



June 8, 2012

NRC 2012-0042  
10 CFR 50.54(f)

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
11555 Rockville Pike  
Rockville, MD 20852

Point Beach Nuclear Plant, Units 1 and 2  
Dockets 50-266 and 50-301  
Renewed License Nos. DPR-24 and DPR-27

Response to NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding  
Recommendation 9.3, of the Near-Term Task Force Review of Insights from the Fukushima  
Dai-Ichi Accident

- References:
- (1) U.S. Nuclear Regulatory Commission, "Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-Ichi Accident," March 12, 2012 (ML12053A340)
  - (2) NextEra Energy Point Beach, LLC letter to NRC, dated May 10, 2012, NextEra Energy Point Beach, LLC's 60-day Response to NRC Letter, Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-Ichi Accident; dated March 12, 2012

Via Reference (1), the Nuclear Regulatory Commission (NRC) issued a request for information pursuant to 10 CFR 50.54(f). Enclosure 5 of Reference (1) contains specific Requested Actions and Requested Information associated with Recommendation 9.3 for Emergency Preparedness (EP) programs. NextEra Energy Point Beach, LLC (NextEra) submitted an alternative course of action and basis for acceptability of that course of action in response to the information request (Reference 2).

Enclosure 1 provides the NextEra response to Communications Request #2 and Staffing Requests #3, #4 and #5 of the proposed alternative course of actions provided in Reference (2).

This letter contains no new Regulatory Commitments and no revisions to existing Regulatory Commitments.

If you have any questions, please contact Mr. James Costedio, Licensing Manager, at 920/755-7427.

I declare under penalty of perjury that the foregoing is true and correct.  
Executed on June 8, 2012.

Very truly yours,

NextEra Energy Point Beach, LLC

A handwritten signature in black ink, appearing to read "R. V. L. Meyer". The signature is stylized with a large, prominent "A" in the middle.

Larry Meyer  
Site Vice President

Enclosure

cc: Administrator, Region III, USNRC  
Project Manager, Point Beach Nuclear Plant, USNRC  
Resident Inspector, Point Beach Nuclear Plant, USNRC  
Director of Office of Nuclear Reactor Regulation, USNRC

## ENCLOSURE 1

### NEXTERA ENERGY POINT BEACH, LLC POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

#### RESPONSE TO COMMUNICATIONS REQUEST #2 AND STAFFING REQUESTS #3, #4 AND #5 OF THE NEXTERA ENERGY POINT BEACH, LLC PROPOSED ALTERNATIVE COURSE OF ACTIONS

Via Reference (1), NextEra Energy Point Beach, LLC (NextEra) submitted an alternative course of action to respond to the requested information associated with Recommendation 9.3 for Emergency Preparedness (EP) programs of the near-term task force review of insights from the Fukushima Dai-Ichi Accident (Reference 2). The following information is provided by NextEra in response to Communications Request #2 and Staffing Requests #3, #4 and #5 of the proposed alternative course of actions provided in Reference (1).

#### COMMUNICATIONS

##### Request #2

*Describe any interim actions that have been taken or are planned to be taken to enhance existing communications systems power supplies until the communications assessment and the resulting actions are complete.*

##### NextEra Response

The current Point Beach Nuclear Plant (PBNP) internal plant phone system has an eight-hour battery back-up. Six satellite phones are also available on-site which are connected to the internal plant phone system, and are also connected to a battery back-up. In the event that all communication infrastructure is lost within 25 miles of the plant, in accordance with Nuclear Energy Institute (NEI) 12-01 guidance, it is assumed that the current PBNP internal plant phone system would not be functional.

Point-to-point contact would be available on-site via the site's radio communication system. Currently, there are more than 100 radios available for use and over 40 additional batteries. The battery chargers on site have the ability to be connected to a portable generator to ensure the availability of the site's radio communication system.

In the event that the present PBNP offsite communication systems are not functional, NextEra has ordered 15 satellite phones. Unlike the satellite phone system connected to the internal plant phone system, these 15 satellite phones will be powered from internal and rechargeable portable batteries. Satellite phones will be made available at each key emergency response facility, as well as the Control Room. These new satellite phones will be deployed to their respective locations by September, 2012.



## **STAFFING**

### **Request #3**

*Identify how the augmented staff would be notified given degraded communications capabilities.*

### **NextEra Response**

Expectations have been communicated to all Emergency Response Organization (ERO) members to respond to their respective assigned emergency response facilities when made aware of an area-wide loss-of-grid or loss-of-communication capability event. In the event that their respective facility is inaccessible, ERO members were directed to go to the Joint Public Information Center (JPIC), located approximately 25 miles from PBNP, in Green Bay, Wisconsin. The expectation will be included in EP initial and refresher training for ERO members.

### **Request #4**

*Identify the methods of access (e.g., roadways, navigable bodies of water and dockage, airlift, etc.) to the site that are expected to be available after a widespread large scale natural event.*

### **NextEra Response**

Primary vehicle access to the PBNP Owner Controlled Area (OCA) is through the south site entrance from Nuclear Road. A secondary access point to the PBNP OCA is through the north site entrance on Lakeshore Road. There are numerous traffic routes north, south and west of the OCA that maximize the potential that site vehicle access would not be hindered. If access to the plant is restricted due to debris covering the roadways, both county and commercially available heavy equipment could be utilized to free a travel path to the site. In addition to being accessible via a vehicle, PBNP can be accessed via other methods including a helicopter, watercraft, or walking.

NextEra has Letters of Agreement (LOA) with the following agencies, which may be utilized in order to assure site accessibility following a large-scale event:

- State of Wisconsin, Wisconsin Emergency Management
- Manitowoc County Sheriff's Department
- Manitowoc County Emergency Management
- Kewaunee County Emergency Management
- Kewaunee County Sheriff's Department
- Town of Two Creeks
- Brandt Buses, Inc.
- Manitowoc County Highway Commission

### **Request #5**

*Identify any interim actions that have been taken or are planned prior to the completion of the staffing assessment.*

### **NextEra Response**

NextEra has not identified any interim actions related to ERO staffing prior to completion of the staffing assessment.

### **References**

1. NextEra Energy Point Beach, LLC letter to NRC, dated May 10, 2012, NextEra Energy Point Beach, LLC's 60-day Response to NRC Letter, Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-Ichi Accident; dated March 12, 2012
2. U.S. Nuclear Regulatory Commission, "Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-Ichi Accident," March 12, 2012 (ML12053A340)