



Build
Faster

VALAR ATOMICS

NUCLEAR ENERGY PRODUCTION



Your industry structure solution, engineered and manufactured by Sprung Structures



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About The Project

THE CLIENT

Valar Atomix is a nuclear energy start-up focused on advancing nuclear power for heavy industry and clean hydrocarbon fuel production. By overseeing every stage of reactor design, construction and operation, Valar is developing a new approach to delivering scalable, reliable energy infrastructure that supports the growing demand for industrial power, hydrogen and low-carbon fuels.

valaratomics.com

THE ASK

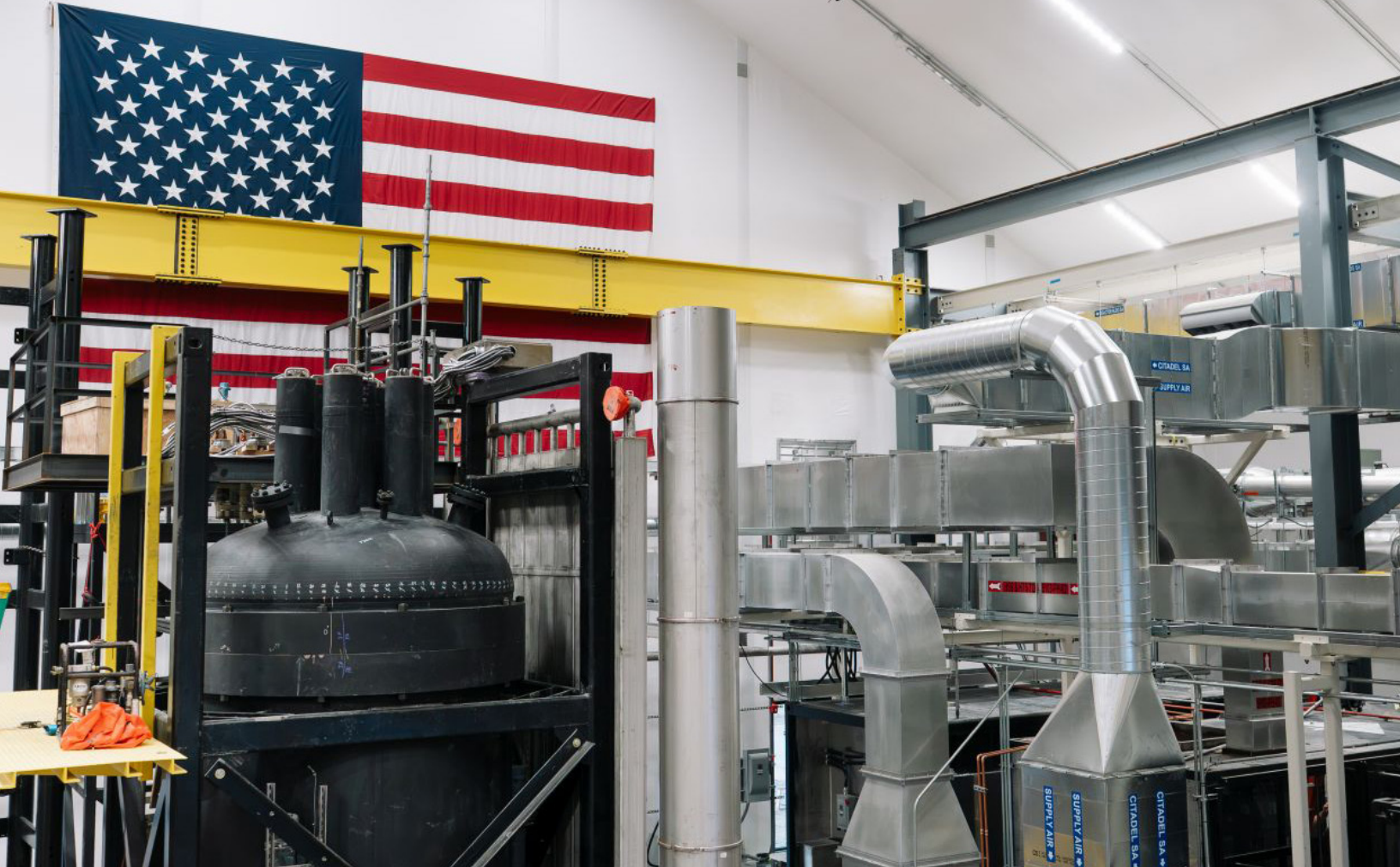
In 2025, President Donald Trump called on American companies to bring at least three experimental nuclear reactors online by July 4, 2026, as part of a broader effort to strengthen U.S. energy security, accelerate advanced nuclear technology and expand reliable, domestic power generation. Working toward that ambitious goal, Valar Atomix needed two rapidly deployable, clear-span structures at its Utah test site—one to house its Reactor Complex and another for its Fuel Labs. The facilities also needed to provide durable, adaptable space that could support the company's evolving research, testing and fuel production activities.



Nine months ago, this was an empty site. Today, there's a critical reactor on it, built and operated by the Valar team. We met the milestone the executive order set. This reactor was built to make power, and that's exactly where we're headed."

— Isaiah Taylor, Founder & CEO of Valar Atomix





HOW SPRUNG DELIVERED

Sprung designed and delivered two purpose-built structures totaling more than 45,000 square feet for Valar Atomics' Utah test site. Installed in less than seven months, the structures can hold negative pressure and feature clear-span interiors that provide unobstructed space for specialized equipment (including a large gantry crane) and evolving operations. Rolling service doors and multiple personnel entrances allow for efficient movement of materials and staff, while glazing walls maximize natural light, creating a brighter, more productive work environment.

Delivered on an accelerated schedule in order to meet Valar's July 4 deadline, the structures supported the company as it brought one of the first small-scale nuclear reactors (outside of research labs) online in the United States in nearly 50 years.

THE SPECS

Reactor Complex:

120' wide x 90' long | Rolling service doors
Three personnel doors | Glazing walls
On top of a 5' base with 5' leg extensions

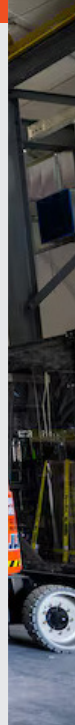
Fuel Labs:

140' wide x 250' long | Two rolling service doors
Glazing walls | Eight single doors
Double personnel doors



CLICK HERE TO WATCH
SPRUNG VIDEO







About Sprung

Sprung Structures provides rapid-response buildings to a wide range of leading businesses and organizations including global armed forces, the natural resources industry, the manufacturing, commercial gaming and education sectors, disaster recovery, healthcare and aviation, as well as to the sports and recreation industry. Our patented tensioned membrane technology outperforms other building alternatives with a faster, better build.

Sprung Advantage

You can trust us to design and manufacture your facility with speed and quality that will exceed your expectations. Our clients demand it, our history proves it. In business since 1887, Sprung has completed over 12,000 structures in more than 100 countries.



Photo Credit Valar Atomics/Xan Doane



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**SPRUNG
STRUCTURES**

**RAPID CONSTRUCTION
FLEXIBLE DESIGN
PERFORMANCE AND DURABILITY
REDUCED OVERALL COSTS**

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