UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

ATOMIC SAFETY AND LICENSING BOARD

In the Matter of NEXTERA ENERGY SEABROOK, LLC (Seabrook Station, Unit 1)	Docket No. 50-443-LA-2 ASLBP No. 17-953-02-LA-BD01

Hearing Exhibit

Exhibit Number: NER062

Exhibit Title: Transcript, Advisory Committee on Reactor Safeguards, License Renewal Subcommittee (Oct. 31, 2018) [Cover & Pages 101-102]

Official Transcript of Proceedings

NUCLEAR REGULATORY COMMISSION

Title: Advisory Committee on Reactor Safeguards
License Renewal Subcommittee
Open Session

Docket Number: (n/a)

Location: Rockville, Maryland

Date: Wednesday, October 31, 2018

Work Order No.: NRC-3949 Pages 1-395

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MR. BROWNE: No, I understand your comment, we understand your comment at NextEra.

CHAIRMAN SKILLMAN: Okay, thank you. Please proceed.

DR. ELLINGWOOD: Thank you, Glenn. I was asked to perform an independent evaluation of the calculations that the SGH team had made in support of the load combinations and the load factors applied to alkali silica reaction structural actions.

And in my judgment the conclusions that they arrived at for the containment building and the methods employed are consistent with, you know, the load combinations that appear in Section 3, Division 2 of the ASME Boiler and Pressure Code which are in fact deterministically based and historically done that way.

For the Category 1 structures other than containment, the procedures that they followed were consistent with the procedures that we adopted in developing the probability based load resistance factors for American National Standard A58 which subsequently have been adopted by all the model codes in the United States material specifications and I might add by some overseas code organizations as well.

And I think that the load combinations that

have been proposed for the load factors will achieve the target reliabilities that Glenn had produced in support of his recommendations. Thank you.

DR. BOLOURCHI: I would like to present Matt Sherman to first come and discuss about the field observations before we get to the actual methodology document because we used this data in that.

MR. SHERMAN: Sure. Thank you very much. My name is Matthew Sherman. I'm a senior principal at Simpson Gumpertz & Heger.

As Dr. Bolourchi just mentioned we're going to do a little bit of a jump ahead to the field data. And we're going to talk about that before he comes back and talks about how it all feeds into the structural evaluation methodology.

We're doing that because it's, the methodology document describes how the field data is actually used in the analysis. And when Dr. Bolourchi goes through that document he's going to use some examples of how the field data feeds into the structural evaluation methodology.

So if we tell you right now a little bit ahead of time how we do the field data when it comes along to talk about how it's used you can concentrate on that part and we can keep kind of the simple