



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

August 23, 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, 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 JUNE 20, 2023, PREAPPLICATION PUBLIC MEETING  
WITH SMR, LLC (A HOLTEC INTERNATIONAL COMPANY)  
TO DISCUSS THE SMR-160 HUMAN FACTORS  
ENGINEERING

The U.S. Nuclear Regulatory Commission (NRC) held an observation public meeting on June 20, 2023, with SMR, LLC (SMR), a Holtec International Company (Holtec), to discuss preapplication information related to the SMR-160 design.<sup>1</sup> Specifically, SMR (Holtec) requested the meeting to provide a high-level overview of the SMR -160 Human Factors Engineering (HFE) milestones, to discuss the HFE Implementation Plans, and obtain feedback from the NRC staff on the HFE Implementation Plans and examples of Operating Experience Review, Functional Requirements Analysis/Function Allocation and Task Analysis elements.

SMR provided the proprietary and non-proprietary slides for this public meeting.<sup>2 3</sup>

This meeting summary satisfies the SMR (Holtec) request for review and feedback on its preapplication meeting materials.

CONTACT: Gregory Cranston, NRR/DNRL  
301-415-0546

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<sup>1</sup> Letter from J. Hawkins, SMR, LLC Preapplication Meeting Materials for June 20, 2023, dated June 13, 2023, Agencywide Documents and Access Management System (ADAMS) Accession No. ML23165A081, part of ML23165A080.

<sup>2</sup> Enclosure 1: SMR, LLC Meeting Presentation Materials for June 20, 2023 (Proprietary),” dated June 14, 2023, ML23165A082, part of ML23165A080.

<sup>3</sup> Enclosure 2: SMR, LLC Meeting Presentation Materials for June 20, 2023 (Non-Proprietary),” dated June 14, 2023, ML23165A083, part of ML23165A080.

This virtual observation preapplication meeting had attendees from SMR, LLC, Holtec International, LLC, NRC staff and members of the public. There was no closed session since the only proprietary slide addressed the HFE simulator schedule, which required no discussion. There were no comments from the public.

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 April 20, 2023, and posted it on the NRC public website.<sup>4</sup>

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

Docket No. 99902049

Enclosures:

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

cc: Holtec ListServ

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<sup>4</sup> U.S. NRC, "Preapplication Meeting with SMR, LLC (A Holtec International Company) regarding Human Factors Engineering Programs to support the Construction Permit for the Holtec SMR-160 design," dated November 25, 2022 (ML23110A709).

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DATED: AUGUST 23, 2023

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**ADAMS Accession Nos.:**

**Pkg: ML23216A133**

**Memo: ML23216A135**

**Enclosure 1: ML23216A136**

**Enclosure 2: ML23216A137**

**Enclosure 3: ML23216A138**

**\*via email**

**NRR-106**

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