



March 29, 2017

10 CFR 54
SBK-L-17051
Docket No. 50-443

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

Seabrook Station
Supplement 52 – Revision to Flow Accelerated Corrosion Program Operating Experience

References:

1. NextEra Energy Seabrook LLC, letter SBK-L-10077, "Seabrook Station Application for Renewed Operating License," May 25, 2010 (Accession Number ML101590099).

In Reference 1, NextEra Energy Seabrook, LLC (NextEra Energy Seabrook) submitted an application for a renewed facility operating license for Seabrook Station Unit 1 in accordance with the Code of Federal Regulations, Title 10, Parts 50, 51, and 54.

The Enclosure provides changes to the License Renewal Application (LRA), Appendix B – Aging Management Programs, B.2.1.8 Flow Accelerated Corrosion. To facilitate understanding, the changes are explained, and where appropriate, portions of the LRA are repeated with the change highlighted by strikethroughs for deleted text and bolded italics for inserted text.

There are no new or revised regulatory commitments contained in this letter.

If there are any questions or additional information is needed, please contact Mr. Edward J. Carley, Engineering Supervisor - License Renewal, at (603) 773-7957.


If you have any questions regarding this correspondence, please contact Mr. Kenneth Browne, Licensing Manager, at (603) 773-7932.

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

Executed on March 29, 2017.

Sincerely,

NextEra Energy Seabrook, LLC


Eric McCartney
Regional Vice President

Enclosure : Supplement 52 – Revision to Flow Accelerated Corrosion Program Operating Experience

cc: D. H. Dorman NRC Region I Administrator
J. C. Poole NRC Project Manager
P. C. Cataldo NRC Senior Resident Inspector
T. M. Tran NRC Project Manager, License Renewal
L. M. James NRC Project Manager, License Renewal

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
perry.plummer@dos.nh.gov

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

Enclosure to SBK-L-17051

Revision to Flow Accelerated Corrosion Program Operating Experience

The 2nd paragraph within the Operating Experience section of the LRA Appendix B – B.2.1.8 Flow Accelerated Corrosion, has been revised as shown below.

Seabrook Station has not experienced any failures of piping covered by the FAC program with the exception of a minor leak in a non-safety related small-bore socket welded fitting not modeled in CHECWORX. **Since 2005 Seabrook Station has experienced two leaks on small bore lines within systems covered by the FAC program.** Wall loss by flow-accelerated corrosion within a socket welded fitting cannot be found using ultrasonic inspection techniques. Seabrook Station has implemented a radiography inspection program to screen susceptible small-bore piping for potential FAC related degradation. This inspection is focused on areas where personnel hazards may be created in the event of a through wall leak.