Via electronic submission

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
BEFORE THE COMMISSION

In the Matter of:
NEXTERA ENERGY SEABROOK, LLC
(Seabrook Station Unit 1)

Docket No. 50-443-LA-2
January 3, 2018

C-10 Research and Education Foundation, Inc. Summary of Discovery Items and List of Experts

Pursuant to 10 C.F.R. § 2.336 and 10 C.F.R. § 2.1203, the C-10 Research and Education Foundation, Inc. ("C-10") hereby files its initial disclosures in support of its contentions in NRC Docket No. 50-443-LA-2, regarding the license amendment request ("LAR") 16-03 from NextEra Energy Seabrook, LLC ("NextEra")[1] to adopt a methodology to monitor the impacts of alkali-silica reaction ("ASR") on concrete structures at Seabrook Station, Unit No. 1 ("Seabrook"). C-10 reserves the right to supplement these disclosures as this matter progresses in accordance with the Atomic Safety and Licensing Board's orders.

[1] 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, (Aug. 1, 2016) (ADAMS Accession No. ML16216A240)

List of Experts Supporting C-10's contentions in NRC Docket No. 50-443-LA-2:

Dr. Paul W. Brown
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Note: These experts will be preparing reports and analysis as this case progresses, including after reviewing the discovery produced by NextEra and the NRC, and C-10 anticipates providing such reports and analysis as part of its supplemental disclosures in this matter.

Following is a Summary of Selected Relevant Commentary by Dr. Brown:

Date	Commentary	Select Items Reviewed
Sept. 30, 2016	Commentary on:	"Seabrook Station License Amendment Request 16-03" and "Revise Current Licensing Basis to Adopt a Methodology for the Analysis of Seismic Category I Structures with Concrete Affected by Alkali-Silica Reaction" (Aug. 1, 2016) and enclosures 2,3,4,7 and 8 of that document,
Sept. 29, 2013	Commentary on:	Seabrook Station, Unit No. 1; Confirmatory Action Letter Follow-Up Inspection; NRC Inspection Report 05000443/2012010 (ML13321A172)
March 14, 2012	Commentary on the Alkali-Silica Reaction in Concrete Structures at the Seabrook Nuclear Plant	ML103420273 - Dec. 14, 2010 SBK-L-10204 - Dec. 7, 2010 ML111330689 - May 12, 2011 ML111360432- May 23, 2011 ML11178A338 - June 29, 2011 ML112241543 - Aug. 12, 2011
Dec. 2, 2012	Commentary on:	Enclosure 2 to SBK-L-12106 The Evaluation, "Impact of ASR on Concrete Structures and Attachments"
July 10, 2012	Testimony on Concrete Durability, Repair Strategies and Limitations, Dr. Brown's testimony listed on pages 142-179) of 600 page document entitled:	Official Transcript of Proceedings Nuclear Regulatory Commission Advisory Committee on Reactor Safeguards Structural Analysis/Plant License Renewal Subcommittee (July 10, 2012)

Summary of Discovery Items

The attached spreadsheet includes:

1) A list of relevant documents available on the NRC's ADAMS database or as noted, if elsewhere.
2) Relevant emails available on the C-10 mail server.

Documents, Data Compilations, and Tangible Things

Please see the attached spreadsheet for a list of all documents, data complications, or tangible things relevant to C-10's contentions which have been identified in C-10's possession, custody, or control following a reasonable search.

Respectfully Submitted on behalf of C-10,

Signed (electronically) by Natalie Hildt Treat

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CERTIFICATE OF SERVICE

Pursuant to 10 C.F.R. § 2.305, I certify that on this date, the foregoing C-10 Research and Education Foundation, Inc. ("C-10") Discovery was served upon the Electronic Information Exchange (the NRC's E-Filing System) in the above-captioned proceeding.

Signed (electronically) by Natalie Hildt Treat

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