



Thorium Energy Alliance Travels to El Salvador Again, Updates from Copenhagen Atomics Build and Test Plans, Tritium Misinformation Needs To Be Countered with Facts and Science.

Progress on El Salvador Energy Bridge

John Kutsch recently traveled to El Salvador for another fact-gathering trip. He was met by representatives from Copenhagen Atomics in addition to the members of the Salvadoran team. The basis of this latest trip was to identify and inspect potential sites under consideration for the nuclear power generation station. "Site selection is a critical aspect of any new nuclear power system being considered. I am very excited with the potential sites we have evaluated so far and feel this has prepared us greatly in laying the groundwork for the next steps of the project," said Kutsch.

Thomas Jam Pedersen and Mads Steenberg of Copenhagen Atomics, also on hand to visit the potential sites, gave in-depth presentations on their MSR technology and how it could be integrated into the Energy Bridge plan. Copenhagen Atomics is one of the leading reactor builders in the Thorium MSR sector and is currently being vetted by the Energy Bridge team as a technology partner.



L to R: Thomas Jam Pedersen and Mads Steenberg of Copenhagen Atomics, Pablo Carranza of INE, and John Kutsch of Thorium Energy Alliance at Talnique Power Generating Station, El Salvador.

Copenhagen Atomics Plans Full-Scale Test Reactor Production

In a recent announcement, Copenhagen Atomics described their proposed pathway for developing a series of full-scale test reactors for testing and validation purposes. These reactors will precede chain reaction driven units. According to the news release, "These reactors serve different purposes and undergo gradual improvements based on lessons learned from previous platforms. The first reactor, built in 2022, is dedicated to water testing and allows us to test pumps, sensors, construction methods, operation, and software. After resolving initial issues, we developed a similar reactor for testing non-radioactive salt, utilizing a salt called FLiNaK. This FLiNaK test reactor, constructed in 2023, provided valuable insights for the design of our first thorium salt reactor, set to be tested in 2024."



Copenhagen Atomics has also posted a brief video outlining their building and testing philosophy. Watch below:



Fighting Against Tritium Falsehoods

Yet another book has been published reportedly sounding off the alarm on the human and environmental damages that tritium poses. Arjun Makhijani's recently published a book called Exploring Tritium Dangers makes multiple claims that tritium is far more dangerous than the U.S. NRC is letting on. By posing multiple dubious arguments about the dangers of low-level radiation, Makhijani fails to show much, if any, correlation between actual health effects and tritium. These misleading claims of the harmful effects of low level radiation perpetuate the public's irrational fears surrounding nuclear energy and help drive the perception that nuclear is unsafe.

For an in-depth scientific response to the falsehoods surrounding the misinformation in Makhijani's book and irrational fears from Tritium in general, please read these expertly written articles from James Conca ([here](#) and [here](#)) and [Jack Devanney's substack piece](#).

You can also watch James Conca's TEAC 11 Presentation on misleading Tritium narrative [here](#).

Social Media Intern Needed - Contact the TEA Today!

If you or someone you know would like a summer internship to coordinate Thorium Energy Alliance's social media platforms contact us today. A social media intern would support the digital media staff to develop and implement outreach and promotional campaigns to boost TEA's outreach and online presence. The duties and responsibilities include:



Email admin@thoriumenergyalliance.com to inquire for this position.

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The Thorium Energy Alliance just received another car donation! Thanks to another generous supporter for another much-needed vehicle donation. Let us know if you'd like to donate a car or other vehicle to the cause.

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So grateful to everyone who has made all of our successes a reality. 2023 is shaping up to be the best Thorium Year yet!

John Kutsch
Executive Director

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