



Raisun | Nuclear Energy + AI Newsletter

Letter from the Founders

Every week the headlines sound the same: AI is surging and the pressure on nuclear to provide reliable, carbon-free baseload has never been higher. Meanwhile, utilities, operators and engineering teams are facing tighter budgets, legacy systems, workforce gaps and escalating regulatory demands.

Here's our view:

- **AI needs nuclear.** Massive compute, data centers and digital infrastructure require a foundation of steady, trusted energy.
- **Nuclear needs AI.** The plants, systems and operations that power the grid demand smarter workflows, safer maintenance and fewer surprises.
- **This is the moment.** Whoever brings these two capabilities together, AI and nuclear, first will shape the future of energy.

At Raisun, we believe that combining AI and nuclear isn't theoretical. It's practical, urgent, and entirely within reach. We're the world's only consultancy focused exclusively on helping nuclear-industry leaders integrate advanced AI, with the domain expertise, engineering rigor and operational insight that comes from working inside the plants.

We've built roadmaps, solved real problems and partnered with utilities, regulators and technologists to bring AI into nuclear in a trusted, compliant way. Our role isn't just advising—it's delivering results, aligning strategy with systems, people and safety culture.

If you're gearing up for your 2026 strategy and want to move from "could" to "can," we should talk.

— The Raisun Founders

Ready to talk, let's meet.

Momentum in the Field

Where Nuclear and AI Are Coming Together

Texas Power Play: A Nuclear Campus Built for AI

The next frontier of power economics is here: a site in the Texas Panhandle — led by Fermi America LLC — will develop a large-scale energy campus near Amarillo that integrates four large reactors, solar, batteries and natural gas to serve the world's next-gen AI, data center and semiconductor demands. [Source](#)

This isn't a grid expansion project—it's a purpose-built, behind-the-meter infrastructure platform designed to deliver **11 GW of reliable clean energy**, co-located with advanced computing. [Source](#)

Raisun Take:

Texas is showing what happens when nuclear power is designed not just to generate electricity—but to power digital transformation.

This is exactly the kind of strategy we help utilities and operators build:

- aligning nuclear generation,
- AI workloads
- real-world operational readiness.

If your AI roadmap isn't tied to generation itself, you're missing the foundation.

[Read the article](#)

Nuclear — The Cornerstone of Security and Sovereignty

As digital economies grow and energy security becomes a global concern, nuclear power has returned to center stage.

Power Magazine explains how nuclear energy is becoming the foundation for national stability, supporting AI workloads, data centers, and advanced manufacturing.

Raisun Take:

AI depends on trusted, steady, and secure energy. Nuclear delivers that better than anything else.

At Raisun, we help utilities and governments connect AI strategies with nuclear reliability to make sure innovation strengthens security instead of putting it at risk.

[Read the article](#)

Westinghouse & the \$80 Billion Nuclear Deal for AI-Scale Power

Westinghouse Electric Company, together with Brookfield Asset Management and Cameco Corp., has entered into a landmark partnership with the U.S.

Government to deploy **at least \$80 billion** of new reactor capacity—built with AP1000 technology—to support the surging power demands of AI, data centers and digital infrastructure. [Source](#)

Raisun Take:

This deal illustrates the shift we've been talking about—nuclear stepping into the mainstream of digital infrastructure.

At Raisun, we help utilities translate these macro trends into practical, operational strategies: how to deploy AI in nuclear operations, how to align licensing, workforce, safety and business value so that AI and nuclear work together.

[Read the article](#)

The scale is historic: build-out at this level signals that nuclear is re-emerging not as a niche but as a keystone to national energy and compute strategy.

The Raisun View

AI is forcing nuclear to move faster and nuclear operations are leaning on AI to stay competitive. These two forces together create new opportunity, if you have the right partner.

We've seen what truly works inside control rooms, outage planning, licensing cycles and executive strategy sessions. That's why Raisun exists—to be the partner utilities and nuclear operators rely on to make AI integration not an experiment but a core capability.

We don't talk about AI in the abstract. We align strategy, technology, workforce and regulation to deliver measurable outcomes inside nuclear environments.

We're **Raisun, the world's only AI + Nuclear consultancy**. If you're ready to move past the buzz and build a nuclear-AI roadmap that actually executes, let's connect.

Schedule a meeting, today!



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