



**HITACHI**

**GE Hitachi Nuclear Energy**

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Director, Office of New Reactors  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001  
Attn: Document Control Desk

**Subject: BWRX-300 Small Modular Reactor Pre-Application Discussions**

GE - Hitachi Nuclear Energy Americas LLC (GEH) is pleased to inform the Nuclear Regulatory Commission (NRC) of our intent to begin initial pre-application discussions with the NRC on the licensing of our small modular reactor technology, the BWRX-300.

The BWRX-300 is an evolutionary design for the Small Modular Reactor (SMR) market that includes leading edge innovations to address cost and construction simplicity while leveraging over 50 years of successful design and operating experience of the Boiling Water Reactor (BWR) fleet. Many design features of the BWRX-300 are scaled down from the existing operating fleet or adapted from the U.S. NRC certified Economic Simplified Boiling Water Reactor (ESBWR). Other features, such as the fuel, are drawn from the existing BWR fleet and directly benefit from decades of design, licensing, and operating experience.

GEH is currently in the process of developing a detailed licensing schedule; however, for planning purposes, it is our intent to begin preliminary discussions primarily with the NRC Project Manager, James Shea, in the first part of 2019.

There are no regulatory commitments contained in this letter.

Please contact me at (910) 200-9836 if you have any questions.

Sincerely,

Michelle P. Catts  
Senior Vice President, Regulatory Affairs

cc: J. Shea (NRC)  
J. Rankin (NRC)