



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

October 5, 2021

Mr. Michael Strope
Site Vice President
NextEra Energy Point Beach, LLC
6610 Nuclear Road
Two Rivers, WI 54241-9516

SUBJECT: POINT BEACH NUCLEAR PLANT – EMERGENCY PREPAREDNESS
BIENNIAL EXERCISE INSPECTION REPORT 05000266/2021501 AND
05000301/2021501

Dear Mr. Strope:

On September 16, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Point Beach Nuclear Plant and discussed the results of this inspection with Mr. Mike Holzmann and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) 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 Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

A handwritten signature in cursive script that reads "Patricia J. Pelke".

Signed by Pelke, Patricia
on 10/05/21

Patricia J. Pelke, Chief
Operations Branch
Division of Reactor Safety

Docket Nos. 05000266 and 05000301
License Nos. DPR-24 and DPR-27

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to Michael Strobe from Patricia J. Pelke dated October 5, 2021.

SUBJECT: POINT BEACH NUCLEAR PLANT – EMERGENCY PREPAREDNESS
BIENNIAL EXERCISE INSPECTION REPORT 05000266/2021501 AND
05000301/2021501

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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Numbers: 05000266 and 05000301

License Numbers: DPR-24 and DPR-27

Report Numbers: 05000266/2021501 and 05000301/2021501

Enterprise Identifier: I-2021-501-0018

Licensee: NextEra Energy Point Beach, LLC

Facility: Point Beach Nuclear Plant

Location: Two Rivers, WI

Inspection Dates: September 13, 2021 to September 16, 2021

Inspectors: M. Garza, Emergency Preparedness Inspector
G. Hansen, Senior Emergency Preparedness Inspector
R. Ng, Project Engineer

Approved By: Patricia J. Pelke, Chief
Operations Branch
Division of Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting an emergency preparedness biennial exercise inspection at Point Beach Nuclear Plant, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

List of Findings and Violations

No findings or violations of more than minor significance were identified.

Additional Tracking Items

None.

INSPECTION SCOPES

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2515, "Light-Water Reactor Inspection Program - Operations Phase." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards. Starting on March 20, 2020, in response to the National Emergency declared by the President of the United States on the public health risks of the coronavirus (COVID-19), inspectors were directed to begin telework. In addition, regional baseline inspections were evaluated to determine if all or a portion of the objectives and requirements stated in the IP could be performed remotely. If the inspections could be performed remotely, they were conducted per the applicable IP. In some cases, portions of an IP were completed remotely and on site. The inspections documented below met the objectives and requirements for completion of the IP.

REACTOR SAFETY

71114.01 - Exercise Evaluation

Inspection Review (IP Section 02.01-02.11) (1 Sample)

- (1) The inspectors evaluated the biennial emergency plan exercise on September 14, 2021. The exercise scenario simulated an event at the Point Beach Nuclear Plant that initiated with the declaration and notification of a Notice of Unusual Event in response to the unplanned loss of water from the Spent Fuel Pool due to equipment damage resulting from a seismic event. The scenario conditions simulated the escalation of the significance of the event, requiring the declaration of an Alert, a Site Area Emergency, and then a General Emergency, as well as the development of Protective Action Recommendations that were communicated to the required state and local government agencies.

71114.08 - Exercise Evaluation Scenario Review

Inspection Review (IP Section 02.01 - 02.04) (1 Sample)

- (1) The inspectors reviewed and evaluated the proposed scenario for the biennial emergency plan exercise on August 12, 2021.

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

EP01: Drill/Exercise Performance (DEP) Sample (IP Section 02.12) (1 Sample)

- (1) Unit 1 - April 01, 2020 through June 30, 2021
- Unit 2 - April 01, 2020 through June 30, 2021

EP02: Emergency Response Organization (ERO) Drill Participation (IP Section 02.13) (1 Sample)

- (1) Unit 1 - April 01, 2020 through June 30, 2021
- Unit 2 - April 01, 2020 through June 30, 2021

EP03: Alert And Notification System (ANS) Reliability Sample (IP Section 02.14) (1 Sample)

- (1) Unit 1 - April 01, 2020 through June 30, 2021
- Unit 2 - April 01, 2020 through June 30, 2021

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

The inspectors verified no proprietary information was retained or documented in this report.

- On September 16, 2021, the inspectors presented the emergency preparedness biennial exercise inspection results to Mr. Mike Holzmann and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71114.01	Corrective Action Documents	CR 2331941	10/17/19 Drill Critique Issue - JIC Establish Communication Link	10/17/2019
		CR 2331944	10/17/19 EP Drill: NARS Forms Not Sent Out in E-Mail	10/17/2019
		CR 2333439	Medical Emergency	10/29/2019
		CR 2333592	Failed EP Drill Objective in CR/SIM	10/30/2019
		CR 2357569	Off-Site Medical Response/Security Alert Status Gray	05/24/2020
		CR 2369120	Fleet/Corp IT Action Caused EP Communications Failure	09/23/2020
		CR 2369813	Video Feed Not Working Between Media Briefing Center and JIC	09/30/2020
		CR 2378525	2020 EP Assembly/Accountability Drill Canceled Due to Pandemic	12/16/2020
		CR 2392243	2Q21 EP Drill - Assembly & Accountability	05/04/2021
	CR 2401223	EP Drill NRC Pre-Ex Planning Standard Failure	08/16/2021	
	Miscellaneous		Exercise and Drill Scenario Reports	09/01/2019-09/01/2021
	Procedures	EP 7.0	Point Beach Nuclear Plant Emergency Plan, Emergency Facilities and Equipment	66
		EPIP 1.2	Emergency Classification	56
		EPIP 1.2.1	Emergency Action Level Technical Basis	28
		EPIP 1.3	Dose Assessment and Protective Action Recommendations	55
		EPIP 2.1	Notifications - ERO, State and Counties, and NRC	61
		EPIP 4.1	Technical Support Center (TSC) Activation and Evacuation	57
		EPIP 4.2	Operations Support Center (OSC) Activation and Evacuation	31
		EPIP 4.3	Emergency Operations Facility (EOF) Activation and Evacuation	51
EPIP 4.8		Joint Information Center Activation and Evacuation	10	
EPIP 6.1	Assembly, Accountability, and Evacuation of Personnel	46		
71114.08	Miscellaneous		Point Beach 2021 Emergency Preparedness Exercise Scenario	07/14/2021
71151	Corrective Action Documents Resulting from	AR 02404250	Update Needed to NRC KPIs - DEP PI	09/15/2021

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Inspection			
	Miscellaneous		Emergency Response Organization (ERO) Drill Participation Data	04/01/2020-06/30/2021
			Alert Notification System (ANS) Reliability Data	04/01/2020-06/30/2021
			Drill and Exercise Participation (DEP) Opportunities Data	04/01/2020-06/30/2021