



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

April 1, 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-33912P-A, REVISION 1, "BWRX-300 REACTIVITY CONTROL"

Dear Ms. Catts:

By letter dated March 1, 2021, GE-Hitachi Nuclear Energy Americas, LLC (GEH), submitted the approved version of Licensing Topical Report (LTR) NEDC-33912P-A, Revision 1, "BWRX-300 Reactivity Control" ("-A") (Agencywide Documents Access and Management System (ADAMS) Accession No. ML21060B577), 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." This process was outlined in the staff's final safety evaluation transmittal letter dated January 12, 2021 (ADAMS Accession No. ML21006A167).

In Enclosure 3, of the March 1, 2021, submittal, GEH included an affidavit (ADAMS Accession No. ML21060B580) with a request that the proprietary information contained in NEDC-33912P-A, Revision 1 (ADAMS Accession Nos. ML21060B578 proprietary version and NEDC-33912-A, Revision 1, ML21060B579 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.

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-33912P ListServ

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ADAMS Accession No.:

LTR: ML21077A096

***Email Concurrence**

NRR-106

OFFICE	DNRL/NRLB:PM	DNRL/NRLB:LA	DNRL/NRLB:PM	DNRL/NRLB: BC
NAME	ASchiller*	SGreen*	JShea*	MDudek*
DATE	03/17/2021	03/18/2021	03/18/2021	04/01/2021

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