



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

October 16, 2023

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

FROM: Gregory V. Cranston, Senior 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  
AUGUST 30, 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 August 30, 2023, with SMR, LLC (SMR), a Holtec International Company (Holtec), to discuss preapplication information related to the SMR-160 reactor pressure vessel embrittlement.<sup>1</sup> 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.<sup>23</sup> 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), PEAI Consulting, 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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301-415-0546

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<sup>1</sup> Letter from A. Brenner, "SMR, LLC Preapplication Meeting Materials for August 30, 2023 (Project No. 99902049)," dated August 17, 2023, Agencywide Documents and Access Management System (ADAMS) Accession No. ML23229A592, part of ML23229A591.

<sup>2</sup> SMR, LLC, "Enclosure 2: SMR, LLC Meeting Presentation Materials for August 30, 2023," dated August 17, 2023, ML23229A594 – Public, part of ML23229A591.

<sup>3</sup> SMR, LLC, "Enclosure 1: SMR, LLC Meeting Presentation Materials for August 30, 2023 (P)," dated August 17, 2023, ML23229A593 – Proprietary, part of ML23229A591.

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 August 21, 2023, and posted it on the NRC public website.<sup>4</sup>

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 w/enclosure: Holtec ListServ

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<sup>4</sup> 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 August 21, 2023, ML23233A001.

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**ADAMS Accession Nos.:**

**PKG: ML23254A242**

**Memo: ML23254A247**

**Enclosure 1: ML23254A248**

**Enclosure 2: ML23254A245**

**Enclosure 3: ML23254A246**

**\*via email**

**NRR-106**

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