution." A triennial team inspection will be conducted in September 2018 using IP 71111.17T, "Evaluations of Changes, Tests and Experiments."

This letter and its enclosure will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

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 and 50-301  
License Nos. DPR-24 and DPR-27

Enclosure:  
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Robert Craven from Jamnes Cameron dated March 2, 2018

SUBJECT: ANNUAL ASSESSMENT LETTER FOR POINT BEACH NUCLEAR PLANT,  
UNITS 1 AND 2 (REPORT 05000266/2017006 AND 05000301/2017006)

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**OFFICIAL RECORD COPY**

# IP 22 Inspection Activity Plan Report

## 07200005 - Point Beach (ISFSI)

03/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ISFSI Security Inspection</b>						
1	07/09/2018	07/13/2018	IP 81311	001006	Physical Security Requirements for Independent Spent Fuel Storage Installations	2

# IP 22 Inspection Activity Plan Report

## Point Beach

03/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						1
1, 2	02/26/2018	03/02/2018	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>SECURITY BASELINE INSPECTION</b>						2
1, 2	03/19/2018	03/23/2018	IP 71130.01	000733	Access Authorization	
1, 2	03/19/2018	03/23/2018	IP 71151	001338	Performance Indicator Verification	
1, 2	03/19/2018	03/23/2018	IP 81311	000831	Physical Security Requirements for Independent Spent Fuel Storage Installations	
<b>FORCE-ON-FORCE PLANNING &amp; EXERCISE WEEK</b>						7
1, 2	04/30/2018	05/04/2018	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	05/21/2018	05/25/2018	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						1
1, 2	06/18/2018	06/22/2018	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>ISFSI Cask Loading Inspection</b>						2
1, 2	06/25/2018	06/29/2018	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
<b>RP Baseline</b>						1
1, 2	08/13/2018	08/17/2018	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	08/13/2018	08/17/2018	IP 71124.07	000731	Radiological Environmental Monitoring Program	
<b>BIENNIAL PI&amp;R INSPECTION</b>						4
1	08/13/2018	08/31/2018	IP 71152B	000747	Problem Identification and Resolution	
<b>TRIENNIAL 50.59 INSPECTION</b>						3
1, 2	09/10/2018	09/14/2018	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>BIENNIAL REQUAL PROGRAM INSPECTION</b>						2
1, 2	09/17/2018	09/21/2018	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance - Biennial	
<b>INSERVICE INSPECTION UNIT 2</b>						1
2	10/08/2018	11/04/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	

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## Point Beach

03/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						2
1, 2	10/22/2018	10/26/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/22/2018	10/26/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	10/22/2018	10/26/2018	IP 71151	000746	Performance Indicator Verification	
<b>EP BASELINE INSPECTION / PI VERIFICATION</b>						1
1, 2	11/05/2018	11/09/2018	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	11/05/2018	11/09/2018	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	11/05/2018	11/09/2018	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	11/05/2018	11/09/2018	IP 71151	001397	Performance Indicator Verification	
<b>SECURITY BASELINE INSPECTION</b>						2
1, 2	11/05/2018	11/09/2018	IP 71130.02	000734	Access Control	
1, 2	11/26/2018	11/30/2018	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
<b>SECURITY BASELINE INSPECTION</b>						1
1, 2	03/11/2019	03/15/2019	IP 71130.02	000734	Access Control	
<b>INSERVICE INSPECTION UNIT 1</b>						1
1	03/23/2019	04/19/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						2
1, 2	04/01/2019	04/05/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/01/2019	04/05/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	04/01/2019	04/05/2019	IP 71124.04	000729	Occupational Dose Assessment	
<b>PHASE 4</b>						2
1, 2	04/15/2019	04/19/2019	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
<b>EP EXERCISE INSPECTION / PI VERIFICATION</b>						2
1	05/13/2019	05/17/2019	IP 71114.01	000716	Exercise Evaluation	
1	05/13/2019	05/17/2019	IP 71114.06	000721	Drill Evaluation	
1	05/13/2019	05/17/2019	IP 71151	001397	Performance Indicator Verification	
<b>CYBER SECURITY INSPECTION</b>						4
1	06/03/2019	06/21/2019	IP 71130.10P	000741	Cyber Security	

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

# IP 22 Inspection Activity Plan Report

## Point Beach

03/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>2019 PBNPS Exam</b>						4
1, 2	06/10/2019	06/15/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	07/14/2019	07/26/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>DBA PROGRAM</b>						3
1, 2	06/24/2019	07/12/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
<b>RP Baseline</b>						1
1, 2	09/16/2019	09/20/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	09/16/2019	09/20/2019	IP 71151	000746	Performance Indicator Verification	
<b>SECURITY BASELINE INSPECTION</b>						1
1, 2	09/16/2019	09/20/2019	IP 71130.06	000738	Protection of Safeguards Information	
1, 2	09/16/2019	09/20/2019	IP 71130.07	000739	Security Training	
1, 2	09/16/2019	09/20/2019	IP 71151	001338	Performance Indicator Verification	
<b>TRIENNIAL HEAT SINK INSPECTION</b>						2
1, 2	09/30/2019	10/04/2019	IP 71111.07T	000700	Heat Sink Performance -Triennial	
<b>TRIENNIAL FIRE PROTECTION INSPECTION</b>						3
1	10/07/2019	11/08/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	