

**APPENDIX A:** NextEra Energy Seabrook, LLC, Docket No. 50-443-LA-2  
September 2019 Evidentiary Hearing Exhibits

<b>[Party] Exh. No.</b>	<b>Witness/ Panel</b>	<b>Exhibit Title/Description</b>	<b>ADAMS Accession No.</b>
<b>INT001 Proprietary</b>	<b>Saouma</b>	<b>Pre-filed Testimony of Victor E. Saouma, Ph.D Regarding Scientific Evaluation of NextEra’s Aging Management Program for Alkali-Silica Reaction at the Seabrook Nuclear Power Plant</b>	
INT002	Saouma	Summary of Testimony of Victor E. Saouma, Ph.D Regarding Scientific Evaluation of NextEra’s Aging Management Program for Alkali-Silica Reaction at the Seabrook Nuclear Power Plant (Non-Proprietary Version)	
INT003	Saouma	Curriculum Vitae, Dr. Victor E. Saouma	
INT004	Saouma	Grant Award, Experimental and Numerical Investigation of Alkali Silica Reaction in Nuclear Reactors (2014)	
INT005	Saouma	Final (Public) Summary Report, Experimental and Numerical Investigation of Alkali Silica Reaction in Nuclear Reactors, Grant No.: NRC- HQ-60-14-G-0010 (Oct. 2014 - Dec. 2017)	
INT006	Saouma	Declaration of Dr. Victor E. Saouma, Ph.D (Feb. 12, 2019)	
<b>INT007 Proprietary</b>	<b>Saouma</b>	<b>Review of Selected Documents Pertaining to the Structural Evaluation of Seabrook Nuclear Power Plant (Feb. 12, 2019)</b>	

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INT008	Saouma	Summary: Review of Selected Documents Pertaining to the Structural Evaluation of Seabrook Nuclear Power Plant (Feb. 12, 2019)	ML19104A7
INT009	Saouma	Reply Declaration of Victor E. Saouma, Ph.D (March 1, 2019)	
INT010	Saouma	<i>Seabrook, License Amendment Request 16-03 - Revise Current Licensing Basis to Adopt a Methodology for the Analysis of Seismic Category I Structures with Concrete Affected by Alkali- Silica Reaction</i> (August 1, 2016)	ML16216A240
<b>INT011 Proprietary</b>	Saouma	<b>NextEra Energy's Evaluation of the Proposed Change Including Attachment 1 Markup of UFSAR Pages (Proprietary) (Enclosure 1 to Letter SBK-L-16071)</b>	
INT012	Saouma	MPR-4288, Rev. 0, " <i>Seabrook Station: Impact of Alkali-Silica Reaction on Structural Design Evaluations</i> (July 2016) (Non-proprietary version) (Enclosure 2 to Letter SBK-L-16071)	ML16216A241
INT013	Saouma	SG&H Report 160268-R-01, Rev. 0, <i>Development of ASR Load Factors for Seismic Category I Structures (Including Containment) at Seabrook Station, Seabrook, NH</i> (July 2016) (Enclosure 4 to Letter SBK-L-16071)	ML16216A243
<b>INT014 Proprietary</b>	Saouma	<b>MPR-4288, Rev. 0, "<i>Seabrook Station: Impact of Alkali-Silica Reaction on Structural Design Evaluations</i> (July 2016) (Enclosure 2 to Letter SBK-L-16071) (Proprietary)</b>	

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INT015	Saouma	Simpson Gumpertz & Heger, Inc., "Evaluation and Design Confirmation of As-Deformed CEB, 150252-CA-02," Revision 0, July 2016 (Seabrook FP#100985) Enclosure 2 to Letter SBK-L-16153, re: Seabrook Station (Sept. 30, 2016)	ML16279A049
INT016	Saouma	<i>Revised Seabrook Station License Renewal Application Updated Final Safety Analysis Report Sections A.2.1.31 for Structures Monitoring, A.2.1.31A for Alkali-Silica Reaction and A.2.1.3b for Building Deformation</i> (Enclosure 1 to Letter SBK-L-18072 re: Seabrook Station Revised Structures Monitoring Aging Management Program (May 18, 2018))	ML18141A7
INT017		<i>Revised Seabrook Station License Renewal Application Appendix B Sections B.2.1.31 for Structures Monitoring, B.2.1.31A for Alkali-Silica Reaction and B.2.1.3b for Building Deformation</i> (Enclosure 2 to Letter SBK-18072)	ML18141A7
INT018	Saouma	MPR-4153, Revision 3, <i>Seabrook Station-Approach for Determining Through-Thickness Expansion from Alkali-Silica Reaction</i> (Sept. 2017) (Non-proprietary version) (Enclosure 4 to Letter SBK-18072)	ML16279A050
INT019	Saouma	MPR-4273, Rev. 1, <i>Seabrook Station - Implications of Large-Scale Test Program Results on Reinforced Concrete Affected by Alkali-Silica Reaction</i> (July 2016) (Non-proprietary version) (Enclosure 5 to Letter SBK-18072)	ML18141A785

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<b>INT020 Proprietary</b>	Saouma	<b>MPR-4153, Revision 3, Seabrook Station- Approach for Determining Through-Thickness Expansion from Alkali-Silica Reaction (Sept. 2017) (Proprietary version) (Enclosure 6 to Letter SBK-18072)</b>	
<b>INT021 Proprietary</b>	Saouma	<b>MPR-4273, Rev. 1, Seabrook Station - Implications of Large-Scale Test Program Results on Reinforced Concrete Affected by Alkali-Silica Reaction (March 2018) (Proprietary version) (Enclosure 7 to Letter SBK-18072)</b>	
INT022	Saouma	Simpson Gumpertz & Heger Document No. 170444-MD-01, Rev. 1, " <i>Methodology for the Analysis of Seismic Category I Structures with Concrete Affected by Alkali-Silica Reaction,</i> " for Seabrook Station (Enclosure 3 to Letter SBK-L- 18074, re: Seabrook Station, Response to Request for Additional Information Regarding License Amendment Request 1603) (June 7, 2018)	ML18158A5
INT023	Saouma	Simpson Gumpertz & Heger Document No. 170444-L-003 Rev. 1, <i>Response to RAI-D8- Attachment 1 Example Calculation of Rebar Stress For a Section Subjected to Combined Effect of External Axial Moment and Internal ASR</i> (Enclosure 4 to Letter SBK-L-18074)	ML18158A5
INT024	Saouma	NRC Safety Evaluation Related to Amendment No. 159 to Facility Operating License No. NPF- 86 (March 11, 2019)	ML18204A291
<b>INT025 Proprietary</b>	Saouma	<b>NRC Safety Evaluation Related to Amendment No. 159 to Facility Operating License No. NPF-86 (March 11, 2019)</b>	

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INT026	Saouma	Bayrak, Structural Assessment of Seabrook Station (Apr. 23, 2012)	ML121160349
INT027	Saouma	Pre-filed Testimony of Victor E. Saouma, Ph.D Regarding Scientific Evaluation of NextEra's Aging Management Program for Alkali-Silica Reaction at the Seabrook Nuclear Power Plant  (Publicly available version)	
<b>INT028 Proprietary</b>	<b>Saouma</b>	<b>Pre-filed Rebuttal Testimony of Victor E. Saouma, Ph.D Regarding Scientific Evaluation of NextEra's Aging Management Program for Alkali-Silica Reaction at the Seabrook Nuclear Power Plant</b>	
INT029	Saouma	Summary of Testimony of Victor E. Saouma, Ph.D Regarding Scientific Evaluation of NextEra's Aging Management Program for Alkali-Silica Reaction at the Seabrook Nuclear Power Plant (Non-Proprietary Version)	