



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

August 16, 2021

Ms. Michelle Catts  
Senior Vice President, Nuclear Programs  
GE-Hitachi Nuclear Energy Americas, LLC  
P.O. Box 780, M/C A-18  
Wilmington, NC 28402

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION VERIFICATION LETTER AND PROPRIETARY DETERMINATION FOR GE-HITACHI LICENSING TOPICAL REPORT NEDC-33910P-A, REVISION 2, "BWRX-300 REACTOR PRESSURE VESSEL ISOLATION AND OVERPRESSURE PROTECTION"

Dear Ms. Catts:

By letter dated June 30, 2021, GE-Hitachi Nuclear Energy Americas, LLC (GEH), submitted the approved version of Licensing Topical Report (LTR) NEDC-33910P-A, Revision 2, "BWRX-300 Reactor Pressure Vessel Isolation and Overpressure Protection" ("-A") (Agencywide Documents Access and Management System (ADAMS) Accession No. ML21183A260), to the U.S. Nuclear Regulatory Commission (NRC) staff for final verification in support of a future licensing application for the GEH small modular reactor under Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, "Domestic Licensing of Production and Utilization Facilities," or Part 52, "Licenses, Certifications, and Approvals for Nuclear Power Plants."

GEH submitted the "-A" version of the subject LTR in accordance with the NRC request to publish an approved version, as detailed in the staff final safety evaluation transmittal letter dated November 18, 2020 (ADAMS Accession No. ML20310A153).

In Enclosure 3, of the June 30, 2021 submittal, GEH included an affidavit (ADAMS Accession No. ML21183A263) with a request that the proprietary information contained in NEDC-33910P-A, Revision 1 (ADAMS Accession Nos. ML21183A261 proprietary version and NEDC-33910-A, Revision 1, ML21183A262 public version), be withheld from public disclosure pursuant to 10 CFR Part 2, Section 2.390. The staff previously evaluated the request for withholding on the same information as documented in a letter dated November 17, 2020 (ADAMS Accession No. ML20290A264), and has verified that the withholding determination remains valid.

Therefore, the "-A" version of the submitted LTR marked as proprietary, will be withheld from public disclosure under 10 CFR 2.390(b)(5) and Section 103(b) of the Atomic Energy Act of 1954, as amended.

The NRC staff has verified that the submitted "-A" version is acceptable and is approved for referencing in future licensing applications for the BWRX-300 to the extent specified and under the limitations delineated.

If the NRC's criteria or regulations change so that its conclusion in this letter (that the LTR is acceptable) is invalidated, GEH and/or an applicant referencing the LTR will be expected to revise and resubmit its respective documentation or submit justification for the continued applicability of the LTR without revision of the respective documentation.

If you have any questions or comments concerning this matter, I can be reached via e-mail at [James.Shea@nrc.gov](mailto:James.Shea@nrc.gov).

Sincerely,

*/RA/*

James J. Shea, Senior Project Manager  
New Reactor Licensing Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

Docket No.: 99900003

cc: GEH BWRX-300 NEDC-33910P ListServ

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 DATED: AUGUST 16, 2021

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**ADAMS Accession No.: ML21228A224                      \*via e-mail                      NRR-106**

<b>OFFICE</b>	DNRL/NRLB:PM	DNRL/NRLB:LA	DNRL/NRLB: BC (Acting)
<b>NAME</b>	JShea*	SGreen*	OTabatabai*
<b>DATE</b>	08/16/2021	08/16/2021	08/16/2021

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