



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 0, BWRX-300 Steel-Plate Composite Containment Vessel (SCCV) and Reactor Building (RB) Structural Design

Enclosed is the subject 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.

GEH requests that the NRC review this information and determine its acceptability for use and issuance of an Advanced Safety Evaluation with no Open Items within nine (9) months of GEH submittal. This LTR is expected to be referenced in future licensing activities either by GEH in support of a 10 CFR 52 Design Certification Application (DCA) or by a license applicant for requesting a Construction Permit (CP) and Operating License (OL) under 10 CFR 50 or a Combined Operating License (COL) under 10 CFR 52 for U.S. deployment of a BWRX-300.

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 0, BWRX-300 Steel-Plate Composite Containment Vessel (SCCV) and Reactor Building (RB) Structural Design – Proprietary Information
2. NEDO-33926, Revision 0, BWRX-300 Steel-Plate Composite Containment Vessel (SCCV) and Reactor Building (RB) Structural Design – Non-Proprietary Information
3. Affidavit

cc: J. Shea, US NRC

Document Components:

001 M230063 Cover Letter.pdf
002 M230063 Enclosure 1 Proprietary.pdf
003 M230063 Enclosure 2 Non-Proprietary.pdf
004 M230063 Enclosure 3 Affidavit.pdf