



January 23, 2018

10 CFR 54
Docket No. 50-443
SBK-L-18006

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

Seabrook Station
Additional Change to Seventh Annual Update to the
NextEra Energy Seabrook License Renewal Application

References:

1. NextEra Energy Seabrook, LLC letter SBK-L-10077, "Seabrook Station Application for Renewed Operating License," May 25, 2010. (Accession Number ML101590099)
2. NRC Letter "Request for Additional Information Related to the Review of the Seabrook Station License Renewal Application (TAC NO. ME4028) - Request for Additional Information Set 10," February 24, 2011. (Accession Number ML110260266)
3. NextEra Energy Seabrook, LLC letter SBK-L-11054, "Response to Additional Information NextEra Energy Seabrook License Renewal Application Request for Additional Information – Set 10," March 21, 2011. (Accession Number ML110830045)
4. NextEra Energy Seabrook, LLC letter SBK-L-17172, "Seventh Annual Update to the Seabrook License Renewal Application," October 18, 2017. (Accession Number ML17291B221)
5. NextEra Energy Seabrook, LLC letter SBK-L-17210, "Correction to Seventh Annual Update to the NextEra Energy Seabrook License Renewal Application," December 21, 2017. (Accession Number ML17355A437)

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.

In Reference 2, the NRC requested additional information in order to complete its review of the License Renewal Application (LRA).

In Reference 3, NextEra Energy Seabrook submitted the response to the request for additional information in Reference 2. In Enclosure 1 of SBK-L-11054, License Renewal Application Table 3.3.2-36, page 3.3-457 added a new row after for Filter Housing. This change was not reflected in the Seventh Annual Update to the Seabrook License Renewal Application (Reference 4) or the Correction to Seventh Annual Update (Reference 5). Enclosure 1 of SBK-L-18006 revised LRA Table 3.3.2-36, page 3.3-457 to incorporate this change as well as the change to the material from Gray Cast Iron to Copper Alloy >15% Zn.

The enclosure includes changes to the License Renewal Application (LRA). 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 January 23, 2018

Sincerely,

NextEra Energy Seabrook, LLC


Eric McCartney

Regional Vice President - Northern Region

Enclosure: Additional Change to Seventh Annual Update to the NextEra Energy
Seabrook Station License Renewal Application

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Enclosure to SBK-L-18006

Additional Change to Seventh Annual Update to the
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1. Screen Wash Filter Material Change: The Screen Wash filter housing material was changed from gray cast iron to aluminum bronze (copper alloy >15% Zn). As a result of this change, the following change is made to the License Renewal Application (LRA).

Table 3.3.2-36, on LRA Page 3.3-457, is modified as follows:

Component Type	Intended Function	Material	Environment	Aging Effect Requiring Management	Aging Management Program	NUREG 1801 Vol. 2 Item	Table 3.X.1 Item	Note
Filter Housing	Leakage Boundary (Spatial)	Gray-Cast Iron Copper Alloy >15% Zn	Condensation (External)	Loss of Material	Selective Leaching of Materials Program	None	None	G
Filter Housing	Leakage Boundary (Spatial)	Gray-Cast Iron Copper Alloy >15% Zn	Condensation (External)	Loss of Material	External Surfaces Monitoring Program	VII.I-14 (A-84) VII.F2-14 (A-46)	3.3.1-5825	BE,4
Filter Housing	Leakage Boundary (Spatial)	Gray-Cast Iron Copper Alloy >15% Zn	Raw Water (Internal)	Loss of Material	Inspection of Internal Surfaces in Miscellaneous Piping and Ducting Components Program	VII.G-24 (A-33) VII.C1-9 (A-44)	3.3.1-6881	E, 35
Filter Housing	Leakage Boundary (Spatial)	Gray-Cast Iron Copper Alloy >15% Zn	Raw Water (Internal)	Loss of Material	Selective Leaching of Materials Program	VII.G1-14 (A-54) VII.G-13 (A-47)	3.3.1-8584	B