




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

July 2, 2024

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

FROM: India Banks, Project Manager  Signed by Banks, India
Licensing and Regulatory Infrastructure Branch on 07/02/24
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF
THE JUNE 5, 2024, OBSERVATION PREAPPLICATION PUBLIC
MEETING WITH SMR, LLC (A HOLTEC INTERNATIONAL
COMPANY) TO DISCUSS THE SMR-300 INSTRUMENTATION
AND CONTROL, ELECTRICAL DESIGN, AND HUMAN
FACTORS ENGINEERING

The U.S. Nuclear Regulatory Commission (NRC) held an observation public meeting on June 5, 2024, with SMR, LLC (SMR), a Holtec International Company (Holtec), to discuss the Instrumentation and Control (I&C), Electrical Design, and Human Factors Engineering (HFE) aspects of the SMR-300 design that were postponed from the May 8, 2024, public meeting.¹ SMR (Holtec) provided presentation slides for the closed session of the May 8, 2024, public meeting, that were discussed during the June 5, 2024, meeting.² This meeting summary satisfies the applicant's request for review and feedback on these topics.³

This virtual observation preapplication meeting had attendees from SMR, (Holtec), NRC staff, and members of the public. While the presentation slides were proprietary, this meeting offered a brief open session to allow members of the public to ask questions of the NRC staff before proceeding with the proprietary closed session.

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

¹ Letter from A. Brenner, "SMR, LLC Preapplication Meeting Materials for May 8, 2024 (Project No. 99902049)," dated May 1, 2024, Agencywide Documents and Access Management System (ADAMS) Accession No. ML24122C700 part of ML24122C699.

² SMR, LLC, "Enclosure 2: SMR, LLC Meeting Closed Presentation Materials for May 8, 2024, (P)" dated May 8, 2024, ML24122C702, part of ML24122C699.

³ The meeting summary of the May 8, 2024, public meeting with SMR (Holtec) has not yet been issued.

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 May 23, 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, "06/05/2024 Preapplication Meeting with SMR, LLC (A Holtec International Company) regarding Instrumentation & Control (I&C), Electrical Design, and Human Factors Engineering," dated May 23, 2024, ML24144A046.

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE JUNE 5, 2024, OBSERVATION PREAPPLICATION PUBLIC MEETING WITH SMR, LLC (A HOLTEC INTERNATIONAL COMPANY) TO DISCUSS THE SMR-300 INSTRUMENTATION AND CONTROL, ELECTRICAL DESIGN, AND HUMAN FACTORS ENGINEERING
DATED: JULY 30, 2024

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ADAMS Accession Nos.:

PKG: ML24180A171

Memo: ML24180A172

Enclosure 1: ML24180A173

Enclosure 2: ML24180A174

Enclosure 3: ML24180A175

***via eConcurrence**

NRR-106

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