



American Nuclear Society

Georgia Section

Message from your leadership team:

This quarter we're covering a number of current events that make **nuclear energy newsworthy**.

We discuss the state of nuclear power in **Ukraine** and what the effects of the conflict are on reliance on nuclear power as a source of energy.

It's exciting to see that the **SMR & Advanced Reactor Conference for 2022** will be taking place in May right here in our backyard. See more details and how to register.

Last, but not least, Juan Villarreal was able to spend time with **Cohesive Group's Joe Klecha** to discuss the work that company is doing across the asset lifecycle. Joe has embarked on a journey to transform how the nuclear industry approaches the development of new power plants as well as the management of the current installed fleet.

Many of us can't think of a more exciting time to be in the nuclear space. The world is realizing that nuclear provides an important source of stability for energy needs.

Juan Villarreal, ANS GA Section chair; Dan Glassic, vice-chair; Dom Napolitano, treasurer; Andrew Hummel, secretary; Ronald Borel, social media.

SMR & Advanced Reactor Conference, this May and right in our backyard...

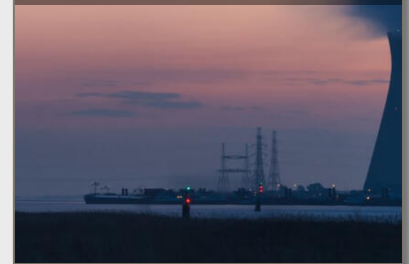
Bringing together market-leading change makers from the nuclear industry to discuss the short and long-term future of nuclear energy, **SMR & Advanced Reactor 2022, May 24-25**, will

share the latest technological, regulatory, and investment moves, discussing SMRs and advanced reactors as the answer to nuclear energy replacing fossil fuels in baseload power generation. The conference will provide a look at the future of energy distribution, maintaining talent in the marketplace, and the regulatory adjustments needed to secure a future for nuclear energy.

REUTERS EVENTS™

SMR & Advanced Reactor 2022

24 May–25 May, 2022
Atlanta, GA



Our NEXT MEETING will be in September 2022. Stay tuned for our meeting notice about our speaker and topic. We look forward to seeing you there!

Feel passionate about the resurgence in nuclear energy solutions and want to volunteer? Contact ANS GA Section chair, Juan Villarreal for more information.

Interview: Joe Klecha, Chief Nuclear Officer & Global Power/Utility Lead maintenance management systems for the operating nuclear fleet talks to Juan Villarreal about Cohesive.

Joe Klecha is a veteran of the nuclear industry having worked for several of the leading utilities in the United States, managing new construction as well as fleet operations. I recently met with Joe, the Chief Nuclear Officer & Global Power/Utility Lead at Cohesive Group, a subsidiary of Bentley Systems, at its beautiful company offices in Kennesaw, Georgia.

Joe has embarked on a journey to transform how the nuclear industry approaches the development of new power plants, as well as the management of the current installed fleet. As we were discussing the current state of the industry and the strategy that Cohesive is applying to transform it, I was impressed with Joe's passion and determination to make a difference in this highly regulated segment of the energy space. The following is a summary of our conversation as I posed specific questions to Joe.



Juan Villarreal: Joe, thanks for spending time with me today, showing me what Cohesive is up to. First, let's start with this, what do you see as the top challenges for the nuclear industry today?

Joe Klecha: The nuclear industry is facing several challenges across the life cycle of the generation asset. Let me break these challenges into three areas, Operations & Maintenance (O&M), Decommissioning and New Build.....[click here to read full article.](#)

What's happening in Ukraine provides a closer look at nuclear benefits, and gaps, too

The Ukrainian conflict has brought to light the important role of nuclear power as a significant part of a healthy power generation portfolio. It's also pointed out the challenges at hand for the nuclear fuel supply chain.

According to the US Energy Information Administration, nuclear power is the most used source for electricity production in Ukraine. Fifty-five percent of the country's electricity generation was derived from nuclear. Fossil fuels provided 37% of the electricity generated. As of May 1, Ukraine's regulator indicates...[click here to read full article.](#)

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