



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

July 26, 2018

MEMORANDUM TO: Andrea Veil, Executive Director  
Advisory Committee on Reactor Safeguards

FROM: Robert M. Taylor, Director */RA - A. Bradford for/*  
Division of Licensing, Siting, and Environmental Analysis  
Office of New Reactors

SUBJECT: ADVANCED BOILING-WATER REACTOR DESIGN CERTIFICATION  
RENEWAL APPLICATION SAFETY EVALUATION WITH NO OPEN  
ITEMS FOR SUBSECTION 3.7.3, "SEISMIC SUBSYSTEM ANALYSIS"

By letter dated December 7, 2010, GE-Hitachi Nuclear Energy (GEH) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) requesting renewal of the Advanced Boiling-Water Reactor (ABWR) design certification (DC).

Based on our review of the application, the staff is providing the Advisory Committee on Reactor Safeguards (ACRS) its safety evaluation (SE) with no open items associated with Subsection 3.7.3, "Seismic Subsystem Analysis," (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18029A130). This SE supplements the final safety evaluation report for the ABWR DC that was documented in NUREG-1503, "Final Safety Evaluation Report Related to the Certification of the Advanced Boiling Water Reactor Design," and NUREG-1503, Supplement 1. Unless otherwise stated in the SE, the staff's review was based on Revision 6 of the ABWR design control document. The SE is being provided to support a future meeting of the subcommittee of the ACRS. The ACRS full committee meeting will be held after the subcommittee meeting.

CONTACT: Adrian Muñiz, NRO/DLSE  
301-415-4093

The staff concludes that the SE does not contain any information exempt from public disclosure. However, the NRC will withhold the SE from public disclosure for 10 business days to allow GEH the opportunity to verify the staff's conclusion that the SE contains no such exempt information. Therefore, the staff requests that the ACRS withhold the SE from public disclosure until the information has been released publicly in ADAMS.

The staff will inform the ACRS immediately if GEH requests that any of the information in the SE be withheld from public disclosure.

Docket No.: 52-045

SUBJECT: ADVANCED BOILING-WATER REACTOR DESIGN CERTIFICATION  
RENEWAL APPLICATION – SAFETY EVALUATION WITH NO OPEN ITEMS  
FOR SUBSECTION 3.7.3, “SEISMIC SUBSYSTEM ANALYSIS”

DATED: JULY 26, 2018

**DISTRIBUTION:**

PUBLIC  
Reading File  
RidsOgcMailCenter  
RidsAcrsAcnwMailCenter  
SGreen, NRO  
RidsNroDnrl  
JShea, NRO  
Alstar, NRO  
RidsNroOd  
AMuñiz, NRO  
QNguyen, ACRS

**ADAMS Accession No.: Package: ML18029A258**

**Memorandum: ML18200A320**

**SE – ML18029A130**

**\*via-email**

**NRO-002**

<b>OFFICE</b>	DLSE:PM	DLSE:LA	DLSE:BC(A)	DLSE:D
<b>NAME</b>	AMuñiz	SGreen	JRankin	RTaylor (ABradford for)
<b>DATE</b>	7/23/18*	07/23/2018*	7/25/18*	7/26/18

**OFFICIAL RECORD COPY**