



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

December 19, 2022

MEMORANDUM TO: Michael I. Dudek, Chief
New Reactor Licensing Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

FROM: Carolyn Lauron, Project Manager */RA/*
New Reactor Licensing Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF
THE NOVEMBER 30, 2022, PREAPPLICATION PUBLIC
MEETING WITH SMR, LLC (HOLTEC) TO DISCUSS CLOSED
SYSTEM ISOLATION VALVES FOR THE SMR-160 DESIGN

The U.S. Nuclear Regulatory Commission (NRC) held a virtual observation public meeting on November 30, 2022, with SMR, LLC (SMR), a Holtec International Company, to have a preapplication discussion on its closed system isolation valves.¹ Specifically, SMR (applicant) requested the meeting to discuss its White Paper on SMR-160 Primary Decay Heat Removal (PDHR) and Secondary Decay Heat Removal (SDHR) containment isolation schemes.^{2,3} The applicant provided presentation slides for the public meeting.⁴

This virtual preapplication meeting had attendees from SMR, LLC, Holtec International, LLC, and a member of the public. There was no closed session to discuss proprietary information.

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¹ Letter from J. Hawkins, "SMR, LLC Preapplication Meeting Materials for November 30, 2022 (Project No. 99902049), dated November 1, 2022, Agencywide Documents and Access Management System (ADAMS) Accession No. ML22305A509, part of ML22305A508.

² SMR, LLC, "Enclosure 2: SMR-160 PDHR and SDHR Containment Isolation White Paper Report No. HI-2220845, Rev. O (Redacted)," dated November 1, 2022, ML22305A511, part of ML22305A508.

³ SMR, LLC, "Enclosure 3: SMR-160 PDHR and SDHR Containment Isolation White Paper Report No. HI-2220845, Rev. O," dated November 1, 2022, ML22305A512, part of ML22305A508.

⁴ SMR, LLC, "Enclosure 1: SMR, LLC, Preapplication Meeting Presentation on Overview of SMR-160 PDHR," dated November 1, 2022, ML22305A511, part of ML22305A508.

The NRC issued the public meeting notice on September 16, 2022 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).

Docket No. 99902049

Enclosures:

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

Cc: Holtec ListServ

⁵ U.S. NRC, "11/30/2022 Preapplication Meeting with SMR, LLC (A Holtec International Company) regarding a potential exemption related to closed system isolation valves to support the Construction Permit for the SMR-160 design," dated September 16, 2022, ML22256A072.

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE NOVEMBER 30, 2022, PREAPPLICATION PUBLIC MEETING WITH SMR, LLC (HOLTEC) TO DISCUSS CLOSED SYSTEM ISOLATION VALVES FOR THE SMR-160 DESIGN DATED: DECEMBER 19, 2022

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ADAMS Accession Nos.:

PKG: ML22307A238

Memo: ML22307A242

Enclosure 1: ML22307A241

Enclosure 2: ML22307A240

Enclosure 3: ML22307A239

***via email**

NRR-106

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