



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

March 14, 2023

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

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

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF  
THE FEBRUARY 8, 2023, PREAPPLICATION PUBLIC MEETING  
WITH SMR, LLC (A HOLTEC INTERNATIONAL COMPANY) TO  
DISCUSS THE SMR-160 INSTRUMENTATION & CONTROL  
HAZARDS ANALYSIS

The U.S. Nuclear Regulatory Commission (NRC) held an observation public meeting on February 8, 2023, with SMR, LLC (SMR), a Holtec International Company (Holtec), to discuss preapplication information related to the SMR-160 instrumentation & control (I&C) hazards analysis.<sup>1</sup> Specifically, SMR (Holtec) requested the meeting to discuss its White Paper entitled, "SMR, LLC, 160 Hazard Analysis for I&C System Methodology Report No. HI-2230060, Rev. 0."<sup>2</sup> SMR (Holtec) provided presentation slides for the public meeting.<sup>3</sup>

This virtual observation preapplication meeting had attendees from SMR (Holtec), NRC staff, and members of the public. A closed session was conducted between the NRC staff and SMR (Holtec) to discuss proprietary information.

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<sup>1</sup> Letter from J. Hawkins, "SMR, LLC, Preapplication Meeting Materials for February 8, 2023," dated January 23, 2023, Agencywide Documents and Access Management System (ADAMS) Accession No. ML23023A003, part of ML23023A002.

<sup>2</sup> SMR, LLC, "SMR, LLC, 160 Hazard Analysis for I&C System Methodology Report No. HI-2230060, Rev. 0," dated January 23, 2023, ML23023A006 - Public, ML23023A005 – Proprietary, both part of ML23023A002.

<sup>3</sup> SMR, LLC, "SMR, LLC, Holtec International, SMR-160 I&C Hazard Analysis Overview," January 23, 2023, ML23023A004, part of ML23023A002.

Preapplication engagements, including this meeting, provide an opportunity for the NRC staff to engage in early discussions with a potential 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 November 25, 2022, and posted it on the NRC public website.<sup>4</sup>

Enclosed are the meeting agenda (Enclosure 1), list of participants for the meeting (Enclosure 2), and a summary of the meeting (Enclosure 3). A non-proprietary summary of the discussion during the closed session is included in Enclosure 3.

Docket No. 99902049

Enclosures:

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

cc: Holtec ListServ

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<sup>4</sup> U.S. NRC, "02/08/2023 Preapplication Meeting with SMR, LLC (A Holtec International Company) regarding instrumentation and control hazards analysis to support the Construction Permit for the Holtec SMR-160 design," dated November 25, 2022, ML22347A001.

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(A HOLTEC INTERNATIONAL COMPANY) TO DISCUSS THE SMR-160  
INSTRUMENTATION & CONTROL HAZARDS ANALYSIS  
DATED: MARCH 14, 2023

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**ADAMS Accession Nos.:**

**PKG: ML23019A004**

**Memo: ML23019A008**

**Enclosure 1: ML23019A005**

**Enclosure 2: ML23019A006**

**Enclosure 3: ML23019A007**

**\*via email**

**NRR-106**

<b>OFFICE</b>	NRR/DNRL/NRLB	NRR/DNRL/NRLB	NRR/DNRL/NRLB	NRR/DNRL/NRLB
<b>NAME</b>	CLauron	SGreen	MHayes*	CLauron
<b>DATE</b>	03/02/2023	03/02/2023	03/12/2023	03/14/2023

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