



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

December 27, 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 DECEMBER 5, 2022, PREAPPLICATION PUBLIC
MEETING WITH SMR, LLC (HOLTEC) TO DISCUSS THE
SMR-160 PASSIVE CORE COOLING SYSTEM DESIGN FOR
NON-LOSS-OF-COOLANT ACCIDENT ANALYSES

The U.S. Nuclear Regulatory Commission (NRC) held an observation public meeting on December 5, 2022, with SMR, LLC (SMR), a Holtec International Company, to discuss preapplication items for the SMR-160 passive core cooling system design for non-loss-of-coolant accident (non-LOCA) analyses and the safe shutdown criteria discussed in SECY-94-084.¹ Specifically, SMR requested the meeting to obtain NRC staff feedback on how the criteria in SECY-94-084 applies to their SMR-160 design.²

This virtual preapplication observation public meeting had attendees from SMR, LLC, Holtec International, LLC, the NRC staff, and members of the public.

CONTACT: Carolyn Lauron, NRR/DNRL
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¹ U.S. NRC, SECY-94-084, "Policy and Technical Issues Associated with the Regulatory Treatment of Non-Safety Systems in Passive Plants," dated March 28, 1994. (Agencywide Documents and Access Management System (ADAMS) Accession No. ML003708068).

² SMR, LLC, "NRC Meeting: SECY-94-084 Safe Shutdown Criteria," dated December 5, 2022, ML22320A004, part of ML22320A002.

The NRC issued the public meeting notice on October 27, 2022, and posted it on the NRC public website.³

Enclosed are the meeting agenda (Enclosure 1), list of participants for the meeting (Enclosure 2), and a summary of the open and closed sessions of the meeting (Enclosure 3). The closed portion of the meeting was not open to the public; however, it is summarized (at a high-level) in Enclosure 3.

Docket No. 99902049

Enclosures:

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

cc: Holtec ListServ

³ U.S. NRC, "12/05/2022 Preapplication Meeting with SMR, LLC (A Holtec International Company) regarding safety topics to support the Construction Permit for the Holtec SMR-160 design," dated October 27, 2022, ML22318A096.

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 LLC (HOLTEC) TO DISCUSS THE SMR-160 PASSIVE CORE COOLING SYSTEM
 DESIGN FOR NON-LOSS-OF-COOLANT ACCIDENT ANALYSES
 DATED: DECEMBER 27, 2022

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ADAMS Accession Nos.:

PKG: ML22304A131

Memo: ML22304A136

Enclosure 1: ML22304A134

Enclosure 2: ML22304A133

Enclosure 3: ML22304A132

***via email**

NRR-106

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