EnergyX Goes Nuclear

Launching Its Advanced Nuclear-Grade Materials Technology Platform

AUSTIN, TEXAS – January 22, 2026 – Energy Exploration Technologies, Inc. (EnergyX), a leading innovator in advanced battery material technologies and production, today announced the launch of NUKE-it™, the company's nuclear materials technology platform. Focused on producing nuclear-grade critical materials including lithium isotopes and high-purity lithium compounds, the new initiative is designed to develop advanced technologies to support next-generation nuclear energy reactor supply chains also including uranium and thorium materials production.

NUKE-it™ marks EnergyX's formal entry into the nuclear materials sector, positioning the company as a future domestic supplier of critical lithium isotopes required for both fusion and fission reactors. Specifically under the technology platform, EnergyX is developing 15% enriched Lithium-6 (Li-6), a critical element for tokamak fusion reactors, as well as highly purified 99.999% Lithium-7 (Li-7) for fission-based thorium molten salt reactors (MSRs). Uranium and thorium technology and production are planned to follow. These initial nuclear-grade lithium salts will be engineered for reactor-grade performance.

This expansion is a natural extension from EnergyX's proprietary GET-Lit™ DLE technology suite of lithium extraction, refining, purification, material conversion, and production capabilities. Several of the underlying technologies in GET-Lit™ have similarities and are being applied to nuclear lithium isotope production, addressing a growing supply gap for high spec nuclear materials. The platform aligns with U.S. clean energy, industrial resilience, and national security priorities, including efforts to strengthen domestic supply chains for critical materials required in advanced energy systems

"EnergyX has always been focused on developing technologies to produce advanced materials for the energy transition," said Teague Egan, Founder and CEO of EnergyX. "Nuclear energy is one of the most important opportunities of the century to enable the clean energy transition and deliver clean, sustainable, immense, "always-on" power, especially as electricity demand accelerates from data centers and the AI revolution. EnergyX's NUKE-it™ technology platform is a natural expansion of our existing capabilities, ongoing R&D, and team's experience. This move fits neatly within our mission to help power the clean energy economy and secure domestic critical material supply chains."

At a time when governments, utilities, and technology companies are increasingly focused on firm, clean power sources to meet rapidly rising electricity needs for Artificial Intelligence, LLM training, data centers, and even physical AI humanoids, EV's and utility scale grid storage, nuclear is becoming the only clear option. Electricity demand is projected to grow sharply over the coming decade to hundreds of GWh's, and nuclear is increasingly viewed as a durable

solution for clean baseload generation, grid stability, and long-duration energy resilience. However the materials supply chain lacks behind.

Fusion developers require long-term access to enriched Li-6 for tritium breeding applications, while molten salt reactors depend on highly purified Li-7-based coolants such as FLiBe and FLiNaK to achieve low neutron absorption and high thermal stability. Large volumes of those materials don't exist. National laboratories and reactor developers rely on ultra-high-purity lithium salts for system validation, fuel-cycle research, and reactor benchmarking.

EnergyX's NUKE-it™ platform is designed to meet stringent purity, performance, and supply chain requirements that traditional lithium suppliers are often unable to support. The company is also working on innovations around uranium and thorium extraction, processing, and refining to further support nuclear reactor companies. EnergyX is pursuing multiple provisional patents covering advanced purification and isotope separation pathways designed to reduce hazardous chemistry, improve consistency, and lower production costs.

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