



RTS | Nuclear Energy + AI Newsletter

Discussion around artificial intelligence and nuclear energy continues to accelerate. New investments, policy proposals, and pilot projects appear weekly. At the same time, utilities and suppliers are being asked to adopt AI while enabling and supporting their workforce, managing regulatory scrutiny, and delivering complex work on schedule.

RTS was built by people who have lived those realities. Our AI-native approach spans nuclear AI research, AI-managed services that support workforce enablement, and advisory services focused on practical change management. We use AI to reduce effort, shorten cycles, and help teams deliver work that holds up under nuclear standards.

Ready to talk, let's meet.

RTS RESEARCH: WHAT THE DATA SHOWS

Our research reflects what utilities and suppliers are facing right now.

AI and Nuclear Energy: Global Insights from the IAEA Symposium

Global alignment exists on the importance of AI. Execution models remain uneven.

Workforce Realities in an AI-Enabled Nuclear Industry

AI adoption succeeds only when it reduces workload and preserves institutional knowledge.

Strengthening the Nuclear Supply Chain with AI Intelligence

Supply-chain readiness remains the critical path for nuclear delivery.

Momentum in the Field:

Industry Signals and the RTS Perspective

Why Domain-Specific AI Matters

EPRI shows domain-specific AI outperforms general-purpose models in the power sector.

Raisun Take:

Generic AI increases risk. Domain-trained AI enables trust and adoption.

[Read the Article](#)

Atomic Canyon and ORNL Demonstrate Nuclear AI

AI developed on ORNL's Frontier supercomputer improves document management at Diablo Canyon.

Raisun Take:

Document workflows remain one of the highest-value AI use cases in nuclear power.

[Read the Article](#)

How Accurate Are AI Energy Demand Projections

Podcast guests question whether AI-driven demand forecasts are overstated and highlight the mismatch between rapid AI cycles and long-term power investment.

Raisun Take:

AI demand may grow or not, but nuclear planning must withstand decades of uncertainty. Scenario-based planning matters more than headlines.

[Listen to the Podcast](#)

National AI Regulation Meets State-Level Energy Pressure

Federal and state leaders debate how AI growth impacts ratepayers.

Raisun Take:

Policy will evolve. Operations continue. AI adoption must proceed in compliant, practical ways.

[Read the article](#)

Aalo-X Test Reactor Advances with AI Tools

Aalo Atomics and Microsoft apply AI to permitting and manufacturing for the Aalo-X reactor.

Raisun Take:

AI works best when it supports regulatory and operational workflows without replacing judgment.

[Read the Report](#)

AI Lights the Way for Nuclear Projects

AI-driven planning tools help teams model schedules and supply chain risk.

Raisun Take:

AI makes risk visible earlier, protecting schedules and budgets.

[Read the Report](#)

The RTS View

RTS focuses on work that reduces burden, accelerates outcomes, and stands up to regulatory scrutiny. Our AI-native services are designed to move fast, support staff, and deliver value on time and on budget.

Nuclear organizations do not need more commentary. They need progress they can defend.

Schedule a meeting, today!



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