



September 25, 2015
SBK-L-15181
Docket No. 50-443

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Seabrook Station

Response to NRC 10 CFR 50.54(f) Request for Information Regarding Near-Term Task Force Recommendation 2.1, Flooding - Submittal of Flooding Hazards Reevaluation Report

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," 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," May 11, 2012 (ML12097A509)
3. NRC Letter, "Supplemental Information Related to 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," March 1, 2013 (ML13044A561)
4. NextEra Energy Seabrook letter SBK-L-12243 to U.S. Nuclear Regulatory Commission, "Response to NRC 10CFR 50.54(f) Request for Information Regarding Near-Term Task Force Recommendation 2.3, Flooding," November 27, 2012 (ML12342A008)
5. NextEra Energy Seabrook letter SBK-L-15039 to U.S. Nuclear Regulatory Commission, "Extension Request Regarding the Flooding Hazard Reevaluation Report Required by NRC Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendation 2.1, Flooding of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident," March 6, 2015, (ML15070A545)

AO10
NER

6. NRC Letter, "Relaxation of Response Due Dates Regarding Flooding Hazard Reevaluations for Recommendation 2.1 of the Near-Term Task Force Review of the Insights from the Fukushima Dai-ichi Accident, April 27, 2015 (ML15103A469)

On March 12, 2012, the Nuclear Regulatory Commission (NRC) staff issued Reference 1 to all NRC power reactor licensees and holders of construction permits in active or deferred status. Enclosure 2 of Reference 1 contains specific requested actions, requested information, and required responses associated with Near-Term Task Force (NTTF) Recommendation 2.1 for flooding hazards. Enclosure 2 of Reference 1 directed reevaluation of flooding hazards at sites and indicated that a Hazard Reevaluation Report (HRR) would be due within one to three years from the date of the Reference 1 letter. On May 11, 2012, the NRC issued the Reference 2 letter that contained the NRC's prioritization plan and due dates for licensees to submit HRRs. Seabrook Station Unit 1, operated by Nextera Energy Seabrook, LLC (NextEra), was identified as a Category 3 site in Reference 2 and was required to submit its HRR by March 12, 2015.

In Reference 3, the NRC provided supplemental information that states incomplete HRRs that only contain an analysis of some flooding hazard mechanisms would not be of substantive benefit for staff review and would not be acceptable. Therefore, Reference 3 recommends that licensees not submit partial reports, but instead submit an extension request.

In Reference 5, NextEra requested an extension of the March 12, 2015 due date for submittal of the HRR. In Reference 6, the NRC revised the required response date for submitting the HRR to September 30, 2015.

The enclosure to this letter provides the requested report.

This letter contains four new regulatory commitments.

1. NextEra Energy Seabrook will inspect door thresholds and jambs on ground level doors where floodwater penetration is a concern and correct material degradation such as torn or missing seals identified during the inspections by May 30, 2016.
2. NextEra Energy Seabrook will develop procedural guidance to coordinate preparation and response to a forecast or ongoing flooding event by May 30, 2016.
3. NextEra Energy Seabrook will revise the severe weather procedure by May 30, 2016 to
 - strengthen shutdown requirements and provide shutdown criteria.
 - require augmenting station staffing in advance of a forecast extreme weather event.
 - provide steps to install temporary flood barriers in selected doorways/openings where flooding could impact implementation of FLEX strategies.
4. NextEra Energy Seabrook will procure and store/stage temporary flood barriers for installation in selected doorways/openings by May 30, 2016.

Should you have any questions concerning this submittal, please contact Mr. Michael Ossing, Licensing Manager, at (603) 773-7512.


U.S. Nuclear Regulatory Commission
SBK-L-15181/Page 3

I declare under penalty of perjury that the foregoing is true and correct.

Executed on September 25, 2015.

Sincerely,

NextEra Energy Seabrook, LLC



Dean Curtland
Site Vice President

Enclosure

cc: D. Dorman, NRC Region I Administrator
J.G. Lamb, NRC Project Manager, Project Directorate 1-2
P. Cataldo, NRC Senior Resident Inspector
Director, Office of Nuclear Reactor Regulation
Ms. Jessica A. Kratchmann, NRR/JLD/PMB, NRC
Mr. Eric E. Bowman, NRR/DPR/PGCB

Mr. Perry Plummer
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

Enclosure to SBK-L-15181
Seabrook Station
Flooding Hazards Reevaluation Report