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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 NEDO-33914-A Revision 1, BWRX-300 Advanced Civil Construction and Design Approach Licensing Topical Report

Reference:

1. GEH Letter M210004, "Pre-Application Submittal of NEDO-33914, BWRX-300 Advanced Civil Construction and Design Approach Licensing Topical Report," January 20, 2021.
2. GEH Letter M210088, "Response to Request for Additional Information (eRAI) 9849 for Licensing Topical Report NEDO-33914, Revision 0, BWRX-300 Advanced Civil Construction and Design Approach," August 19, 2021.
3. GEH Letter M210097, "Response to Request for Additional Information (eRAI) 9859 for Licensing Topical Report NEDO-33914, Revision 0, BWRX-300 Advanced Civil Construction and Design Approach," September 13, 2021.
4. GEH Letter M210133, "Revised Responses to Request for Additional Information (eRAI) 9859 for Licensing Topical Report NEDO-33914, Revision 0, BWRX-300 Advanced Civil Construction and Design Approach," November 4, 2021.
5. GEH Letter M210117, "Submittal of Revision 1 of NEDO-33914, BWRX-300 Advanced Civil Construction and Design Approach Licensing Topical Report," dated November 18, 2021.
6. NRC Letter, "Final Safety Evaluation for GE-Hitachi Licensing Topical Report NEDO-33914, Revision 1, "BWRX-300 Advanced Civil Construction and Design Approach" (Docket No. 99900003)," April 27, 2022.

Enclosed is Revision 2 of the GE-Hitachi Nuclear Energy Americas, LLC (GEH) Licensing Topical Report (LTR) submitted in Reference 1, and revised in Reference 5, describing design

requirements, analytical methods, acceptance criteria, and regulatory basis for the BWRX-300 containment performance.

Revision 2 is the approved version of NEDO-33914, Revision 1, and incorporates the NRC Staff Approval letter and accompanying Safety Evaluation (Reference 6). Revision 2 also includes, in Appendix A, eRAIs 9849 and 9859 questions and corresponding responses (References 2, 3, and 4), and in Appendix B, the changed pages from NEDO-33914, Revision 1 (Reference 5).

In addition, in Revision 2, two minor editorial corrections were made in Sections 5.1 and 5.2.1.2.

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. NEDO-33914-A, Revision 2, BWRX-300 Advanced Civil Construction and Design Approach
- Non-Proprietary Information

cc: James Shea, US NRC
Alina Schiller, US NRC
Chantal Morin, CNSC
PLM Specification 007N0724 Revision 0

Document Components:

001 M220064 Cover Letter.pdf
002 M220064 Enclosure 1 Non-Proprietary.pdf