



February 5, 2010

SBK-L-10017

Docket No. 50-443

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

Seabrook Station

Nine-Month Supplemental (Post-Outage) Response to NRC Generic Letter 2008-01,
"Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and
Containment Spray Systems"

- References:
1. NRC Generic Letter 2008-01, "Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems" dated January 11, 2008.
 2. Letter L-2008-076 to NRC, "Extension Request Regarding the Three Month Response to Generic Letter 2008-01, Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems," April 9, 2008.
 3. Letter SBK-L-08058, "Three Month Response to Generic Letter 2008-01, Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems," May 9, 2008.
 4. NRC Letter, "Seabrook Station – RE: Generic Letter 2008-01, "Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems, Proposed Alternative Course of Action," September 29, 2008.
 5. Letter SBK-L-08179, "Nine-Month Response to NRC Generic Letter 2008-01, Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems," October 14, 2008.

The Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 2008-01 (Reference 1) to request that each licensee evaluate the licensing basis, design, testing, and corrective actions for the emergency core cooling (ECCS), decay heat removal (DHR), and containment spray systems to ensure that gas accumulation is maintained less than the amount that challenges operability of these systems, and that appropriate action is taken when conditions adverse to quality are identified.

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In References 3 and 5 NextEra Energy Seabrook, LLC (NextEra Energy Seabrook), provided the three and nine month responses, respectively, to NRC GL 2008-01. In Reference 3, NextEra Energy Seabrook described an alternative course of action since the GL 2008-01 requested evaluations would not be fully complete in accordance with the timeframe required by GL 2008-01 for Seabrook Station. The remaining actions (e.g., walkdowns of inaccessible piping sections and evaluations using results of the walkdowns) have now been completed for Seabrook Station.

As committed in References 3 and 5, this supplemental response is being submitted for NextEra Energy Seabrook to document completion of the walkdowns and any impact upon the GL 2008-01 nine-month response submitted in Reference 5. Walkdowns of inaccessible piping sections were completed during the fall 2009 refueling outage. Evaluation of the walkdown results did not identify any unexpected vulnerabilities that impact the information in Reference 5, and no new corrective actions were determined to be necessary, i.e., no new procedure revisions were required and no valve additions were needed. In summary, based on reviews and changes discussed in Reference 5, the GL 2008-01 subject systems at Seabrook Station are in compliance with the current licensing and design bases and applicable regulatory requirements. Suitable design, operational, and testing control measures are in place for maintaining this compliance.

There are no regulatory commitments contained in this letter. Should you have any questions concerning this letter, please contact Mr. Michael D. O'Keefe, Licensing Manager, at (603) 773-7745.

Respectfully,

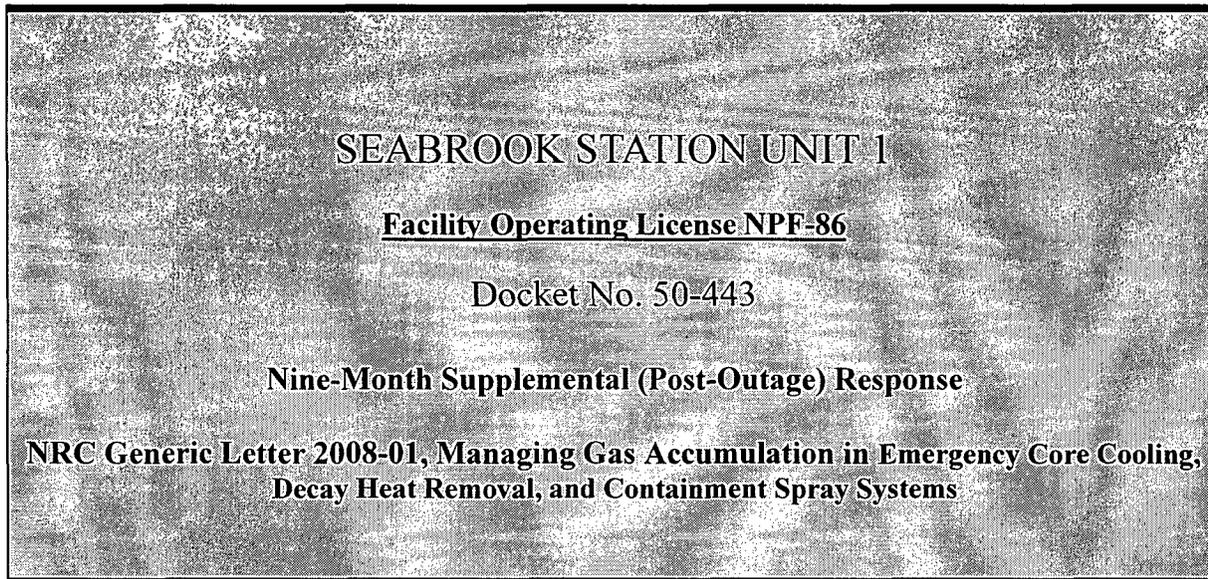
NextEra Energy Seabrook, LLC



Paul O. Freeman
Site Vice President

cc: S. J. Collins, NRC Region I Administrator
D. L. Egan, NRC Project Manager, Project Directorate I-2
W. J. Raymond, NRC Resident Inspector

AFFIDAVIT



I, Paul Freeman, Site Vice President of NextEra Energy Seabrook, LLC hereby affirm that the information and statements contained within this letter 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

5th day of February, 2010

Shirley Sweeney
Notary Public

Paul O. Freeman
Paul O. Freeman
Site Vice President

