




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

October 28, 2024

MEMORANDUM TO: Michelle W. Hayes, Chief
Licensing and Regulatory Infrastructure Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

FROM: India S. Banks, Project Manager  Signed by Banks, India
Licensing and Regulatory Infrastructure Branch on 10/28/24
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF
THE SEPTEMBER 19, 2024, OBSERVATION PREAPPLICATION
PUBLIC MEETING WITH SMR, LLC (A HOLTEC
INTERNATIONAL COMPANY) TO DISCUSS THE INTEGRAL
AND SEPARATE EFFECTS TEST PLAN FOR THE SMR-300
DESIGN

The U.S. Nuclear Regulatory Commission (NRC) held an observation public meeting on September 19, 2024, with SMR, LLC (SMR), a Holtec International Company (Holtec), to discuss preapplication information related to the Integral and Separate Effects Testing (I/SET) plan for the SMR-300 design.¹ SMR (Holtec) provided presentation slides ahead of the meeting.^{2,3} This meeting summary satisfies the applicant's request for review and feedback on its preapplication meeting materials.

This virtual observation preapplication meeting had attendees from SMR, (Holtec), NRC staff, members of the public, and the Office for Nuclear Regulation (ONR). Members of the public only attended the open portion of the meeting, where nonproprietary information was discussed. The open session was followed by a closed session to discuss proprietary information.

CONTACT: India Banks, NRR/DNRL
301-287-0787

¹ Letter from A. Brenner, "SMR, LLC Preapplication Meeting Materials for September 19, 2024," dated September 5, 2024, Agencywide Documents and Access Management System (ADAMS) Accession No. ML24249A162 part of ML24249A161.

² SMR, LLC, "SMR, LLC, NRC Meeting: SMR-300 ISET Scaling Overview," Nonproprietary, dated September 5, 202, ML24249A163, part of ML24249A161.

³ SMR, LLC, "SMR, LLC, NRC Meeting: SMR-300 ISET Scaling Overview," Proprietary, dated September 5, 202, ML24249A164, part of ML24249A161.

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 September 3, 2024, 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).

Docket No. 99902049

Enclosures:

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

cc: Holtec ListServ

⁴ U.S. NRC, "09/19/2024 Preapplication Meeting with SMR, LLC (A Holtec International Company) regarding the I/SET Scaling for the SMR-300 design," dated September 3, 2024, ML24247A065.

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 INTEGRAL AND SEPARATE EFFECTS TEST PLAN FOR THE SMR-300 DESIGN
 DATED: OCTOBER 28, 2024

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ADAMS Accession Nos.:**PKG: ML24281A002****Memo: ML24281A003****Enclosure 1: ML24281A004****Enclosure 2: ML24281A005****Enclosure 3: ML24281A006*****via e-concurrence****NRR-106**

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