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US nuclear tech is embarrassingly in slow motion while China's turbocharging its reactor game. Buckle up for the nuclear truth bomb – a thread 📌

Missouri Unleashes Nuclear Shockwave: Building America's Most Pow...

IN A NUTSHELL 📌 The University of Missouri is constructing the NextGen nuclear research reactor, which will be the most powerful university reactor in the U.S. 🇺🇸 A partnership with a South Korean c...

<https://www.sustainability-times.com/low-carbon-energy/missouri-unleashes-nuclear-s...>

Missouri's new 20 MW university reactor is hailed as a "nuclear shockwave." Spoiler: It's more about boosting medical isotope production for cancer treatments than a global nuclear revolution. 2/10

Across the Pacific, China is building high-temperature gas-cooled reactors, small modular reactors, and even fast breeder prototypes—leaving advanced tech in the dust while the US shows off a campus project. 3/10

China isn't just innovating—they're scaling up. With over 150 new nuclear plants planned by 2035, China is gearing for energy independence and making the US look stuck in the past. 4/10

Imagine a nuclear tech trophy case: the US champions a university reactor as its crown jewel while China designs multiple next-gen reactors that are changing the global energy landscape. 5/10

When the US parades a reactor designed for isotope production and cancer care, it's like boasting about a bicycle in a race of supersonic jets. The gap in innovation is stark. 6/10

This isn't just about energy—it's about leading in innovation and national security. While the US is busy in the nuclear basics class, China is out here writing the advanced textbooks. 7/10

From HTGRs to SMRs, fast breeders to thorium molten salt reactors, China's reactor portfolio is as diverse as it is advanced. America, are we really ready for tomorrow? 8/10

Sure, the US reactor could revolutionize cancer treatment, but when it comes to powering future economies and tech leadership, it feels like we're still in nuclear kindergarten. 9/10

The message is clear: America must speed up, invest boldly, and embrace next-gen nuclear tech—or risk watching China lead the nuclear revolution from the front lines. The race is on! 10/10