



June 7, 2012

10 CFR 50.54(f)

SBK-L-12109

Docket No. 50-443

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

Seabrook Station

90-Day Response to March 12, 2012 10 CFR 50.54(f) Request for Information Regarding  
the Flooding Aspects of Recommendations 2.1 and 2.3 of the Near-Term Task Force  
Review of Insights from the Fukushima Dai-ichi Accident

**References:**

1. 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. (ML12053A340)
2. NRC Letter, Prioritization of Response Due Dates for "Request for Information Pursuant to "Title 10 of the Code of Federal Regulations 50.54(f) Regarding Flooding Hazard Reevaluations for Recommendation 2.1 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident, dated May 11, 2012. (ML 12097A509)
3. NRC Letter, Endorsement of Nuclear Energy Institute (NEI) 12-07, "Verification Walkdowns of Plant Flood Protection Features," dated May 31, 2012. (ML12144A142)

On March 12, 2012, the NRC staff issued a letter entitled 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. Enclosures 2 and 4 of Reference 1 contain

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specific Requested Actions, Requested Information, and Required Responses associated with Recommendations 2.1 and 2.3 for Flooding Evaluations and Walkdowns. This letter provides NextEra Energy Seabrook, LLC's (NextEra Energy Seabrook) 90-day response to Reference 1 for Seabrook Station.

As stated below, NextEra Energy Seabrook currently intends to meet all of the specified response dates; however, due to numerous uncertainties concerning the scope of the required tasks, the availability of qualified vendor support, training, scheduling, and other unforeseen circumstances, we reserve the right to request an extension to any of these dates at a later time, if necessary.

### **Recommendation 2.1: Flooding**

The response date for the Seabrook Station flood hazard evaluation was identified in Reference 2 as March 12, 2015, which corresponds to three years from the date of Reference 1. NextEra Energy Seabrook plans to comply with the requested response date.

NextEra Energy Seabrook plans to meet the requested date for the other required responses in Enclosure 2 of Reference 1. Specifically, an approach for developing an Integrated Assessment for Seabrook Station will be submitted 60 days after the NRC endorses Integrated Assessment Guidance. In addition, an Integrated Assessment report for Seabrook Station, if it is necessary, will be submitted two years after the flood evaluation is submitted.

### **Recommendation 2.3: Flooding**

For flooding recommendation 2.3 (walkdowns), Enclosure 4 of Reference 1 states that each licensee is to confirm that it will use the NRC-endorsed flooding walkdown procedure or provide a description of the process it will use.

NextEra Energy Seabrook confirms that it will use the flooding walkdown procedure (NEI 12-07, *Guidelines for Performing Verification Walkdowns of Plant Flood Protection Features*) endorsed by Reference 3 as the basis for the flooding walkdowns at Seabrook Station.

NextEra Energy Seabrook plans to comply with the response timeline in Enclosure 4 of Reference 1. Specifically, NextEra Energy Seabrook will submit a report documenting the results of its flooding design basis walkdowns at Seabrook Station on November 27, 2012, which corresponds to 180 days after NRC endorsement of the generic guidance.

There are no regulatory commitments contained in this letter.

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Should you have any questions regarding this letter, please contact Mr. Michael O'Keefe, Licensing Manager, at (603) 773-7745.

Sincerely,

NextEra Energy Seabrook, LLC

A handwritten signature in black ink, appearing to read 'Paul O. Freeman', is written over a horizontal line.

Paul O. Freeman  
Site Vice President

Enclosures

cc: E. J. Leeds, Director of Office of Nuclear Reactor Regulation  
W. M. Dean, NRC Region I Administrator  
J. L. Lamb, NRC Project Manager  
W. J. Raymond, NRC Senior Resident Inspector

Mr. Christopher M. Pope, Director Homeland Security and Emergency  
Management  
New Hampshire Department of Safety  
Division of Homeland Security and Emergency Management  
Bureau of Emergency Management  
33 Hazen Drive  
Concord, NH 03305

Mr. John Giarrusso, Jr., Nuclear Preparedness Manager  
The Commonwealth of Massachusetts  
Emergency Management Agency  
400 Worcester Road  
Framingham, MA 01702-5399



**AFFIDAVIT**

**SEABROOK STATION UNIT 1**

**Facility Operating License NPF-86**

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I, Tom, Vehec, Plant General Manager of NextEra Energy Seabrook, LLC hereby affirm that the information and statements contained within this Response to the 10 CFR 50.54(f) Request for Information are based on facts and circumstances which are true and accurate to the best of my knowledge and belief.

Sworn and Subscribed  
before me this

7 day of June, 2012

Shirley Sweeney  
Notary Public

Tom Vehec  
Plant General Manager

