Deep Isolation Nuclear, Inc.

July 15, 2026

Dear Shareholders,

This week marks an important milestone for Deep Isolation Nuclear Inc. ("Deep Isolation"), with our shares now quoted on the OTCQB Venture Market for the first time. On behalf of our entire team, I want to thank you for your confidence in our vision. As we enter the public markets, we are grateful to have you with us for this next chapter of growth and execution.

When we founded Deep Isolation ten years ago, we set out to help solve one of the world's most pressing challenges: the safe, permanent disposal of nuclear waste. Our mission has never been more critical, relevant, or timely.

A Year of Remarkable Progress

We believe that the last 12 months have been transformational for Deep Isolation. We advanced from research and development toward commercial readiness, achieving milestones that we believe position us as an innovator in nuclear waste disposal technology. These included:

Technology Leadership – We advanced our Universal Canister System (UCS), which is engineered to support integrated storage, transportation, and eventual disposal of spent fuel and high-level radioactive waste from legacy and advanced reactors. Supported by over $7 million in U.S. and UK government grants funding, the UCS is designed to handle both today's spent nuclear fuel and tomorrow's advanced reactor waste streams, reducing the need for costly repackaging. We also crossed the 100-patent threshold, reinforcing the intellectual property foundation that protects our technology and supports our long-term competitive position.

Strategic Relationships – We strengthened our supply-chain ecosystem with relationships involving NAC International and Amentum, entered into a technology licensing agreement with Navarro Research and Engineering, and kicked off new strategic collaborations with Halliburton and Occlusion Nuclear Solutions. These relationships are intended to support potential deployment of our solution at industrial scale.

Global Recognition – We deepened engagement with governments and international institutions, including a feasibility study in Bulgaria funded by the U.S. Trade and Development Agency. We continued providing expert services at the Waste Isolation Pilot Plant.

Capital Strength – We completed our transaction to become a publicly reporting company and completed an oversubscribed $33 million private offering, providing access to public capital markets and a balance sheet potentially capable of supporting our deployment at scale. Quotation of our shares on the OTCQB Venture Market is the culmination of that process.

Most recently, Deep Isolation was selected as the first nuclear industry company to participate in the U.S. Department of Energy's ARPA-E SCALEUP Ready program. We are advancing through the contracting phase for funding of up to $20 million to support our Cameron, Texas demonstration project.

The Opportunity Ahead

New milestones and opportunities are continuing in 2026 and beyond. The potential market opportunity for permanent nuclear waste disposal is significant. Based on existing spent nuclear fuel alone, we estimate a total addressable market of approximately $155 billion. With new nuclear capacity expected to triple by 2050, that market grows to approximately $295 billion. These estimates are based on Deep Isolation's analysis using data from the International Atomic Energy Agency (IAEA), U.S. Energy Information Administration (EIA), U.S. Department of Energy (DOE), World Nuclear Association (WNA), Amentum, and the Deep Isolation Financial Model. Although the timing and development of that market, including the U.S., will depend on customer demand, regulatory developments, policy decisions, and other factors. But this is not just about market size – it is about helping to address a critical problem that has constrained nuclear expansion for decades. We believe a credible, scalable disposal solutions will be important in supporting the long-term role of nuclear energy.

Our Second Half 2026 Milestones

During 2026, we have taken significant operational and commercial steps forward. In January, we launched a full-scale, at-depth, non-radioactive demonstration borehole repository in Cameron, Texas, in collaboration with the Deep Borehole Demonstration Center, Halliburton, Amentum, NAC International, and Occlusion Nuclear Solutions, with first emplacement of full-size UCS canisters at kilometer-plus depth now targeted for second quarter 2027. This demonstration is expected to serve as a tangible proof point for customers and regulators regarding the potential safety and feasibility of our approach.
In the months ahead, we:

- Look to finalize our ARPA-E SCALEUP Ready contract to support the full-scale demonstration and begin site construction activities and delivery of long-lead items for the start of operations in Cameron, TX
- Anticipate commencing formal regulatory engagement with the NRC and at least one other international regulator and pursuing a Nuclear Regulatory Commission (NRC) licensing for our UCS via a Certificate of Compliance
- Expect to further advance our commercial deployment strategy for integrated nuclear waste management, including turnkey disposal solutions for government waste management organizations
- Will continue to build our technical, legal, and commercial capabilities to pursue significant contract opportunities

Why Deep Isolation Stands Apart

The foundation of our story is the uniqueness of what we are doing. By adapting proven directional drilling technology from the oil and gas industry, we are advancing a new approach to geologic disposal that may reduce the need for massive underground mining projects and could decrease disposal costs by up to 70% compared to traditional repositories, if successfully commercialized.

We have protected this innovation with over 100 patents covering the full lifecycle of borehole disposal. We have invested a decade in the underlying science supporting the potential safety of our approach, and built partnerships across nuclear and oil and gas supply chains to support potential execution at industrial scale.

Most importantly, our technology is being designed not only for today's light water reactor waste, but also for advanced reactor technologies and recycling processes that may help define nuclear energy's future.

Looking Forward

As your shares begin trading on OTC Market, I want you to know that we approach this new phase with both excitement and responsibility. We believe that we have the technology, partnerships, regulatory strategy, and capital resources to continue advancing our mission, while recognizing that commercialization remains subject to customer demand, regulatory approvals, project execution, financing, and other risks. The world needs credible, scalable solutions for nuclear waste disposal, and Deep Isolation is focused on helping to provide them.

As demand for nuclear energy grows, so does the need for credible, scalable waste disposal solutions. With your continued support, Deep Isolation is focused on helping address that need and supporting the long-term growth of clean, reliable nuclear power.

Thank you for being part of this journey and we look forward to moving forward together.

Sincerely,

Rod Baltzer
President & Chief Executive Officer
Deep Isolation Nuclear, Inc.