



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

August 8, 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 JUNE 28, 2023, PREAPPLICATION PUBLIC MEETING
WITH SMR, LLC (A HOLTEC INTERNATIONAL COMPANY) TO
DISCUSS THE APPLICABILITY OF EMERGENCY CORE
COOLING SYSTEM EVALUATION MODELS TO THE SMR-160
DESIGN

The U.S. Nuclear Regulatory Commission (NRC) held an observation public meeting on June 28, 2023, with SMR, LLC (SMR), a Holtec International Company (Holtec), to discuss preapplication information related to emergency core cooling system evaluation models for the SMR-160 design. Specifically, SMR (Holtec) requested the meeting to discuss the SMR-160 loss-of-coolant accident acceptance criteria, the applicability of 10 CFR Part 50, Appendix K to the SMR-160 design, and a potential exemption from 10 CFR 50.46 for the SMR-160 cladding material.¹ SMR (Holtec) provided presentation slides to support the discussion during 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. During the closed session of the meeting, SMR (Holtec) and NRC staff discussed proprietary information.

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¹ Letter from J. Hawkins, "SMR, LLC Preapplication Meeting Materials for June 28, 2023," dated June 14, 2023, Agencywide Documents and Access Management System (ADAMS) Accession No. ML23165A106, part of ML23165A105.

² SMR, LLC, "Enclosure 2 - SMR, LLC Meeting Presentation Materials for June 28, 2023," June 14, 2023, ML23165A108 - Public, part of ML23165A105.

³ SMR, LLC, "Enclosure 3 - SMR, LLC Meeting Presentation Materials for June 28, 2023," June 14, 2023, ML23165A107 - Proprietary, part of ML23165A105.

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). A high-level summary of the closed session is provided 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, "06/28/2023 Preapplication Meeting with SMR, LLC (A Holtec International Company) regarding applicability of 10 CFR Part 50 Appendix K to support the Construction Permit for the Holtec SMR-160 design," dated November 25, 2022, ML23110A737.

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 (A HOLTEC INTERNATIONAL COMPANY) TO DISCUSS THE APPLICABILITY OF
 EMERGENCY CORE COOLING SYSTEM EVALUATION MODELS TO THE
 SMR-160 DESIGN
 DATED: AUGUST 8, 2023

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ADAMS Accession Nos.:

PKG: ML23151A629

Memo: ML23151A635

Enclosure 1: ML23151A632

Enclosure 2: ML23151A633

Enclosure 3: ML23151A634

***via email**

NRR-106

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