



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

February 4, 2019

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 6.2.1.3, "SHORT-TERM PRESSURE
RESPONSE"

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 6.2.1.3, "Short-Term Pressure Response," (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18052A925). 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 Muñoz, DSLE/LB3
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 6.2.1.3, “SHORT-TERM PRESSURE RESPONSE”

DISTRIBUTION:

PUBLIC

Reading File

RidsOgcMailCenter

RidsAcrcAcnwMailCenter

SGreen, NRO

RidsNroDnrl

RidsNroDsea

JShea, NRO

HWagage, NRO

MThomas, NRO

RKaras, NRO

DJackson, NRO

RidsNroOd

AMuñiz, NRO

QNguyen, ACRS

ADAMS Accession No.: ML18052A922 - Package**ML18164A110 - Memo****ML18052A925 – Safety Evaluation****NRO-002**

OFFICE	DLSE:LB3:PM	DLSE:LB3:LA	DLSE:LB3:BC(A)	DLSE: D
NAME	AMuñiz	SGreen	JRankin	RTaylor (ABradford for)
DATE	6/13/2018	6/13/2018	2/4/2019	2/4/2019

OFFICIAL RECORD COPY