



**HITACHI**

**GE-Hitachi Nuclear Energy**

**Michelle P. Catts**

GE-Hitachi Nuclear Energy Americas, LLC  
Senior Vice President, Nuclear Programs  
P.O. Box 780, M/C A-18  
Wilmington, NC 28402 USA

T 910.200.9836  
Michelle.catts@ge.com

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U.S. Nuclear Regulatory Commission  
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**Subject: Pre-Application Submittal of NEDO-33914, BWRX-300 Advanced Civil Construction and Design Approach Licensing Topical Report**

Enclosed is the GE-Hitachi Nuclear Energy Americas, LLC (GEH) Licensing Topical Report (LTR) describing the design, analysis, and monitoring guidelines and requirements for construction of a BWRX-300 Small Modular Reactor (SMR) using innovative and comprehensive approaches that ensures safe operation throughout the life of the plant. GEH requests that the NRC review this information and determine its acceptability for use and issue an Advanced Safety Evaluation Report (SER) with No Open Items no later than October 20, 2021, that may be referenced in future licensing submittals for construction, licensing, operations, and decommissioning. This LTR is entirely non-proprietary.

If you have any questions, please contact me at 910-200-9836.

Sincerely,

*Michelle P. Catts*

Michelle P. Catts  
Senior Vice President, Nuclear Programs  
GE-Hitachi Nuclear Energy Americas, LLC

**Enclosure:**

1. NEDO-33914, Revision 0, BWRX-300 Advanced Civil Construction and Design Approach – Non-Proprietary Information

cc: R Franovich, US NRC

<p><b>Document Components:</b> 001 M210004 Cover Letter.pdf 002 M210004 Enclosure 1 Non-Proprietary.pdf</p>
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