Trinity Section, American Nuclear Society
3167 San Mateo Blvd #131
Albuquerque, NM 87110-1921
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"VIRTUAL DINNER" ZOOM MEETING ANNOUNCEMENT

https://unm.zoom.us/j/91539726959

"Small Modular Reactors and the Changing Global Energy Landscape"

Speaker: **Thomas Marcille**
VP of Reactor Technologies, Holtec International, and
Chief Nuclear Officer, SMR, LLC

Background: Because of the constraints that the COVID-19 pandemic continues to place on in-person gatherings, Trinity Section is hosting a "virtual dinner meeting with speaker." Of course, dinner and libations are whatever you choose to provide at your individual locations, but at least we can offer some professional interaction in the form of a stimulating presentation and an opportunity for discussion.

Abstract: please see next page.

Biography: please see next page.

Directions: This meeting will be hosted on Zoom. The sign-in link will be posted on the Calendar page of our web site, at http://local.ans.org/trinity/calendar.html .

Date: **Tuesday, 1 March 2022**

Time: **6:30pm (MDT)** Speaker and discussion

Cost/Menu: Whatever you choose to provide at your individual locations.

And you don't even need to sign up from our web site or pay with PayPal.

RSVP: No need to tell us ahead of time. However, if you have ideas for speakers and topics of interest for the future, for either additional "virtual" dinner meetings, in-person dinner meetings, or additional "lightning talks," please be in touch with us through:

Chris Perfetti: cperfetti@unm.edu (505-277-1945) or
Travis Trahan: travistrahan@gmail.com (505-695-5078).

"Small Modular Reactors and the Changing Global Energy Landscape"

Thomas Marcille

VP of Reactor Technologies, Holtec International, and
Chief Nuclear Officer, SMR, LLC

Abstract:

New nuclear reactor designs must be safe, secure, reliable, flexible, and economical if they are to support the world's energy needs. Small modular reactors offer the ability for electric utilities to adapt to ever-changing economic factors, and the Holtec International SMR-160 small modular reactor offers design features that support these needs, including: passive safety systems, a small physical footprint, and the flexibility to use air-cooling condensers in lieu of the large quantity of plant service cooling water. This talk will highlight the design features of the SMR-160 and will also discuss the proposed Holtec HI-STORE consolidated interim spent fuel storage facility in Southeastern New Mexico.

Biography:

Thomas Marcille currently serves as Holtec International's VP of Reactor Technologies and Chief Nuclear Officer of its affiliated company SMR, LLC, with responsibilities including developing, delivering, and commissioning corporate and division products, projects, and facilities within the company's Nuclear Power and SMR Divisions.

At Holtec International, Mr. Marcille serves as Executive Sponsor with P&L responsibility for major commercial projects in the Nuclear Power Division, with integrated scope including contract and project management responsibility for Holtec designed, licensed, manufactured, and constructed, tested, and delivered capital nuclear equipment and facility projects to global clients.

Prior to joining Holtec International and SMR, LLC he joined NuScale Power in its early inception to become Chief Operating Officer and VP of Engineering, where he was responsible to stand up the company staffing and project engineering, project management, configuration management system(s) and quality assurance program, procedures, and practices, with all plant design development, engineering, safety analysis and testing, including plant simulator development, and all operational programs. Prior to joining NuScale Power, Mr. Marcille served as the Chief Technologist at Los Alamos National Laboratory for reactor design, testing, nuclear methods, and reactor fuel systems (oxides and nitrides).