



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

Subject: NEDC-33926P/NEDO-33926, Revision 1, BWRX-300 Steel-Plate Composite Containment Vessel (SCCV) and Reactor Building (RB) Structural Design

Reference: GEH Letter M230063, NEDC-33926P/NEDO-33926, Revision 0, BWRX-300 Steel-Plate Composite Containment Vessel (SCCV) and Reactor Building (RB) Structural Design, dated May 4, 2023

Enclosed is Revision 1 of the referenced GE-Hitachi Nuclear Energy Americas, LLC (GEH) Licensing Topical Report (LTR) describing the approach and methodology for structural design Steel-Plate Composite (SC) modules with diaphragm plates for the integrated Reactor Building (RB) housing the Steel-Plate Composite Containment Vessel (SCCV) and Reactor Building (RB) and containment internal structures. This revision does not change any technical content, but only reclassifies selected content as non-proprietary.

GEH acknowledges receipt of the NRC Form 898, Topical Report Completeness Determination, dated August 9, 2023, accepting the referenced Revision 0 LTR for review.

A similar correspondence has been transmitted to the Canadian Nuclear Safety Commission (CNSC) in support of the Memorandum of Collaboration between CNSC and USNRC on performance of joint reviews of the BWRX-300 Small Modular Reactor (SMR) design.

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 or if you require additional information, please contact Jesús Diaz-Quiroz, U.S. Licensing Manager, GEH.

Sincerely,



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

Enclosures:

1. NEDC-33926P, Revision 1, BWRX-300 Steel-Plate Composite Containment Vessel (SCCV) and Reactor Building (RB) Structural Design – Proprietary Information
2. NEDO-33926, Revision 1 BWRX-300 Steel-Plate Composite Containment Vessel (SCCV) and Reactor Building (RB) Structural Design – Non-Proprietary Information
3. Affidavit

cc: J. Shea, US NRC
J. Glisan, US NRC

Document Components:

001 M230114 Cover Letter.pdf
002 M230114 Enclosure 1 Proprietary.pdf
003 M230114 Enclosure 2 Non-Proprietary.pdf
004 M230114 Enclosure 3 Affidavit.pdf