



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

January 30, 2023

MEMORANDUM TO: Michael I. Dudek, Chief  
New Reactor Licensing Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

FROM: Gregory Cranston, Senior Project Manager */RA/*  
New Reactor Licensing Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF  
THE OCTOBER 19, 2022, PREAPPLICATION PUBLIC MEETING  
WITH SMR, LLC REGARDING LOSS-OF-COOLANT ACCIDENT  
ANALYSIS

The U.S. Nuclear Regulatory Commission (NRC) held a preapplication public meeting on October 19, 2022, with SMR, LLC (SMR), a Holtec International Company, regarding their loss-of-coolant accident (LOCA) analysis and associated information regarding a potential exemption to the requirements.<sup>1</sup> The applicant requested NRC staff review and provide feedback on a document regarding the basis for a potential future LOCA exemption request to support the construction permit application for the SMR-160 design.<sup>2</sup> This meeting summary satisfies the applicant's request for review and feedback on these preapplication meeting materials.

This virtual preapplication meeting had attendees from SMR, LLC, Holtec International, LLC, the NRC staff, and a member of the public.

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

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<sup>1</sup> SMR, LLC, "Preapplication Meeting Materials for October 19, 2022," dated October 3, 2022. Agencywide Documents and Access Management System (ADAMS) Accession No. ML22276A068.  
<sup>2</sup> SMR, LLC, "SMR, LLC Basis for Future LOCA Exemption Request for October 19, 2022," dated October 3, 2022, ML22276A070.

The NRC issued the public meeting notice on September 13, 2022, and posted it on the NRC public website.<sup>3</sup>

Enclosed are the meeting agenda (Enclosure 1), list of participants for the meeting (Enclosure 2), a summary of the meeting (Enclosure 3) and staff observations regarding the October 19, 2022, public meeting materials (Enclosure 4).

Docket No. 99902049

Enclosures:

1. Meeting Agenda
2. List of Attendees
3. Summary of Meeting
4. Staff Observations Regarding October 19, 2022,  
Public Meeting Materials for a Potential Exemption  
from Loss-of-Coolant Accident Analyses

cc: Holtec Listserv

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<sup>3</sup> U.S. NRC, "10/19/2022 Preapplication Meeting with SMR, LLC (A Holtec International Company) regarding a potential Loss-of-Coolant Accident exemption to support the Construction Permit for the SMR-160 design," dated September 13, 2022, ML22285A238.

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE  
 OCTOBER 19, 2022, PREAPPLICATION PUBLIC MEETING WITH SMR, LLC  
 REGARDING LOSS-OF-COOLANT ACCIDENT ANALYSIS  
 DATED: JANUARY 30, 2023

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**ADAMS Accession Nos.:**

**PKG:** ML22263A388

**Memo:** ML22263A404

**Enclosure 1:** ML22263A405

**Enclosure 2:** ML22263A433

**Enclosure 3:** ML22263A432

**Enclosure 4:** ML22304A002

**\*via email**

**NRR-106**

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<b>DATE</b>	01/26/2023	01/30/2023	01/27/2023	01/26/2023

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