



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

October 14, 2015

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

SUBJECT: POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2 - BASELINE EMERGENCY
PREPAREDNESS BIENNIAL EXERCISE INSPECTION REPORT
05000266/2015502; 05000301/2015502

Dear Mr. McCartney:

On September 18, 2015, the U.S. Nuclear Regulatory Commission (NRC) completed a Baseline Emergency Preparedness Biennial Exercise Inspection at the Point Beach Nuclear Plant, Units 1 and 2. The enclosed report documents the results of this inspection, which were discussed on September 18, 2015, with Mr. E. McCartney and other members of your staff.

The inspection examined activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel. No findings were identified during this inspection.

In accordance with Title 10 of the Code of Federal Regulations (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding," of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records (PARS) component of the 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).

Sincerely,

/RA/

Steven K. Orth, Chief
Plant Support Branch
Division of Reactor Safety

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

Enclosure
IR 05000266/2015502; 05000301/2015502

cc w/encl: Distribution via LISTSERV®

U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket Nos: 05000266; 05000301
License Nos: DPR-24; DPR-27

Report No: 05000266/2015502; 05000301/2015502

Licensee: NextEra Energy Point Beach, LLC

Facility: Point Beach Nuclear Plant, Units 1 and 2

Location: Two Rivers, WI

Dates: September 14, 2015 through September 18, 2015

Inspectors: G. Hansen, Senior Emergency Preparedness Inspector
M. Garza, Emergency Preparedness Inspector
N. Valos, Senior Risk Analyst
S. Sanchez, Senior Emergency Preparedness Inspector
J. Cherubini, Physical Security Inspector
L. Rodriguez, Reactor Inspector
J. Riley, Security Specialist

Approved by: Steven K. Orth, Chief
Plant Support Branch
Division of Reactor Safety

Enclosure

SUMMARY

Inspection Report 05000266/2015502, 05000301/2015502; 09/14/2015 – 09/18/2015; Point Beach Nuclear Plant, Units 1 and 2; Baseline Emergency Preparedness Biennial Exercise Inspection; Exercise Evaluation Scenario Review; Performance Indicator Verification.

This report covers a one-week period of announced baseline inspection by five regional inspectors. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 5, dated February 2014.

NRC-Identified and Self-Revealed Findings

Cornerstone: Emergency Preparedness

No findings were identified.

Licensee-Identified Violations

None

REPORT DETAILS

1. REACTOR SAFETY

Cornerstone: Emergency Preparedness

1EP7 Exercise Evaluation – Hostile Action Event (71114.07)

.1 Exercise Evaluation

a. Inspection Scope

Title 10, of the *Code of Federal Regulations* (CFR), Part 50, Appendix E, Section IV.F.2.j, requires, in part, that nuclear power reactor licensees, in each eight calendar year exercise cycle, provide the opportunity for its Emergency Response Organization (ERO) to demonstrate proficiency in the key skills necessary to respond to a Hostile Action (HA) event directed at the plant site. Point Beach Nuclear Plant staff designed the September 15, 2015, exercise to satisfy this requirement. The NRC inspected this HA exercise to assess the licensee's ability to effectively implement its Emergency Plan during an HA event and adequately protect public health and safety.

The exercise evaluation consisted of the following reviews and assessments:

- The adequacy of the licensee's performance in the biennial exercise conducted on September 15, 2015, regarding the implementation of the Risk-Significant Planning Standards in 10 CFR 50.47 (b)(4), (5), (9), and (10), which address emergency classification, offsite notification, radiological assessment, and Protective Action Recommendations, respectively.
- The overall adequacy of the licensee's emergency response facilities with regard to NUREG-0696, "Functional Criteria for Emergency Response Facilities," and Emergency Plan commitments. The facilities assessed were the Alternate Emergency Operations Facility, the Alternate Technical Support Center/Operations Support Center, and the Control Room Simulator.
- A review of other performance areas such as the licensee ERO's recognition of abnormal plant conditions; command and control, including interactions with site security staff; intra and inter-facility communications; prioritization of mitigating activities; utilization of repair and field monitoring teams; interface with offsite agencies, including local law enforcement agencies; staffing and procedure adequacy; and the overall implementation of the Emergency Plan and its implementing procedures.
- Past performance issues from NRC inspection reports to determine the effectiveness of corrective actions, as demonstrated during this exercise, to ensure compliance with 10 CFR 50.47(b)(14).
- The adequacy of the licensee's post-exercise critiques, to evaluate the Point Beach Nuclear Plant self-assessment of its ERO performance during the September 15, 2015, exercise and to ensure compliance with 10 CFR Part 50, Appendix E, Section IV.F.2.g.

Documents reviewed are listed in the Attachment to this report.

This exercise evaluation inspection constituted one inspection sample as defined in Inspection Procedure (IP) 71114.07.

b. Findings

No findings were identified.

1EP8 Exercise Evaluation – Scenario Review (71114.08)

a. Inspection Scope

Prior to the inspection activity on-site, the inspectors conducted an in-office review of the exercise objectives and scenarios submitted to the NRC using IP 71114.08, "Exercise Evaluation - Scenario Review," to determine if the exercise would test major elements of the Emergency Plan as required by 10 CFR 50.47(b)(14). Documents reviewed are listed in the Attachment to this report.

This review of the exercise objectives and scenario constituted one inspection sample as defined in IP 71114.08.

b. Findings

No findings were identified.

4. OTHER ACTIVITIES

Cornerstone: Emergency Preparedness

4OA1 Performance Indicator Verification (71151)

.1 Drill/Exercise Performance

a. Inspection Scope

The inspectors sampled licensee submittals for the Drill/Exercise Performance (DEP) Performance Indicator (PI) for the fourth quarter 2014 through the second quarter 2015. To determine the accuracy of the DEP data reported during this period, PI definitions and guidance contained in Nuclear Energy Institute (NEI) 99-02, "Regulatory Assessment Performance Indicator Guideline," Revision 7, was used. The inspectors reviewed the licensee's records associated with the PI to verify that the licensee accurately reported the indicator in accordance with relevant procedures and the NEI guidance. Specifically, the inspectors reviewed licensee records and processes, including procedural guidance on assessing opportunities for the PI, assessments of PI opportunities during pre-designated Control Room Simulator training sessions, and performance during other drills. Documents reviewed are listed in the Attachment to this report.

This inspection constituted one DEP PI verification inspection sample as defined in IP 71151.

b. Findings

No findings were identified.

.2 Emergency Response Organization Drill Participation

a. Inspection Scope

The inspectors sampled licensee submittals for the ERO Drill Participation PI for the fourth quarter of 2014 through the second quarter of 2015. To determine the accuracy of the PI data reported during this period, PI definitions and guidance contained in NEI 99-02, "Regulatory Assessment Performance Indicator Guideline," Revision 7, was used. The inspectors reviewed the licensee's records associated with the PI to verify that the licensee accurately reported the indicator in accordance with relevant procedures and the NEI guidance. Specifically, the inspectors reviewed licensee records and processes including procedural guidance on assessing opportunities for the PI, performance during the 2014 and 2015 drills, and revisions of the roster of personnel assigned to key ERO positions. Documents reviewed are listed in the Attachment to this report.

This inspection constituted one ERO Drill Participation PI verification inspection sample as defined in IP 71151.

b. Findings

No findings were identified.

.3 Alert and Notification System

a. Inspection Scope

The inspectors sampled licensee submittals for the Alert and Notification System (ANS) PI for the fourth quarter 2014 through the second quarter 2015. To determine the accuracy of the PI data reported during this period, PI definitions and guidance contained in NEI 99-02, "Regulatory Assessment Performance Indicator Guideline," Revision 7, was used. The inspectors reviewed the licensee's records associated with the PI to verify that the licensee accurately reported the indicator in accordance with relevant procedures and the NEI guidance. Specifically, the inspectors reviewed licensee records and processes including procedural guidance on assessing opportunities for the PI and results of periodic scheduled ANS operability tests. Documents reviewed are listed in the Attachment to this report.

This inspection constituted one ANS PI verification inspection sample as defined in IP 71151.

b. Findings

No findings were identified.

4OA6 Management Meetings

.1 Exit Meeting Summary

On September 18, 2015, the inspectors presented the biennial exercise inspection results to Mr. E. McCartney, and other members of the licensee staff. The licensee acknowledged the issues presented. The inspectors confirmed that none of the potential report input discussed was considered proprietary.

.2 Public and Media Briefing

The scheduled Federal Emergency Management Agency public meeting was not held due to members of the public not in attendance.

ATTACHMENT: SUPPLEMENTAL INFORMATION

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee

E. McCartney, Site Vice President
D. Deboer, Plant General Manager
A. Fitzgerald, Emergency Preparedness Specialist
R. Harrsch, Engineering Director
L. Hawki, Engineering ERRT Manager
J. Henrickson, Emergency Preparedness Coordinator
K. Hilliker, Emergency Preparedness Coordinator
M. Kanz, Communication Supervisor
B. Kopetsky, Security Manager
B. Leonhardt, Emergency Preparedness Coordinator
M. Miller, Projects
R. Parker, Chemistry Manager
P. Polfleit, Emergency Preparedness Corporate Functional Area Manager
M. Rosseau, Design Engineering Supervisor
B. Scherwinski, Licensing
R. Seizert, Emergency Preparedness Manager
J. Strharsky, Nuclear Oversight Manager
S. Wall, Emergency Preparedness Training
R. Webber, Operations Director
R. Welty, Radiation Protection Manager
J. Wilson, Maintenance Director
B. Woyak, Licensing Manager

U.S. Nuclear Regulatory Commission

D. Oliver, Senior Resident Inspector
K. Barclay, Resident Inspector

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

Opened, Closed, and Discussed

None

LIST OF ACRONYMS USED

ADAMS	Agencywide Documents Access and Management System
ANS	Alert and Notification System
CFR	<i>Code of Federal Regulations</i>
DEP	Drill and Exercise Performance
ERO	Emergency Response Organization
HA	Hostile Action
IP	Inspection Procedure
NEI	Nuclear Energy Institute
NRC	U.S. Nuclear Regulatory Commission
PARS	Publicly Available Records System
PI	Performance Indicator

LIST OF DOCUMENTS REVIEWED

The following is a partial list of documents reviewed during the inspection. Inclusion on this list does not imply that the NRC inspectors reviewed the documents in their entirety, but rather that selected sections or portions of the documents were evaluated as part of the overall inspection effort. Inclusion of a document on this list does not imply NRC acceptance of the document or any part of it, unless this is stated in the body of the inspection report.

1EP7 Exercise Evaluation (71114.07)

- EP 7.0; Emergency Facilities and Equipment; Revision 59
- EP Appendix B; Emergency Classification; Revision 28
- PBSRP 1.4.1; Security Alert Status (Red), Revision 47
- PBSRP 6.4; Armed Responder/Security Officer Posts; Revision 22
- CAS Controller EP Drill/Exercise Log for September 15, 2015 Exercise
- CAS Controller EP Drill/Exercise Log for September 15, 2015 Exercise
- AR 01910798; DR13 Unsatisfactory Objective for Assembly and Accountability; dated 10/9/2013
- AR 01947289; Assembly and Accountability Drill Strengths and Lessons Learned; dated 3/11/2014
- AR 01964548; Concerns Identified with TSC/OSC PIMS; dated 5/8/2014
- AR 01979874; Incomplete Documentation Submitted for NARS Drill; dated 7/23/2014
- AR 01992225; PREX14 – Security Response during EP Drill; dated 9/18/2014
- AR 01995607; Phone in Only Augmentation Drill Unsatisfactory Results; dated 10/2/2014
- AR 02012486; EX14 Timeliness of GE Notification; dated 12/11/2014
- AR 02012515; Weakness in Implementing On-Site Protective Actions; dated 12/11/2014
- AR 02012540; Evaluate Current PASRS for Rapidly Progressing; dated 12/11/2014
- AR 02024656; EX14 Adverse Trend Identified during December NRC Exercise; dated 12/11/2015
- AR 02074399; 2015 HABEX – JPIC Command and Control; dated 9/16/2015
- AR 02074404; 2015 HABEX – Control Room Enhancements; dated 9/16/2015
- AR 02074405; 2015 HABEX Potential Training Items; dated 9/16/2015
- AR 02074412; 2015 HABEX – AEOF Training Items; dated 9/16/2015
- AR 02074414; 2015 HABEX – Information Sharing among Facilities; dated 9/16/2015
- AR 02074415; 2015 HABEX – AEOF Facility Layout Changes; dated 9/16/2015
- AR 02074416; 2015 HABEX – AEOF Roll up Items; dated 9/16/2015
- AR 02074465; 2015 HABEX – Two Rivers Fire Department (TRFD) Deficiencies; dated 9/17/2015
- AR 02074471; 2015 HABEX – Media Release Reviews Untimely in JPIC; dated 9/17/2015
- AR 02074472; 2015 HABEX – JPIC Roll Up; dated 9/17/2015
- AR 02074474; 2015 HABEX – Training Items from Incident Command Post; dated 9/17/2015
- AR 02074475; 2015 HABEX – Incident Command Post Roll up Items; dated 9/17/2015
- AR 02074482; 2015 HABEX – Training on Integrated Response for HAB; dated 9/17/2015
- AR 02074481; 2015 HABEX – Understanding of Integrated Response; dated 9/17/2015
- AR 02074494; 2015 HABEX – Two Rivers Fire Department (TRFD) Enhancement; dated 9/17/2015
- AR 02074496; 2015 HABEX – TRFD Potential Training Item; dated 9/17/2015
- AR 02074502; PIM for Admin Leader at the TRFD; dated 9/17/2015
- AR 02074519; CMP for AEOF Facility Layout Improvements; dated 9/17/2015
- AR 02074525; 2015 HABEX – JPIC and Alternative Facility Activation Times; dated 9/17/2015
- AR 02074555; 2015 HABEX – Benchmark CAS/SAS Operator Checklist; dated 9/17/2015

1EP8 Exercise Evaluation – Scenario Review (71114.08)

- 2015 Point Beach Nuclear Plant Evaluated Exercise September 15, 2015

4OA1 Performance Indicator Verification (71151)

- ERO Drill Participation; Fourth Quarter of 2014 – Second Quarter of 2015
- DEP Opportunities; Fourth Quarter of 2014 – Second Quarter of 2015
- ANS Reliability; Fourth Quarter of 2014 – Second Quarter of 2015



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

October 14, 2015

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

SUBJECT: POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2 - BASELINE EMERGENCY PREPAREDNESS
BIENNIAL EXERCISE INSPECTION REPORT 05000266/2015502; 05000301/2015502

Dear Mr. McCartney:

On September 18, 2015, the U.S. Nuclear Regulatory Commission (NRC) completed a Baseline Emergency Preparedness Biennial Exercise Inspection at the Point Beach Nuclear Plant, Units 1 and 2. The enclosed report documents the results of this inspection, which were discussed on September 18, 2015, with Mr. E. McCartney and other members of your staff.

The inspection examined activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel. No findings were identified during this inspection.

In accordance with Title 10 of the Code of Federal Regulations (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding," of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records (PARS) component of the 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).

Sincerely,

/RA/

Steven K. Orth, Chief
Plant Support Branch
Division of Reactor Safety

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

Enclosure
IR 05000266/2015502; 05000301/2015502

cc w/encl: Distribution via LISTSERV®

DISTRIBUTION w/encl:

Janelle Jessie
RidsNrrDorlLpl3-1 Resource
RidsNrrPMPPointBeach
RidsNrrDirslrib Resource
Cynthia Pederson
Darrell Roberts
Richard Skokowski
Allan Barker

Carole Ariano
Linda Linn
DRPIII
DRSIII
Jim Clay
Carmen Olteanu
ROPreports.Resource@nrc.gov

ADAMS Accession Number ML15289A211

Publicly Available Non-Publicly Available Sensitive Non-Sensitive

To receive a copy of this document, indicate in the concurrence box "C" = Copy without attach/encl "E" = Copy with attach/encl "N" = No copy

OFFICE	RIII	RIII	RIII	RIII
NAME	MGarza:cl	DFunk	SOrth	
DATE	10/13/15	10/13/15	10/14/15	

OFFICIAL RECORD COPY