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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.

M210139

November 19, 2021

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: Submittal of Revision 1 of NEDC-33922P, 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.

Enclosed is Revision 1 of the GE-Hitachi Nuclear Energy Americas, LLC (GEH) Licensing Topical Report (LTR) submitted in Reference 1 describing the analysis method used for the BWRX-300 containment thermal hydraulics performance. This revision includes changes

proposed in the Reference 2 through 5 responses to NRC Requests for Additional Information (eRAIs) 9817, 9826, 9829, 9831, 9854, 9856, 9857, and 9862, as well as changes stemming from the NRC staff audit on the Reference 1 LTR.

This information is being submitted specifically to support review of the LTR by the U.S. NRC and the Canadian Nuclear Safety Commission (CNSC).

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

Enclosure:

1. NEDC-33922P, Revision 1, Licensing Topical Report - BWRX-300 Containment Evaluation Method – GEH Proprietary Information – Non-Public
2. NEDO-33922, Revision 1, 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 006N8473 Revision 0

<p>Document Components: 001 M210139 Cover Letter.pdf 002 M210139 Enclosure 1 Proprietary.pdf 003 M210139 Enclosure 2 Non-Proprietary.pdf 004 M210139 Enclosure 3 Affidavit.pdf</p>
