



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

September 16, 2022

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

FROM: Carolyn L. Lauron, Sr. 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 AUGUST 31, 2022, PREAPPLICATION PUBLIC MEETING  
TO DISCUSS SMR, LLC QUESTIONS REGARDING LOSS-OF-  
COOLANT ANALYSIS

The U.S. Nuclear Regulatory Commission (NRC) held a preapplication public meeting on August 31, 2022, with SMR, LLC (SMR), a Holtec International company, to discuss questions regarding the loss-of-coolant analysis (LOCA) to support the construction permit application of the SMR-160 design. Specifically, SMR (applicant) requested to discuss with the staff the applicable large break LOCA regulations, definitions, guidance, and information on its previously submitted and subsequently withdrawn topical report.<sup>1</sup>

This hybrid preapplication meeting had in-person and virtual attendees from SMR, LLC, Holtec International, LLC, and the NRC. There were no members of the public observing the meeting.

CONTACT: Carolyn Lauron, NRR/DNRL  
301-415-2736

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<sup>1</sup> SMR, LLC, "Preapplication Meeting Materials for August 31, 2022 (Project No. 99902049)," dated August 24, 2022. Agencywide Document Access and Management System (ADAMS) Accession No. ML22236A529.

The NRC issued the public meeting notice on August 16, 2022, and posted it on the NRC public website.<sup>2</sup> The presentation slides for the meeting were also made available prior to the meeting on the NRC public website.<sup>1</sup>

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

Docket No. 99902049

Enclosures:

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

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<sup>2</sup> U.S. NRC, "8/31/2022 Notice of Preapplication Meeting with Holtec International, LLC, regarding Loss-of-Coolant Analyses to support the Construction Permit for the Holtec SMR-160 design," dated August 16, 2022. ADAMS Accession No. ML22235A111.

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE  
 AUGUST 31, 2022, OBSERVATION PREAPPLICATION PUBLIC MEETING TO  
 DISCUSS SMR, LLC QUESTIONS REGARDING LOSS-OF-COOLANT ANALYSIS  
 DATED: SEPTEMBER 16, 2022

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**ADAMS Accession Nos.:**

**PKG: ML22243A010**

**Memo: ML22243A017**

**Enclosure 1: ML22243A024**

**Enclosure 2: ML22243A025**

**Enclosure 3: ML22243A044**

**\*via email**

**NRR-106**

OFFICE	NRR/DNRL/NRLB	NRR/DNRL/NRLB	NRR/DNRL/NRLB
NAME	CLauron	SGreen	MDudek
DATE	09/15/2022	09/15/2022	09/16/2022
OFFICE	NRR/DNRL/NRLB		
NAME	CLauron		
DATE	09/16/2022		

**OFFICIAL RECORD COPY**

HOLTEC - Mailing List

Revised 08/15/2022

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