



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

October 27, 2020

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

FROM: Gregory V. Cranston, Senior Project Manager /RA/
Division of New and Renewed Licenses
New Reactor Licensing Branch
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE SEPTEMBER 30, 2020, PUBLIC
MEETING TO PROVIDE AN OVERVIEW OF THE HOLTEC
INTERNATIONAL SMALL MODULAR REACTOR SMR-160

On September 30, 2020, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and SMR, LLC (a Holtec International Company) (Holtec) for Holtec to provide an overview of Holtec's organization structure, as well as information on their small modular pressurized-water reactor, SMR-160.

The public meeting commenced at 9:00 a.m., with opening remarks and an introduction of participants. Holtec then commenced their presentation on the topics listed below.

Open Session Topics:

- Overview of Holtec's worldwide dry storage and transport experience
- SMR-160 design concepts overview
- Key principles of the SMR-160, including passive operation, near-zero site boundary dose, maximum factory fabrication and minimal site construction to reduce costs.

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After the public portion of the meeting, the public was given an opportunity to provide comments. At the completion of the public meeting, the meeting was closed since portions of that presentation and associated discussions contained proprietary information.

The closed session presentation topics are listed below.

Closed Session Agenda:

- Design overview of the SMR-160 major systems including:
 - Reactor coolant system, the reactor core
 - Instrumentation and Controls
 - Major structures
 - Inherently safe design features, including passive safety systems
- Low core damage frequency
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- Plant response to loss of coolant accidents
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- Pre-application topical report topics and submittal timeframe
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- Application submittal timeframe

The meeting agenda is provided in Enclosure 1 and the list of participants is provided in Enclosure 2. The public meeting notice can be found in the Agencywide Documents Access and Management Systems (ADAMS) under Accession No. ML20274A008. Presentation slides for the public portion of this meeting can be found in ADAMS under Accession No. ML20273A299.

Docket No. 99902049

Enclosures:

1. Meeting Agenda
2. List of Participants

cc w/encls.:

SUBJECT: SUMMARY OF THE SEPTEMBER 30, 2020, PUBLIC MEETING TO PROVIDE
AN OVERVIEW OF THE HOLTEC INTERNATIONAL SMALL MODULAR
REACTOR SMR-160
DATED: OCTOBER 27, 2020

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ADAMS Accession No:**PKG: ML20288A209****MEMO: ML20288A210***** via e-mail****NRR-106**

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NAME	GCranston*		
DATE	10/27/2020		

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U.S. NUCLEAR REGULATORY COMMISSION
PUBLIC MEETING TO PROVIDE AN OVERVIEW OF THE HOLTEC INTERNATIONAL
SMALL MODULAR REACTOR SMR-160

Meeting Agenda

September 30, 2020

9:00 a.m. – Noon

<u>Time</u>	<u>Topic</u>	<u>Organization</u>
9:00 a.m. –9:10 a.m..	Introductions and Opening Remarks	NRC/Holtec
9:10 a.m. –9:20 a.m.	SMR-160 Presentation – Open Session	Holtec
9:20 a.m. –9:30 a.m.	Public comments	Public/NRC
9:30 a.m. – 9:40 a.m.	Break	All
9:40 a.m. – 11:30 a.m.	SMR-160 Presentation – Closed session	Holtec
11:30 a.m. – noon	Discussion	Holtec/NRC
Noon	Adjourn	All

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U.S. NUCLEAR REGULATORY COMMISSION
PUBLIC MEETING TO PROVIDE AN OVERVIEW OF THE HOLTEC INTERNATIONAL
SMALL MODULAR REACTOR SMR-160

List of Participants

September 30, 2020

Name	Affiliation
Anton, Stefan	Holtec
Marcille, Thomas	Holtec
Morin, Tammy	Holtec
Trotta, Richard	Holtec
Bradford, Anna	NRC
Buford, Angela	NRC
Caldwell, Bob	NRC
Clifford, Paul	NRC
Cowdrey, Christian	NRC
Cranston, Gregory	NRC
Dudek, Michael	NRC
Gerrish, Emily	NRC
Grady, Anne-Marie	NRC
Green, Brian	NRC
Hernandez, Raul	NRC
Kavanagh, Kerr	NRC
Krepel, Scott	NRC
Lu, Shanlai	NRC
Madalena, Lisette	NRC
Martinez Navedo, Tania	NRC
McClure, Sandra	NRC
John Henry (Lou) Sullivan	NRC
Neuhausen, Alissa	NRC
Nolan, Ryan	NRC
Patton, Rebecca	NRC
Pohida, Marie	NRC
Ray, Sheila	NRC
Reichelt, Eric	NRC
Rosenberg, Stacey	NRC
Ross-Lee, MJ	NRC
Scarbrough, Thomas	NRC
Stubbs, Angelo	NRC
Taneja, Dinesh	NRC
Vazquez, Justin	NRC
Wagage, Hanry	NRC
Wittick, Brian	NRC
Fields, Sarah	Uranium Watch
Davis, Edward	Pegasus Group