



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

March 15, 2023

MEMORANDUM TO: Michelle Hayes, Chief
Licensing and Regulatory Infrastructure Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

FROM: Carolyn Lauron, Project Manager **/RA/**
Licensing and Regulatory Infrastructure Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF
THE FEBRUARY 22, 2023, PREAPPLICATION PUBLIC
MEETING WITH SMR, LLC (A HOLTEC INTERNATIONAL
COMPANY) TO DISCUSS THE SMR-160 REACTOR
PRESSURE VESSEL EMBRITTLEMENT

The U.S. Nuclear Regulatory Commission (NRC) held an observation public meeting on February 22, 2023, with SMR, LLC (SMR), a Holtec International Company (Holtec), to discuss preapplication information related to the SMR-160 reactor pressure vessel embrittlement.¹ Specifically, SMR (Holtec) requested the meeting to discuss and receive NRC staff feedback on the potential application of various embrittlement trend curves to the SMR-160 design. SMR (Holtec) provided presentation slides for the public meeting.^{2, 3} This meeting summary satisfies the SMR (Holtec) request for review and feedback on its preapplication meeting materials.

This virtual observation preapplication meeting had attendees from SMR (Holtec) and NRC staff. There were no members of the public observing the meeting. The NRC staff and SMR (Holtec) discussed proprietary information during the closed session.

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¹ Letter from J. Hawkins, "Submittal of SMR, LLC Preapplication Meeting Materials for February 22, 2023 (Project No. 99902049)," dated February 14, 2023, Agencywide Documents and Access Management System (ADAMS) Accession No. ML23045A002, part of ML23045A001.

² SMR, LLC, "Enclosure 2: SMR, LLC Meeting Presentation Materials for February 22, 2023," dated February 14, 2023, ML23045A004 – Public, part of ML23045A001.

³ SMR, LLC, "Enclosure 1: SMR, LLC Meeting Presentation Materials for February 22, 2023 (P)," dated February 14, 2023, ML23045A003 – Proprietary, part of ML23045A001.

Preapplication engagements, including this meeting, provide an opportunity for the NRC staff to engage in early discussions with a prospective applicant to offer licensing guidance and to identify potential licensing issues early in the licensing process. No decisions or commitments were made during the preapplication meeting.

The NRC issued the public meeting notice on November 25, 2022, and posted it on the NRC public website.⁴

Enclosed are the meeting agenda (Enclosure 1), list of participants for the meeting (Enclosure 2), and a summary of the meeting (Enclosure 3). The closed portion of the meeting was not open to the public; however, a high-level summary of the discussion is included in Enclosure 3.

Docket No. 99902049

Enclosures:

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

cc: Holtec ListServ

⁴ U.S. NRC, "02/22/2023 Preapplication Meeting with SMR, LLC (A Holtec International Company) regarding reactor coolant makeup to support the Construction Permit for the Holtec SMR-160 design," dated November 25, 2022, ML23020A052.

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ADAMS Accession Nos.:

PKG: ML23045A010

Memo: ML23045A015

Enclosure 1: ML23045A012

Enclosure 2: ML23045A013

Enclosure 3: ML23045A014

***via email**

NRR-106

OFFICE	NRR/DNRL/NRLB	NRR/DNRL/NRLB	NRR/DNRL/NRLB	NRR/DNRL/NRLB
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