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## GE-Hitachi Nuclear Energy

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### **Proprietary Notice**

~~This letter transmits proprietary information in accordance with 10 CFR 2.390 and export controlled information in accordance with 10 CFR Part 810.~~ Upon the removal of Enclosure 1, the balance of the letter may be considered non-proprietary and does not contain export-controlled information.

M220065

June 17, 2022

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

Canadian Nuclear Safety Commission  
280 Slater Street  
P.O. Box 1046, Station B  
Ottawa, Ontario, K1P 5S9, Canada

Subject: Approved Version of NEDC-33922P, Revision 2, BWRX-300 Containment Evaluation Method Licensing Topical Report

- References:
1. GEH Letter M200130, "Pre-Application Submittal of NEDC-33922P, BWRX-300 Containment Evaluation Method Licensing Topical Report," September 25, 2020.
  2. GEH Letter M210050, "Responses to Requests for Additional Information (eRAIs) 9817, 9826, 9829, and 9831 for Licensing Topical Report NEDC-33922P, Revision 0 BWRX-300 Containment Evaluation Method," May 19, 2021.
  3. GEH Letter M210099, "Response to Requests for Additional Information (eRAIs) 9854, 9856, and 9862 and Supplemental Response to eRAI 9817 for Licensing Topical Report NEDC 33922P, Revision 0, BWRX-300 Containment Evaluation Method," September 17, 2021.
  4. GEH Letter M210116, "Response to Requests for Additional Information (eRAIs) 9857 and 9862 for Licensing Topical Report NEDC 33922P, Revision 0, BWRX-300 Containment Evaluation Method," October 8, 2021.
  5. GEH Letter M210132, "Response to Request for Additional Information (eRAI) 9862 for Licensing Topical Report NEDC 33922P, Revision 0, BWRX-300 Containment Evaluation Method," October 29, 2021.
  6. GEH Letter M210139, "Submittal of Revision 1 of NEDC-33922P, BWRX-300 Containment Evaluation Method Licensing Topical Report," November 19, 2021.

7. GEH Letter M210152, "Revised Response to Request for Additional Information (eRAI) 9862 Question 06.02.01-01 for Licensing Topical Report NEDC-33922P, Revision 0, BWRX-300 Containment Evaluation Method and Submittal of Revision 2 of NEDC-33922P, BWRX-300 Containment Evaluation Method Licensing Topical Report," December 17, 2021.
8. NRC Letter, "Final Safety Evaluation for GE-Hitachi Licensing Topical Report NEDC 33922P, Revision 2, "BWRX-300 Containment Evaluation Method" (Docket No. 99900003)," April 27, 2022.

Enclosed is Revision 3 of the GE-Hitachi Nuclear Energy Americas, LLC (GEH) Licensing Topical Report (LTR) submitted in Reference 1 and supplemented in References 6 and 7 describing the analysis method used for the BWRX-300 containment thermal hydraulics performance. Revision 3 is the approved version of NEDC-33922P, Revision 2, and incorporates the NRC Staff Approval letter and accompanying Safety Evaluation. Revision 3 also includes, in Appendix A, eRAIs 9817, 9826, 9829, 9831, 9854, 9856, 9857, and 9862 questions and corresponding initial and supplemental responses (References 2, 3, 4, 5, and 7), and in Appendices B and C, the changed pages from NEDC-33922P, Revision 1 and NEDC-33922P, Revision 2 (References 6 and 7).

In addition, in Revision 3, a minor editorial correction was made to the title of Section 6.9, and two proprietary marking corrections were made in Figure 2-4 and Section 6.6.1.

Enclosure 1 contains proprietary information of the type that GEH maintains in confidence and withholds from public disclosure. 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. In addition, Enclosure 1 contains information subject to the export control laws and regulations of the United States, including 10 CFR Part 810. The affidavit contained within Enclosure 3 identifies that the information contained in Enclosure 1 has been handled and classified as proprietary to GEH and is subject to United States export control laws and regulations. Enclosure 2 is a non-proprietary version of Enclosure 1.

If you have any questions, please contact me at 910-200-3295.

Sincerely,



George E. Wadkins  
Vice President, New Power Plants and Products Licensing  
GE-Hitachi Nuclear Energy Americas, LLC

**Enclosures:**

1. NEDC-33922P-A, Revision 3, Licensing Topical Report - BWRX-300 Containment Evaluation Method – GEH Proprietary Information – Non-Public
2. NEDO-33922-A, Revision 3, Licensing Topical Report - BWRX-300 Containment Evaluation Method – Non-Proprietary Information
3. Affidavit

cc: James Shea, US NRC  
Alina Schiller, US NRC  
Chantal Morin, CNSC  
PLM Specification 007N0725 Revision 0

**Document Components:**

001 M220065 Cover Letter.pdf  
002 M220065 Enclosure 1 Proprietary.pdf  
003 M220065 Enclosure 2 Non-Proprietary.pdf  
004 M220065 Enclosure 3 Affidavit.pdf