

Radiant Overview & Perspective

Leveraging a DOE authorization in NRC licensing and pre-application engagement

July 2026



Radiant Industries, Inc.

Entire company focused on one mission



A strong team built over six years

200+

Employees: former SpaceX, Naval Reactors, and National Labs

85%

Of the team focused on engineering, supply chain, and manufacturing

\$575M

Funding raised to date

64K

Square feet of R&D and manufacturing at El Segundo, CA HQ

300K

Square feet of manufacturing under construction in Oak Ridge, TN





Kaleidos: easy, fast, behind the meter power

Convenient Footprint

- 1,500 ft² required per reactor
- Fenceline and shielding allow for public-adjacent operation

Co-Generation

- Co-generates heat which can be used for building HVAC or other industrial processes

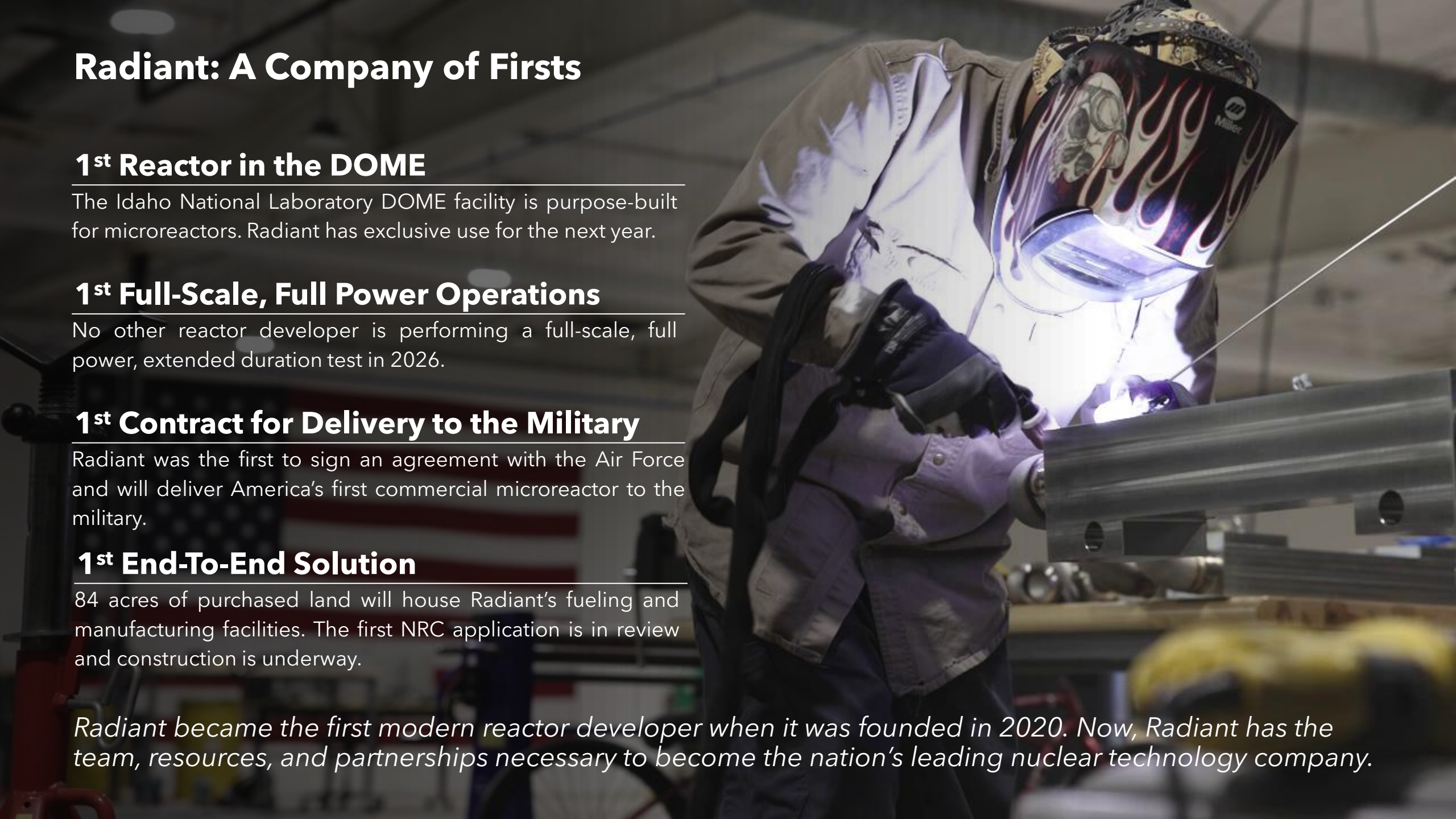
Zero On-Site Waste

- Reactors retrieved for refueling every 5 years
- All work done off-site

Return to Greenfield

- After 20 years of operations, Kaleidos is retrieved for the last time
- Customer site returns to greenfield within two years

Radiant: A Company of Firsts



1st Reactor in the DOME

The Idaho National Laboratory DOME facility is purpose-built for microreactors. Radiant has exclusive use for the next year.

1st Full-Scale, Full Power Operations

No other reactor developer is performing a full-scale, full power, extended duration test in 2026.

1st Contract for Delivery to the Military

Radiant was the first to sign an agreement with the Air Force and will deliver America's first commercial microreactor to the military.

1st End-To-End Solution

84 acres of purchased land will house Radiant's fueling and manufacturing facilities. The first NRC application is in review and construction is underway.

Radiant became the first modern reactor developer when it was founded in 2020. Now, Radiant has the team, resources, and partnerships necessary to become the nation's leading nuclear technology company.

Radiant is the only company testing at Full Scale

Radiant is proving out the full-scale prototype in 2026 and building the first customer unit in 2027



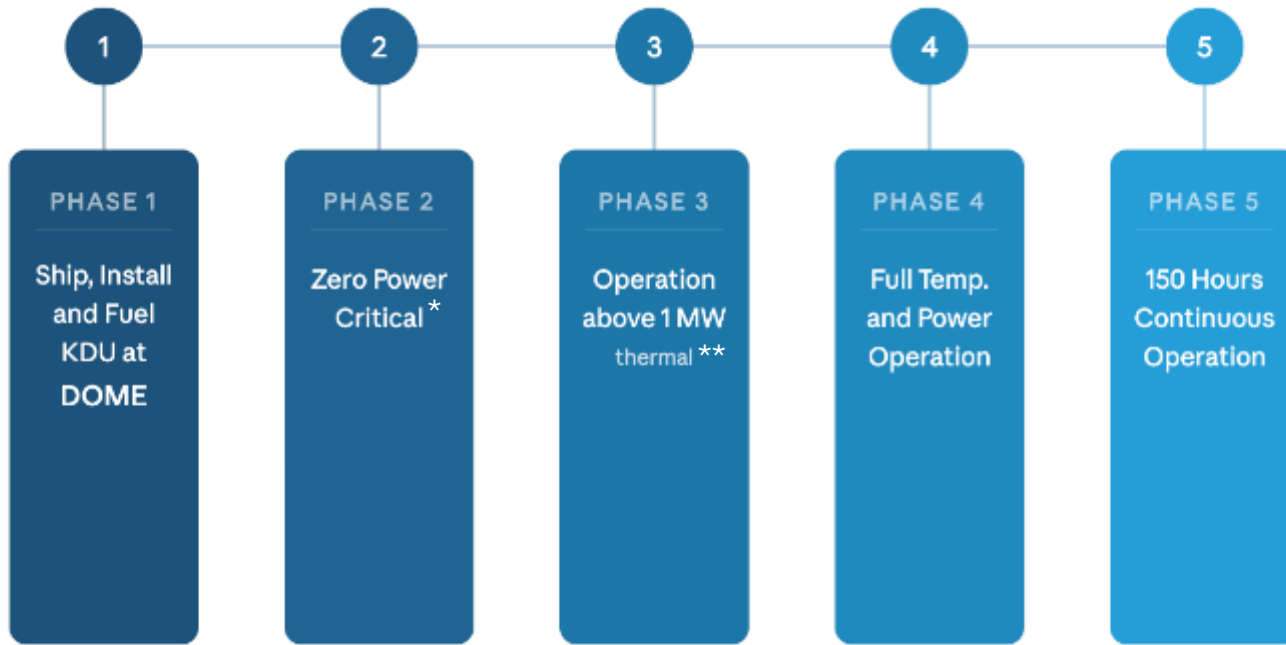
Full scale prototype under assembly at Radiant's El Segundo, CA headquarters.



White House CTO Ethan Klein and Secretary of the Air Force Dr. Troy Meink visiting Radiant HQ.

Fully de-risking the product in 2026

Radiant is performing a full-scale, full power reactor test at the Idaho National Laboratory DOME facility – the most extensive test of 2026.



* Most reactor developers are performing subs-scale, zero power criticality experiments.

** No other reactor developers will be generating over 1 MW thermal power.

Validating reactor physics is only the second phase of Radiant's test plan. Full power, long duration testing validates the rest of the system.



Deploying at DOME, preparing for operations



Radiant setting up at the Idaho DOME for our prototype campaign

First and only microreactor company working to fuel our own reactors, under Part 70 review by the NRC



Construction of Radiant's Oak Ridge, TN facility is underway, 6 days/week.



Radiant's fueling facility will be complete by early 2027 under NRC license.



Radiant's full scale manufacturing site at the same Oak Ridge, TN campus.

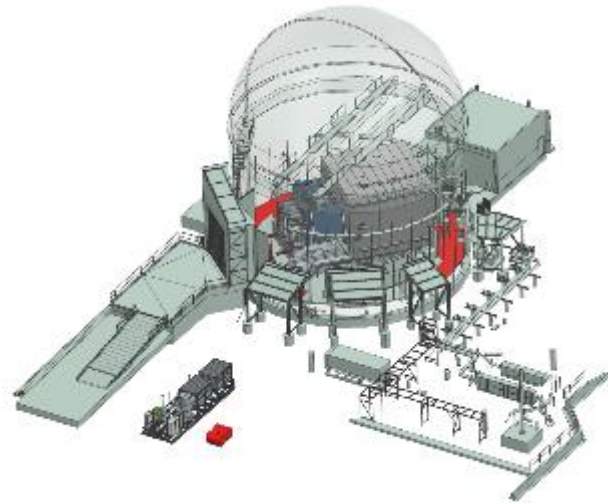


The completed 300k ft² factory will be commissioned in 2028.

Radiant will be first to power customers

Radiant is on-contract to deliver power to Buckley Space Force Base in early 2028

2026



First to go full power

2028



First to turn on at customer

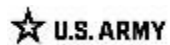
2028+



Fastest to achieve scale



U.S. AIR FORCE



Air Force: Radiant selected by Air Force to be America's first microreactor at a military installation.

Army: Radiant competing for U.S. Government's marquee 2026 nuclear program. Winner announcement expected imminently; selection would bring Radiant success in both major U.S. Government nuclear programs.

Commercial: Multiple commercial agreements in late-stage negotiations. Executed pre-order agreement with Equinix, a world leader in digital infrastructure, to purchase 20 units (incl. deposits).

Kaleidos Dual Licensing Pathway: DOE Authorization & NRC Licensing Plan for KV1





Appendix

The leadership powering Radiant's next chapter

Built by proven leaders. Positioned for growth.



Doug Bernauer
Chief Executive Officer



Victoria Shivanandan
President & COO



Ale Palma
Chief Financial Officer



Dr. Mike Starrett
Chief Revenue Officer



Dr. Rita Baranwal
Chief Nuclear Officer

Board of Directors



Adam Draper
Managing Director
Boost VC



David Ulevitch
General Partner
Andreessen Horowitz



Fred Wilson
Partner
Union Square Ventures



Dr. Rachel Slaybaugh
Partner
DCVC



Luis Alcoser
GM, Future Energy Fund
Chevron Technology Ventures



Steve Burns
Former NRC Commissioner
16th Chairman of the NRC



Kaleidos - deployable resilient power.

Quick to Install

Requires no buildings or civil works, and no standoff beyond the operational shield. Reactor is passively safe and uses TRISO, an inherently safe fuel form.

Flexible & Secure

Can operate at down to 30% electric output to conserve fuel. Capable of grid-forming operations air-gapped from underlying grid instability or cyberattack.

Survivable & Mobile

Multi-modal mobile and capable of being stationed in hardened shelters or facilities.

Scalable Force Multiplier

A single 1 MW reactor contains approximately 2 million gallons of diesel equivalent per fueled core (13 *USNS John Lewis*-class oiler trips across Pacific).

Nuclear that can't melt or leak.

The protective coating of TRISO fuel tolerates 1,600°C, preventing the release of radioactive material.

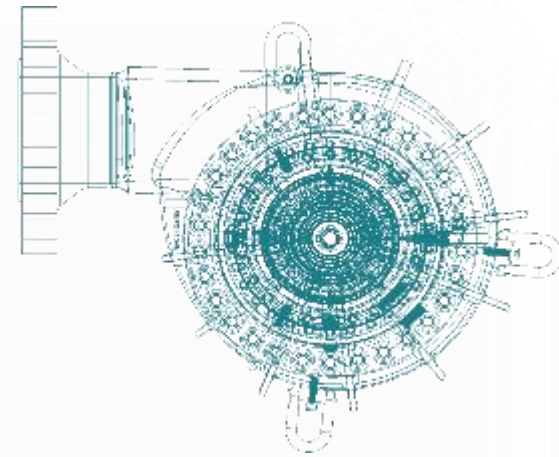


Meltdown-proof

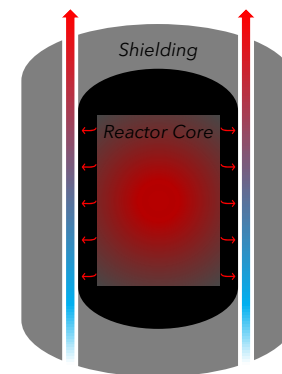
Gas coolant does not become radioactive and safely dissipates into the atmosphere in the event of a leak.



Leak-safe



In the event of loss of power, reactor simply shuts down and cools-off.



Power failsafe