

July 25, 2017

Mr. Jerald G. Head
Senior Vice President, Regulatory Affairs
GE Hitachi Nuclear Energy
3901 Castle Hayne Road MC A-18
Wilmington, NC 28401

SUBJECT: THE UNITED STATES NUCLEAR REGULATORY COMMISSION PLAN FOR
THE AUDIT OF THE ADVANCED BOILING WATER REACTOR DESIGN
CERTIFICATION RENEWAL APPLICATION, PROBABILISTIC RISK
ASSESSMENT IMPACT FROM PROPOSED DESIGN CHANGES

Dear Mr. Head:

This letter documents the U.S. Nuclear Regulatory Commission (NRC) staff's plan to perform a regulatory audit of the probabilistic risk assessment (PRA) impact from the design changes proposed in the Advanced Boiling-Water Reactor (ABWR) Design Certification (DC) renewal application. In a letter dated December 7, 2010, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML110040176) GE Hitachi Nuclear Energy (GEH) submitted a DC Renewal application for the ABWR pursuant to the requirements of Subpart B, "Standard Design Certifications," of Title 10 of the *Code of Federal Regulations* Part 52, "Licenses, Certifications, and Approvals for Nuclear Power Plants." In February 19, 2016 (ADAMS Accession No. ML16081A268), you submitted a revision to the application to incorporate proposed design changes identified following responses to the NRC staff's requests for additional information and public meetings with the staff.

The audit will be conducted remotely from the NRC Headquarters utilizing the GEH Electronic Reading Room planned for approximately two months, starting on July 27, 2017, through September 27, 2017. There may be occasions when the staff would interact with GEH during the audit process to resolve issues or questions.

The enclosed audit plan outlines the process that will allow the NRC staff to assess the GEH methods and procedures for evaluating the PRA impact from the proposed Revision 6 of the ABWR Standard Plant Design Control Document.

J. Head

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If you have any questions, please contact me at (301) 415-1388 or by e-mail at James.Shea@nrc.gov or Adrian Muñiz at 301-415-4093 or via e-mail address at Adrian.Muniz@nrc.gov.

Sincerely,

/RA/

James Shea, Project Manager
Division of New Reactor Licensing
Office of New Reactors

Docket No.: 52-045

Enclosure:
As stated

cc w/encl.: See next page

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OFFICE	PM:DNRL/LB3	LA:DNRL/LB3	BC:DSRA/SPRA
NAME	JShea	SGreen	MHayes
DATE	7/25/17	07/24/2017	7/25/17
OFFICE	PM: DNRL/LB3	BC:DNRL/LB3	
NAME	AMuñiz	JColaccino (AFetter for)	
DATE	7/25/17	7/25/17	

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