



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

January 3, 2023

MEMORANDUM TO: Michael I. Dudek, Chief  
New Reactor Licensing Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

FROM: Jordan Glisan, Project Manager */RA/*  
New Reactor Licensing Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF PUBLIC MEETING TO DISCUSS PRE-APPLICATION LICENSING WHITE PAPER AND TOPICAL REPORT ON STEEL-PLATE COMPOSITE STRUCTURAL DESIGN FOR THE BWRX-300 SMALL MODULAR REACTOR

On November 17, 2022, an Observation Public Meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff, Canadian Nuclear Safety Commission (CNSC) staff, GE-Hitachi Nuclear Energy Americas, LLC (GEH), and other stakeholders as identified in Enclosure 2. The purpose of this public meeting was to discuss the submitted White Paper on BWRX-300, "Steel-Plate Composite Structural Design" (ML22287A177) and for the NRC and CNSC staff to give feedback. The White Paper was submitted to the NRC and CNSC on October 14, 2022.

The information presented and discussed during the meeting was non-proprietary, eliminating the need for a closed session of the meeting.

The topics discussed during this meeting included the following:

- Description of the integrated reactor building and its structures
- General overview of steel-plate composite materials.
- Technical evaluation of the proposed use of steel-plate composite materials.
- Technical evaluation of the proposed codes and standards applicable to the proposed use of steel-plate composite materials.
- Regulatory evaluation used to address both CNSC and NRC regulatory requirements including proposed content for a future licensing topical report

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The NRC issued the public meeting notice (Agencywide Documents Accession Management System (ADAMS) Accession No. ML22294A195) on September 29, 2022 and posted it on the NRC public website.

As a result of this public meeting and the resulting meeting summary (Enclosure 3), the NRC considers this White Paper closed.

Enclosed are the meeting agenda (Enclosure 1), list of participants for the meeting (Enclosure 2), and a summary of the meeting (Enclosure 3).

Docket No. 99900003

Enclosures:

1. Meeting Agenda
2. List of Attendees
3. Meeting Summary

SUBJECT: SUMMARY OF PUBLIC MEETING TO DISCUSS PRE-APPLICATION LICENSING WHITE PAPER AND TOPICAL REPORT ON STEEL-PLATE COMPOSITE STRUCTURAL DESIGN FOR THE BWRX-300 SMALL MODULAR REACTOR  
DATED: JANUARY 3, 2022

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**ADAMS Accession No.:**

**Pkg: ML23005A030**

**Memo: ML22353A589**

**Encl 1: ML23005A036**

**Encl 2: ML23005A035**

**Encl 3: ML23005A034**

**\*via email**

**NRR-106**

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<b>NAME</b>	JGlisan*	SGreen*	JShea*
<b>DATE</b>	12/20/2022	12/19/2022	12/21/2022
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<b>DATE</b>	01/03/2023		

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