



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

January 11, 2019

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

FROM: Robert M. Taylor, Director */RA - M. McCoppin 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 SUBSECTIONS 8.2.5 AND 8.3.3.17, "NRC BULLETIN
2012-01: DESIGN VULNERABILITY IN ELECTRIC POWER SYSTEM"

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 Subsections 8.2.5 and 8.3.3.17, "NRC Bulletin 2012-01: Design Vulnerability in Electric Power System," (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18324A747). 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.

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

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

SUBJECT: ADVANCED BOILING-WATER REACTOR DESIGN CERTIFICATION
 RENEWAL APPLICATION SAFETY EVALUATION WITH NO OPEN ITEMS
 FOR SUBSECTIONS 8.2.5 AND 8.3.3.17, "NRC BULLETIN 2012-01: DESIGN
 VULNERABILITY IN ELECTRIC POWER SYSTEM"

DISTRIBUTION:

PUBLIC

RidsOgcMailCenter

RidsAcrcAcnwMailCenter

SGreen, NRO

RidsNroDnrl

JShea, NRO

TMartinez-Navedo, NRR

NOtto, NRR

SRay, NRR

RidsNroOd

AMuñiz, NRO

QNguyen, ACRS

ADAMS Accession No.: Package: ML18324A752

Memorandum: ML19002A393

SE – ML18324A747 *via e-mail

NRO-002

OFFICE	PM:DLSE	LA:DLSE	BC:DLSE (Acting)	D:DLSE
NAME	AMuniz	SGreen*	JRankin	RTaylor (MMcCoppin for)
DATE	1/9/2019	1/8/2019	1/10/2019	1/11/2019

OFFICIAL RECORD COPY