



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

August 17, 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
Licensing and Regulatory Infrastructure Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

A handwritten signature in blue ink, appearing to read "C. Lauron".

Signed by Lauron
on 08/17/23

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF
THE MAY 25, 2023, PREAPPLICATION PUBLIC MEETING WITH
SMR, LLC (A HOLTEC INTERNATIONAL COMPANY) TO
DISCUSS PROPRIETARY INFORMATION REGARDING THE
SMR-160 LOSS-OF-COOLANT ACCIDENT ANALYSIS

The U.S. Nuclear Regulatory Commission (NRC) held an observation public meeting on May 25, 2023, with SMR, LLC (SMR), a Holtec International Company (Holtec), to discuss preapplication information related to the SMR-160 loss-of-coolant accident (LOCA) analysis.¹ Specifically, SMR (Holtec) requested the meeting to discuss proprietary information related to its LOCA analysis and to receive NRC staff feedback on its questions related to this topic in its presentation materials and its White Paper.^{2, 3} SMR (Holtec) submitted a revised letter requesting a written assessment of its White Paper.⁴

This virtual closed preapplication meeting had attendees from SMR, LLC, Holtec, and NRC staff. The NRC staff and SMR (Holtec) discussed proprietary information during this meeting.

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

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- ¹ Letter from J. Hawkins, "SMR, LLC Preapplication Meeting Materials for May 25, 2023," dated May 16, 2023, Agencywide Documents and Access Management System (ADAMS) Accession No. ML23142A005, part of ML23142A004.
 - ² SMR, LLC, "Enclosure 1 - SMR, LLC Meeting Presentation Materials for May 25, 2023," dated May 25, 2023, ML23142A006 – Proprietary, part of ML23142A004.
 - ³ SMR, LLC, "Enclosure 2 - HI-2230397 Rev. 0, SMR-160 LOCA Exemption Request Language and Acceptance Criteria White Paper for May 25, 2023," dated May 25, 2023, ML23142A007 – Proprietary, part of ML23142A004.
 - ⁴ SMR, LLC, "Revision 1 to the Letter Dated May 17, 2023, Regarding SMR, LLC, Preapplication Meeting Materials for May 25, 2023," dated May 25, 2023, ML23143A199.

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.⁵

Enclosed are the meeting agenda (Enclosure 1), list of participants for the meeting (Enclosure 2), and a summary of the meeting (Enclosure 3). This closed meeting was not open to the public; however, a high-level non-proprietary 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 w/enclosure: Holtec ListServ

⁵ U.S. NRC, "5/25/2023 Preapplication Meeting with SMR, LLC (A Holtec International Company) regarding proprietary Loss-of-Coolant Accident Analysis information to support the Construction Permit for the Holtec SMR-160 design," dated April 20, 2023, ML23110A738.

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HOLTEC INTERNATIONAL COMPANY) TO DISCUSS PROPRIETARY
INFORMATION REGARDING THE SMR-160 LOSS-OF-COOLANT ACCIDENT
ANALYSIS REVIEW
DATED: AUGUST 17, 2023

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Enclosure 1: ML23116A069

Enclosure 2: ML23116A070

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***via email**

NRR-106

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