



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

May 19, 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 APRIL 5, 2023, PREAPPLICATION PUBLIC MEETING
WITH SMR, LLC (A HOLTEC INTERNATIONAL COMPANY) TO
DISCUSS THE SMR-160 LOSS-OF-COOLANT ACCIDENT
ANALYSES UPDATE NO. 1

The U.S. Nuclear Regulatory Commission (NRC) held an observation public meeting on April 5, 2023, with SMR, LLC (SMR), a Holtec International Company (Holtec), to discuss preapplication information related to the SMR-160 design.¹ Specifically, SMR (Holtec) requested the meeting to discuss the first update to the SMR-160 loss-of-coolant accident (LOCA) analyses. SMR (Holtec) provided a White Paper for NRC staff review and presentation slides for 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, LLC, Holtec International, LLC, NRC staff, and members of the public. The NRC staff and SMR (Holtec) discussed proprietary information during the closed session.

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

¹ Letter from J. Hawkins, "SMR, LLC Preapplication Meeting Materials for April 5, 2023 (Project No. 99902049)," dated March 29, 2023, Agencywide Documents and Access Management System (ADAMS) Accession No. ML23088A029, part of ML23088A028.

² SMR, LLC, "SMR, LLC Meeting Presentation Materials re SMR-160 LOCA Exemption Update # 1 for April 5, 2023," dated March 29, 2023, ML23088A031 – Public, ML23088A030 - Proprietary, part of ML23088A028.

³ SMR, LLC, "SMR, LLC Report HI-2230279 Rev. 0, LOCA Exemption Update White Paper (P)," dated March 29, 2023, ML23088A032, part of ML23088A028.

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). 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: Holtec ListServ

⁴ U.S. NRC, "04/05/2023 Preapplication Meeting with SMR, LLC (A Holtec International Company) regarding a potential Loss-of-Coolant Accident Analyses exemption to support the Construction Permit for the Holtec SMR-160 design," dated November 25, 2022, ML23012A003.

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE
APRIL 5, 2023, PREAPPLICATION PUBLIC MEETING WITH SMR, LLC (A
HOLTEC INTERNATIONAL COMPANY) TO DISCUSS THE SMR-160
LOSS-OF-COOLANT ACCIDENT ANALYSES UPDATE NO. 1
DATED: MAY 19, 2023

DISTRIBUTION:

PUBLIC
BSmith, NRR
MHayes, NRR
CLauron, NRR
GCranston, NRR
ABarrett, NRR
CMoyer, NRR
EDickson, NRR
JHoncharik, NRR
JTsoo, NRR
KManoly, NRR
MMitchell, NRR
PKlein, NRR
PSawant, NRR
RPatton, NRR
RNolan, NRR
SBloom, NRR
TScarborough, NRR
NChandran, NRR
PBasavaraju, NRR
RidsNrrDnrl Resource
RidsNrrDnrlNrlbResource
RidsNrrDnrlNlibResource
RidsNrrDss Resource
RidsEdoMailCenterResource
RidsAcrcMailCenterResource
RidsOgcMailCenterResource

ADAMS Accession Nos.:

PKG: ML23045A052

Memo: ML23045A058

Enclosure 1: ML23045A054

Enclosure 2: ML23045A055

Enclosure 3: ML23045A056

***via email**

NRR-106

OFFICE	NRR/DNRL/NRLB	NRR/DNRL/NRLB	NRR/DNRL/NRLB	NRR/DNRL/NRLB
NAME	CLauron	SGreen	MHayes*	CLauron
DATE	05/17/2023	05/17/2023	05/19/2023	05/19/2023

OFFICIAL RECORD COPY