



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

August 14, 2023

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

FROM: Carolyn L. 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 MAY 10, 2023, PREAPPLICATION PUBLIC MEETING WITH  
SMR, LLC (A HOLTEC INTERNATIONAL COMPANY) TO  
DISCUSS FUEL QUALIFICATION FOR THE SMR-160 DESIGN

The U.S. Nuclear Regulatory Commission (NRC) held an observation public meeting on May 10, 2023, with SMR, LLC (SMR), a Holtec International Company (Holtec), to discuss preapplication information related to the SMR-160 fuel qualification and testing.<sup>1</sup> Specifically, SMR (Holtec) requested the meeting to discuss and receive NRC staff feedback on its questions related to these topics in its presentation materials.<sup>2, 3</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), Framatome, NRC staff, and members of the public. The NRC staff and SMR (Holtec) discussed proprietary information during the closed session.

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<sup>1</sup> Letter from J. Hawkins, "SMR, LLC Preapplication Meeting Materials for May 10, 2023," dated March 1, 2023, Agencywide Documents and Access Management System (ADAMS) Accession No. ML23114A027, part of ML23114A026.

<sup>2</sup> SMR, LLC, "NRC Meeting: Fuel Qualification and Testing on May 10, 2023," dated March 1, 2023, ML23114A029 – Public, part of ML23114A026.

<sup>3</sup> SMR, LLC, "NRC Meeting: Fuel Qualification and Testing," dated March 1, 2023, ML23114A028 – Proprietary, part of ML23114A026.

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.<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, "05/10/2023 Preapplication Meeting with SMR, LLC (A Holtec International Company) regarding fuel qualification and testing to support the Construction Permit for the Holtec SMR-160 design," dated November 25, 2022, ML23048A003.

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MAY 10, 2023, PREAPPLICATION PUBLIC MEETING WITH SMR, LLC (A  
HOLTEC INTERNATIONAL COMPANY) TO DISCUSS FUEL QUALIFICATION  
FOR THE SMR-160 DESIGN REVIEW.  
DATED: AUGUST 14, 2023

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**ADAMS Accession Nos.:**

**PKG: ML23116A034**

**Memo: ML23116A039**

**Enclosure 1: ML23116A036**

**Enclosure 2: ML23116A037**

**Enclosure 3: ML23116A038**

**\*via email**

**NRR-106**

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