



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

January 08, 2021

MEMORANDUM TO: Scott W. Moore, Executive Director  
Advisory Committee on Reactor Safeguards

FROM: Anna H. Bradford, Director */RA/*  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

SUBJECT: SAFETY EVALUATION FOR THE GE-HITACHI LICENSING  
TOPICAL REPORT NEDC-33911P, REVISION 0,  
SUPPLEMENT 1, "BWRX-300 CONTAINMENT  
PERFORMANCE" (DOCKET NO. 99900003)

By letter dated March 31, 2020, GE-Hitachi Nuclear Energy Americas, LLC (GEH) submitted Licensing Topical Report (TR) NEDC-33911P, Revision 0, "BWRX-300 Containment Performance," (Agencywide Documents Access and Management System Accession No. ML20091S340) to the U.S. Nuclear Regulatory Commission (NRC) staff for review. It is the NRC staff's understanding that NEDC-33911P will be referenced in a future application for a construction permit or a combined license for the BWRX-300 small modular reactor, a boiling-water reactor based on GEH's Economic Simplified-Boiling Water Reactor design previously certified by the NRC staff. By letter dated September 4, 2020 (ADAMS Accession No. ML20248H572), GEH submitted Revision 0, Supplement 1, of this TR for the NRC staff's review and approval. A public version of Revision 0, Supplement 1, of this TR can be found in ADAMS under Accession No. ML20248H573.

The NRC staff's non-public safety evaluation (SE) for NEDC-33911P, Revision 0, Supplement 1, "BWRX-300 Containment Performance," can be found in ADAMS under Accession No. ML21008A370. A public version of the NRC staff's SE can be found in ADAMS under Accession No. ML21008A371. The SE will support a future meeting of the Advisory Committee on Reactor Safeguards Subcommittee, currently scheduled for January 13, 2021.

Docket No.: 99900003

cc: GEH BWRX-300 NEDC-33911P ListServ

CONTACT: Rani Franovich, NRR/DNRL  
301-415-7334

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 NEDC-33911P, REVISION 0, SUPPLEMENT 1, "BWRX-300 CONTAINMENT  
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 DATED: JANUARY 08, 2021

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**ADAMS Accession Nos.:****PKG: ML21008A367****MEMO: ML21008A368      \*concurrence on safety evaluation only      NRR-106**

<b>OFFICE</b>	DNRL/NRLB: PM	DNRL/NLRB: LA	OGC
<b>NAME</b>	RFranovich	SGreen*	MWright*
<b>DATE</b>	1/8/2021	1/8/2021	12/31/2020
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<b>NAME</b>	ABradford*		
<b>DATE</b>	1/08/2021		

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