NUCLEAR, BUILT IN NATRONA COUNTY



Radiant is building an advanced manufacturing facility to mass-produce nuclear microreactors. We'd be excited to make Natrona County our home and partner with Wyoming to revitalize the American nuclear industry.



2026 (1-10 jobs) Begin factory construction (70+ acre property).



2028 (75 jobs) \$100MM+ factory construction complete & first reactor delivered.



2035 (250 jobs) \$150MM+ total capital invested to scale to 50+ Kaleidos units per year.

FACTORY OPERATIONS

- 1. New reactors assembled, fueled, and tested.
- 2. Reactors shipped back to factory for maintenance and refueling.
- 3. Spent fuel securely stored above ground in concrete casks.

Role (Percentage of Workforce)	2028	2035
Machinists	10%	15%
Mechanical Engineers	10%	10%
Nuclear Technicians & Engineers	10%	14%
Electromechanical Technicians	5%	15%
Quality Assurance Technicians	5%	15%
Shipping & Receiving Clerks	5%	10%

INVESTING IN COMMUNITY

At Radiant, we believe in the power of community. We've stayed in the same Southern California town since our inception, and continue to grow there today. When it comes to our factory in Wyoming, we would be committing to a multi-decade relationship with the community, which means investing in local talent, organizations, education programs, and events.



Our team continues to grow, with just under 80 employees today.



Radiant partners with T3 Alaska to engage with students interested in STEM.

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NUCLEAR, BUILT IN NATRONA COUNTY





REACTOR SPECIFICATIONS

Electric Power: 1MW, 480V 3P Heat: 1.9 MW Transport: Land, Air, or Sea Size: 70 ton 11' x 11' x 35' container Startup Time: 48 hours to full power Life: 20 years, 5 years per core

CUSTOMERS

Defense Data Centers Oil and Gas Mining Remote Communities EV Charging Radiant has raised \$160MM in funding and already has 25+ reactors committed for production.

REACTOR TRANSPORT & FUEL STORAGE

- Radiant has an inherently safe reactor design that is significantly smaller than most other reactors.
- Radiant will store spent fuel in dry cask storage that is built to withstand water immersion, fires, high impact crashes, 30' drops, etc.
- Zero injuries in over 25,000 shipments of spent nuclear fuel worldwide since the '60s.



A single dry cask can hold 20% of a 1 GW reactor core, or many Radiant reactor cores.



Radiant is on track to test its prototype reactor at Idaho National Laboratory in 2026. This will be the **first fueled operation of a new reactor design in over 50 years.**

Render of the Kaleidos Development Unit prototype reactor being delivered to INL

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