



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

October 31, 2023

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

FROM: Emmanuel C. Sayoc, Project Manager
Licensing and Regulatory Infrastructure Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

A handwritten signature in blue ink, appearing to read "Emmanuel C. Sayoc".

Signed by Sayoc, Emmanuel
on 10/31/23

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE
AUGUST 23, 2023, PREAPPLICATION PUBLIC MEETING WITH
SMR, LLC (A HOLTEC INTERNATIONAL COMPANY) TO DISCUSS
THE SMR-160 DESIGN DIGITAL INSTRUMENTATION AND
CONTROL ARCHITECTURE COMPLIANCE WITH NRC INTERIM
STAFF GUIDANCE FOR HIGHLY-INTEGRATED CONTROL
ROOMS

The U.S. Nuclear Regulatory Commission (NRC) held an observation public meeting on August 23, 2023, with SMR, LLC (SMR), a Holtec International Company (Holtec), to discuss the SMR-160 digital instrumentation and control (I&C) architecture compliance with NRC interim staff guidance (ISG).¹ SMR (Holtec) provided presentation slides to support the discussion during the public meeting.^{2,3,4,5} This meeting summary satisfies the SMR (Holtec)'s request for review and feedback on its preapplication meeting materials.

CONTACT: Emmanuel (Manny) Sayoc
301-415-4084

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- ¹ Letter from A. Brenner, "SMR, LLC Preapplication Meeting Materials for August 23, 2023 (Project No. 99902049)," dated August 10, 2023, Agencywide Documents and Access Management System (ADAMS) Accession No. ML23223A104, part of ML23223A103.
 - ² SMR, LLC/Holtec International, "Enclosure 1: SMR, LLC/International, ISG-04 Conformance Analysis," August 23, 2023, ML23223A105 - Public, part of ML23223A103.
 - ³ SMR, LLC/Holtec International, "Enclosure 2: SMR, LLC/Holtec International, ISG-04 Conformance Analysis," ML23223A106 - Proprietary, part of ML23223A103.
 - ⁴ SMR, LLC/Holtec International, "Enclosure 3: SMR, LLC/Mitsubishi Electric Corp., Functional Independence Evaluation Based on ISG-04," August 23, 2023, ML23223A107 - Proprietary, part of ML23223A103.
 - ⁵ SMR, LLC/Holtec International, "Enclosure 4: SMR, LLC, Affidavit," August 23, 2023, ML23223A108 - Public, part of ML23223A103.

This virtual observation preapplication meeting had attendees from SMR, (Holtec), NRC staff, and members of the public. During the closed session of the meeting, SMR (Holtec) and NRC staff discussed proprietary information.

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 June 16, 2023, and posted it on the NRC public website.⁶

Enclosed are the meeting agenda (Enclosure 1), list of participants for the meeting (Enclosure 2), and a summary of the meeting (Enclosure 3). A high-level summary of the closed session is provided in Enclosure 3.

Docket No. 99902049

Enclosures:

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

cc: Holtec ListServ

⁶ U.S. NRC, "08/23/2023 Preapplication Meeting with SMR, LLC (A Holtec International Company) regarding instrumentation & control to support the Construction Permit for the Holtec SMR-160 design," dated June 16, 2023, ML23167A010.

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 DIGITAL INSTRUMENTATION AND CONTROL ARCHITECTURE
 COMPLIANCE WITH NRC INTERIM STAFF GUIDANCE
 DATED: OCTOBER 31, 2023

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Enclosure 1: ML23289A105

Enclosure 2: ML23289A106

Enclosure 3: ML23289A107

***via email**

NRR-106

OFFICE	NRR/DNRL/NLIB	NRR/DNRL/NLIB	NRR/DNRL/NLIB	NRR/DNRL/NLIB	NRR/DNRL/NLIB
NAME	MSayoc	SGreen	CLauron	MHayes	MSayoc
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