



# HITACHI

## GE-Hitachi Nuclear Energy

### Proprietary Notice

This letter transmits ~~proprietary information in accordance with 10 CFR 2.390~~. Upon the removal of Enclosure 1, the balance of the letter may be considered non-proprietary.

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M190215  
December 30, 2019

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555-0001

Subject: Pre-Application Submittal of NEDC-33910P, BWRX-300 Reactor Pressure Vessel (RPV) Isolation and Overpressure Protection Licensing Topical Report

Enclosed is the GE-Hitachi Nuclear Energy Americas, LLC (GEH) Licensing Topical Report (LTR) describing the design requirements, acceptance criteria, and regulatory basis for the BWRX-300 RPV isolation and overpressure protection design functions. GEH requests that the NRC review this information and determine its acceptability for use and issue a final Safety Evaluation (SE) no later than June 26, 2020, that may be referenced in future licensing submittals for construction, licensing, operations, and decommissioning.

Enclosure 1 contains proprietary information of the type that GEH maintains in confidence and withholds from public disclosure. The affidavit contained within Enclosure 3 identifies that the information contained in Enclosure 1 has been handled and classified as proprietary to GEH. GEH hereby requests that the information in Enclosure 1 be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390 and 9.17. Enclosure 2 is a non-proprietary version of Enclosure 1.

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

Sincerely,

*Michelle P. Catts*

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

**Enclosures:**

1. NEDC-33910P, Revision 0, Licensing Topical Report - BWRX-300 Reactor Pressure Vessel Isolation and Overpressure Protection – GEH Proprietary Information
2. NEDO-33910, Revision 0, Licensing Topical Report - BWRX-300 Reactor Pressure Vessel Isolation and Overpressure Protection – Non-Proprietary Information
3. Affidavit

cc: R Franovich, US NRC

**Document Components:**

001 M190215 Cover Letter.pdf  
002 M190215 Enclosure 1 Proprietary.pdf  
003 M190215 Enclosure 2 Non-Proprietary.pdf  
004 M190215 Enclosure 3 Affidavit.pdf

## ENCLOSURE 1

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### Licensing Topical Report

NEDC-33910P, Revision 0,  
BWRX-300 Reactor Pressure Vessel  
Isolation and Overpressure Protection

### GEH Proprietary Information

#### **PROPRIETARY INFORMATION NOTICE**

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The footer of each page in this enclosure carries the notation “GEH Proprietary Information - Non-Public.” GEH proprietary information within text is identified by double square brackets. **[[This sentence is an example. <sup>{3}</sup>]]** Figures and large objects containing GEH proprietary information are identified with double square brackets before and after the object. In all cases, the superscript notation <sup>{3}</sup> refers to Paragraph (3) of the affidavit in Enclosure 3, which provides the basis for the proprietary determination.

## ENCLOSURE 2

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### Licensing Topical Report

NEDO-33910, Revision 0,  
BWRX-300 Reactor Pressure Vessel  
Isolation and Overpressure Protection

### Non-Proprietary Information

#### **IMPORTANT NOTICE**

This is a non-proprietary version of the BWRX-300 Reactor Pressure Vessel Isolation and Overpressure Protection Licensing Topical Report, from which the proprietary information has been removed. The footer of each page in this enclosure carries the notation “Non-Proprietary Information.” Portions of the enclosure that have been removed are indicated by an open and closed bracket as shown here [[                      ]].

ENCLOSURE 3

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Affidavit