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Joining us today is Rodney Baltzer, the CEO and President of Deep Isolation Nuclear that trades on our OTCQB venture market under the ticker DBHL. Based in California, Deep Isolation Nuclear is focused on developing safe and permanent solutions for nuclear waste disposal. As interest in nuclear power continues to grow around the world, we're excited to discuss the company's technology, recent milestones, and the role it could play in supporting the future of clean energy. Rod, thanks so much for joining us today.

Rodney Baltzer

Cecilia, thanks for letting me be on.

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Absolutely. So, to start, can you provide an overview of the company and the problem you're working to solve?

Rodney Baltzer

Deep isolation takes oil and gas directional drilling technology and marries that with nuclear waste handling to permanently dispose of commercial fuel out of reactors a mile deep underground. We've got a universal canister product that safely contains that fuel, allows us to emplace it, and if we need to retrieve it out of those boreholes, all of that nuclear fuel is still stored above ground today. and this is \$155 billion dollars market as we sit. That's only going to grow as nuclear grows and we continue to produce this kind of material.

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So as countries increasingly turn to nuclear energy as part of the clean energy transition, where are you seeing the strongest demand and in certain regions, for example, and for permanent nuclear waste disposal solutions?

Rodney Baltzer

This really has been a global project and a global problem. And deep isolation is also global. What we've really seen is where Russia came into Ukraine, Eastern Europe has been really interested in energy security, so more nuclear, but also see what war does when fuel is stored above ground. And so having those disposal options, like boreholes that can be deployed where you need them in a real timely manner, as well as cost effective, really seems to be driving home a message. But we also see a lot of progress here in the U.S. The announcement recently of nuclear lifecycle innovation campuses, and five states coming forward to consider disposal in those states of spent nuclear fuel has been really encouraging and hopefully jumpstarts the U.S. projects here.

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So, what makes your approach different from traditional nuclear waste storage and disposal methods and kind of a background on how that was traditionally done?

Rodney Baltzer

It typically a power reactor has a lot of water, and they take fuel out of the core and put it into a spent fuel pool. It sits there for about five years as it cools off both thermally and radioactively. As that pool fills up, then they move it into what's called dry cast storage above ground. These are big concrete over packs that are about 18 feet tall and 10 feet in diameter, very robust. but they just sit there next to the nuclear power plants. They were supposed to be picked up for disposal. The traditional method of disposal would be a mined repository. This is a, you know, 18-foot diameter tunnel that you can literally drive a train in that's about 500 meters deep. And so that would be the traditional way. But nobody's ever actually done that. Finland will be first. They just got approval recently of their license for their mined repository. But we think, you know, boreholes being more than twice as deep at half the cost and can be constructed in a much more timely manner brings a lot of modularity this. It can also be co-located with those power generation facilities, so you don't have to transport it. So, it really opens up a lot of options for you.

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What are some of the most significant milestones for deep isolation over the past years?



Rodney Baltzer

Yeah, I mean, being able to actually be traded over the counter is one of our big milestones. We did a transaction in the middle of 2025 to actually become a public company. It took us a while to get effective and finally start trading, but we're excited to be here over the counter. And then we've also been able to do a lot of technical work. We've achieved over 100 patents now. So, we're very protected across the entire life cycle of how do you site it, build it, monitor it over the long term, and then close it permanently to seal it off from the surface. And that technical work has really driven home kind of the progress we've made and some of the perception in the industry of can you use boreholes and is that a valid technique? and I think a resounding yes is coming out of that.

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And looking ahead, what are you looking forward to for the remainder of 2026 and the upcoming 2027 year?

Rodney Baltzer

We kicked off a full scale at depth demonstration, and we look forward to that progressing. We've ordered our long lead items. So, we're starting the process to drill that first hole early next year. And along with that, we'll also be able to progress some of our customer work that we're doing related to reprocessed waste streams and our universal canister system. So, these are all great milestones as we progress.

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Well, it's been a pleasure to speak with you, and we look forward to catching up again soon on the developments. And so, thanks so much for talking with us, Rod.

Rodney Baltzer

Thank you for having me. And if anybody has more questions or comments, they can always go to our website, deepisolation.com or our YouTube channel.

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Deep Isolation Nuclear, Inc.
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Wonderful. Deep Isolation Nuclear trades under the symbol DBHL on our OTCQB venture market.