



# Energy solutions oak ridge

The Special Topic aims to present the latest advancements in both technical innovations and a wide range of applications, highlighting the versatility of muography across various fields. Topics include innovations in muon ...

Researchers at the US Department of Energy (DOE)'s Oak Ridge National Laboratory (ORNL) are developing a nuclear reactor core using 3D printing. As part of its Transformational Challenge Reactor ...

The world is looking for clean, reliable, and secure sources of energy. And no region in the country is better positioned to lead the way than ours. The Oak Ridge Corridor is not just a ...

Note: Sample data provided. ? The Outage Data Initiative Nationwide (ODIN) seeks to establish a comprehensive digital reporting standard for power outage data and to enable utilities and others to exchange data ...

Spent nuclear fuel from the High Flux Isotope Reactor (HFIR) at Oak Ridge National Laboratory in Tennessee is sent to SRS to be processed for eventual disposal. HFIR is the highest flux reactor-based source of neutrons for ...

The Department of Energy's Oak Ridge National Laboratory and artificial intelligence company Atomic Canyon signed a memorandum of understanding to streamline the licensing process for nuclear power plants with artificial ...

Santa Clara, Calif. & Denver, Colo. - Oklo Inc. (NYSE: OKLO) ("Oklo"), an advanced nuclear technology company, and Liberty Energy Inc. (NYSE: LBRT) ("Liberty"), a leader in innovative energy services and technologies, launched ...

The United States is chasing a new age of nuclear power that banks on domestic production of reactor fuel like X-energy is making, and though the work at Oak Ridge is unfolding across just ...

DOE has selected four sites--Idaho National Laboratory, Oak Ridge Reservation, Paducah Gaseous Diffusion Plant and Savannah River Site--to move forward with plans to invite private sector partners to develop cutting edge AI data ...

OAK RIDGE, Tn., April 23, 2024 - X Energy, LLC ("X-energy") has been awarded a \$148.5 million tax credit for the construction by its wholly-owned subsidiary, TRISO-X LLC ("TRISO-X"), of a first-of-a-kind advanced nuclear ...



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