



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

June 11, 2025

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

FROM: Victoria V. Huckabay, Senior Project Manager /RA/
Licensing and Regulatory Infrastructure Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE MAY 8, 2025, PUBLIC MEETING WITH SMR, LLC
(A HOLTEC INTERNATIONAL COMPANY) TO DISCUSS
THE PLANNED FIRE PROBABILISTIC SAFETY ASSESSMENT FOR
THE SMR-300 CONSTRUCTION PERMIT APPLICATION

Meeting Information:

Vendor: SMR, LLC (SMR), A Holtec International Company (Holtec)

Docket No.: 99902049

Meeting Title: SMR-300 Fire Analyses Plan

Meeting Date: May 8, 2025

Meeting Type: Partially Closed

Public Meeting Notice Agencywide Documents Access and Management System (ADAMS)
Accession No.: [ML25125A035](#)

Meeting Attendees: See Enclosure 1 for list of meeting attendees

Enclosure 2 to this letter contains Proprietary Information. When separated from Enclosure 2, this letter is DECONTROLLED.

CONTACT: Victoria V. Huckabay, NRR/DNRL/NLIB
(301) 415-5183

Meeting Summary:

The U.S. Nuclear Regulatory Commission (NRC) staff conducted the meeting in accordance with NRC Management Directive 3.5, "Attendance at NRC Staff-Sponsored Meetings" ([ML21180A271](#)). SMR (Holtec) provided an overview of its planned methodology for the fire probabilistic safety assessment (PSA) for the future SMR-300 application.

During the open portion of the meeting, SMR (Holtec) explained that it plans to provide a high-level overview of the planned fire PSA for the upcoming SMR-300 construction permit application submittal ([ML25115A262](#)). SMR (Holtec) discussed the planned asymmetrical dual-unit site layout at the existing Palisades site, which provides unique considerations for the fire PSA.

At the end of the open portion of the meeting, members of the public were invited to provide comments or ask the NRC staff questions pertaining to the scope of the meeting. Two members of the public provided comments that were outside the scope of this meeting. The only comment within the scope of the meeting was the one in which a member of the public expressed a concern that the majority of the information in this pre-application engagement was not publicly available.

Enclosures:

1. List of Attendees
2. Meeting Minutes – Closed Portion
(non-public)

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PROBABILISTIC SAFETY ASSESSMENT FOR THE SMR-300 CONSTRUCTION
PERMIT APPLICATION
DATED: JUNE 11, 2025

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ADAMS Accession Nos.:**Package: ML25160A226****Letter: ML25160A228****Enclosure 2: ML25160A228****via email****NRC-001**

OFFICE	NRR/DNRL/NLIB:PM	NRR/DNRL/NLIB:LA	NRR/DNRL/NLIB BC	NRR/DNRL/NLIB:PM
NAME	VHuckabay	SGreen	MHayes	VHuckabay
DATE	06/04/2025	06/09/2025	06/09/2025	06/11/2025

OFFICIAL RECORD COPY

May 8, 2025, Public Meeting with SMR (Holtec) to Discuss the Planned Fire Probabilistic Safety Assessment for the SMR-300 Construction Permit Application

Meeting Attendees

Name	Organization
Victoria Huckabay	U.S. Nuclear Regulatory Commission (NRC)
Reinaldo Rodriguez	NRC
Jennifer Beaton	NRC
Thinh Dinh	NRC
Charles Moulton	NRC
Steven Alferink	NRC
Mihaela Biro	NRC
Jay Robinson	NRC
Clark Shurtleff	SMR (Holtec)
Hovhannes Hovhannisyan	SMR (Holtec)
Jeff Miller	SMR (Holtec)
Kevin Elliott	SMR (Holtec)
Sarah Horacek	SMR (Holtec)
Sean McCloskey	SMR (Holtec)
Joseph Nithsdale	U.K. Office for Nuclear Regulation
Deric Tilson	The Breakthrough Institute
Donna Christiansen	Institute for Nuclear Power Operations
Michael Keegan	
Alfred Meyer	
Kathy Barnes	