

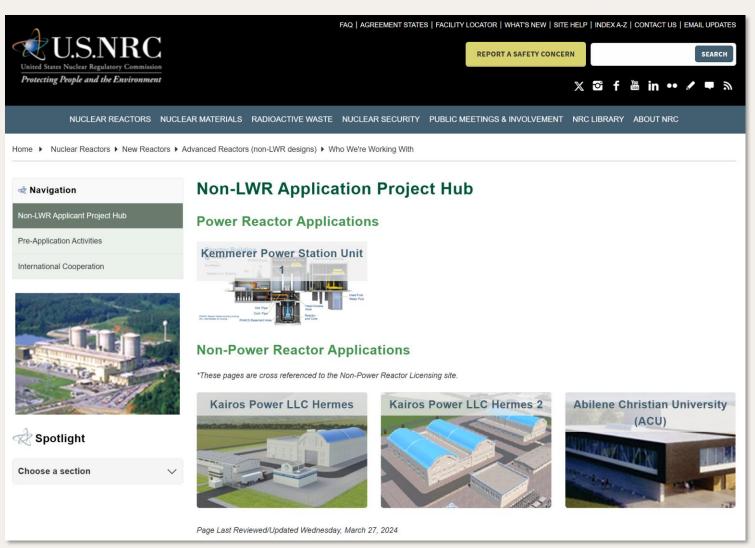
50+

advanced reactor companies and/or technologies currently under development worldwide 13

advanced reactors currently in preapplication engagement with the NRC 3

advanced reactors technologies in the "NRC Non-LWR Application Project Hub" 2

advanced reactors technologies with approved construction permits from the NRC

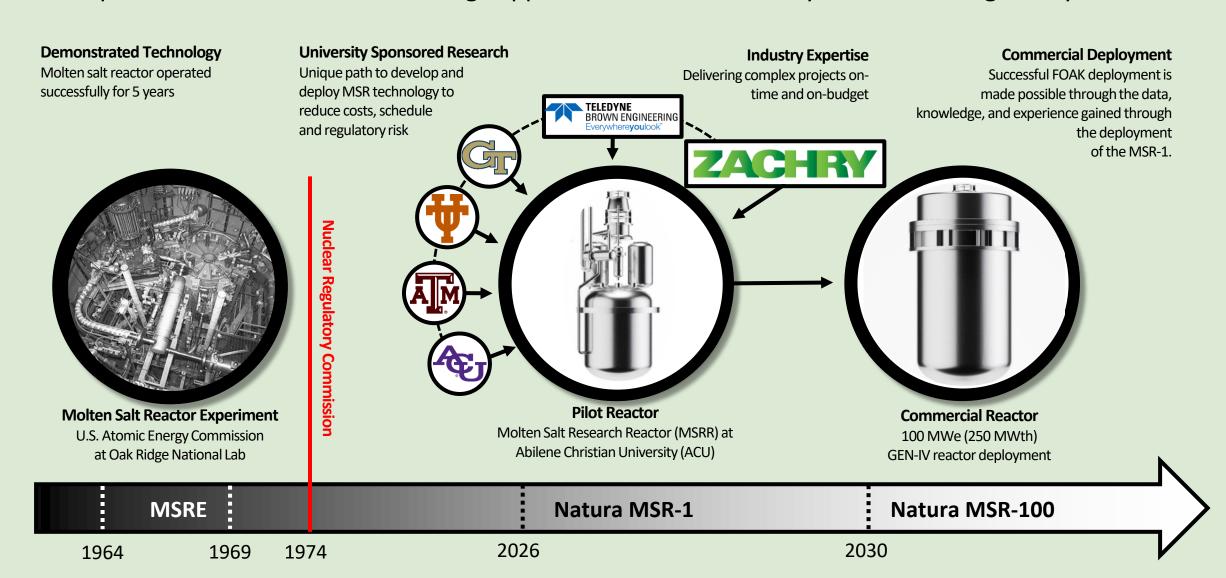




- Advanced reactor developer headquartered in Abilene, TX committed to answering the world's increased demand for reliable energy, medical isotopes and clean water by developing commercially deployable molten salt reactors.
- Natura's liquid-fueled molten salt reactor systems are designed for assembly line manufacturing and modular installation on site.
- The Natura MSR-1 will be deployed at Abilene Christian University as a university research reactor.
- The Natura MSR-1 is the first liquid-fueled advanced reactor design to receive a construction permit from the NRC.
- Natura MSR-100 design and pre-application engagement is underway.



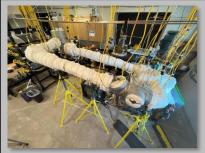
1st liquid-fueled advanced reactor design approved for construction by the Nuclear Regulatory Commission



#### Research & Development: Molten Salt Loops



Molten Salt Test Loop (MSTL)	
Salt	Nitrate
Temp.	<200°C
Volume	~ 5 gal.



l		Fluoride Molten Salt Test Loop (FMSTL)	
	Salt	FLiNaK	ı
	Temp.	~ 700°C	ı
	Volume	~ 5 gal.	ı



Molten Salt Test System (MSTS)		
Salt	FLiNaK	
Temp.	~ 700°C	
Volume	~ 50 gal.	

#### Pilot: Natura MSR-1



SCIENCE & ENGINEERING RESEARCH CENTER

COMPLETED AUGUST 2023



U.S. NUCLEAR
REGULATORY
COMMISSION
CONSTRUCTION
PERMIT
SEPTEMBER 2024



NATURA MSR-1 DETAILED DESIGN

ZACHRY NUCLEAR MAY 2025



#### Commercial: Natura MSR-100





ENGINEERING & DESIGN

Design one Build many



#### **LICENSING**

6-Month site approvals with Standard Design Cert.



## CONSTRUCTION & DEPLOYMENT

Achieve NOAK cost reductions after 2-3 reactor deployments







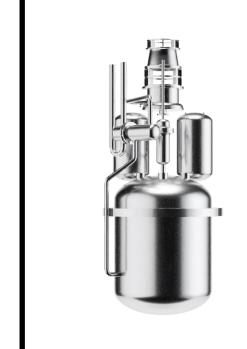






























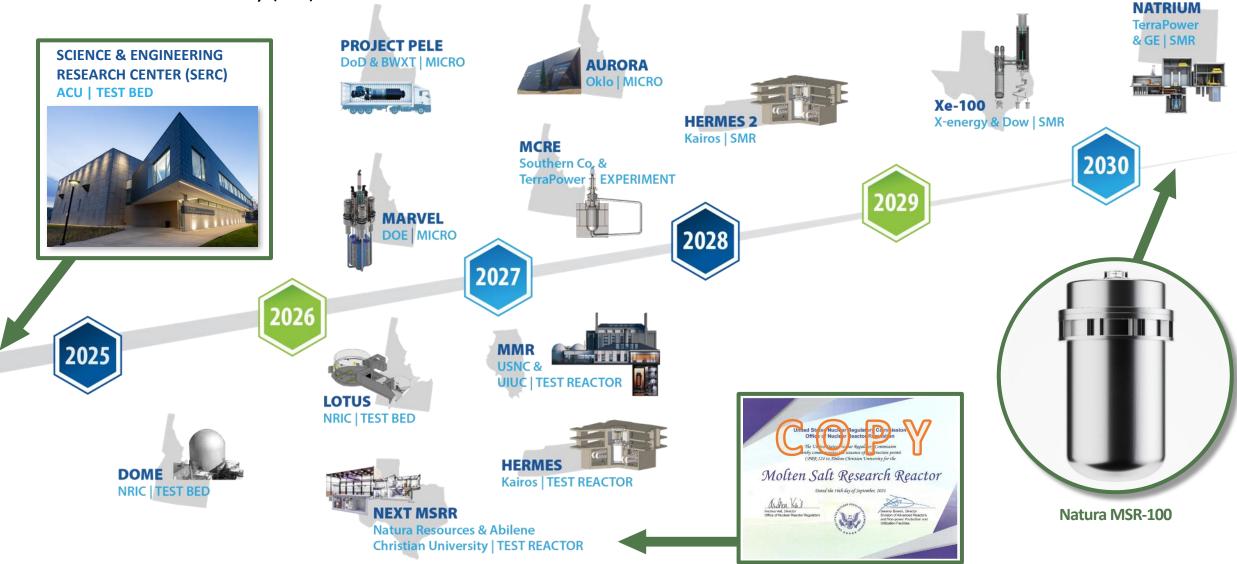


#### **Texas**

- 2 Operating Nuclear Sites (Comanche Peak & STP)
- 2021 H.B. No. 7 TX Legislative Session
  - Resolutions of Support from Texas House & Senate
- 2023 Gov. Greg Abbott establishes the Texas Advanced Nuclear Reactor Working Group
  - Evaluating how advanced nuclear reactors can provide safe, reliable, and affordable power for Texas and how to make the state a national leader in the development of nuclear power.
  - Work is complete and recommendations are with the governor.

# Natura Resources DEPARTMENT OF ENERGY

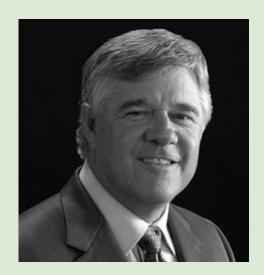
Idaho National Laboratory (INL) Advanced Reactor Timeline - 2024



**EXECUTIVE TEAM** 



www.naturaresources.com/careers



Douglass Robison

Douglass Robison is the founder and President of Natura Resources. Throughout his career in the energy sector, Douglass has been at the forefront of leading-edge technologies, in his role as Partner, Cofounder, President and Executive Chair of ExL Petroleum, a Permian-based oil and gas exploration and production company, and now as the founder and President of Natura Resources. In 2004 he was appointed by former Texas Gov. Rick Perry to serve on the Texas Energy Planning Council and co-chaired the Energy Supply Committee during which time his committee identified the importance of nuclear energy in our energy future. Natura Resources is a natural fit for his deep-seated interest in advanced energy technologies.



Andrew Harmon

VP OF OPERATIONS & BUSINESS DEVELOPMENT

Andrew Harmon is the Vice President of Operations and Business Development of Natura Resources, LLC. He holds a bachelor's degree in business administration and finance from Abilene Christian University and a M.S. in Technology Commercialization from McCombs School of Business at The University of Texas at Austin. His professional experience includes corporate development positions at Accenture, a global professional services company, and executive roles in finance and operations within the manufacturing industry. In 2020 he joined Natura Resources and leads investment, operations and business development efforts.



Jordan Robison, PE
VP OF ENGINEERING & PROGRAM MANAGEMENT

Jordan Robison is the Vice President of Engineering and Program Management of Natura Resources, LLC. He holds a bachelor's degree in physics from Austin College, a M.S. in Mechanical Engineering from The University of Texas at Dallas, an MBA from Abilene Christian University and is a licensed professional engineer in the state of Texas. Robison spent the first part of his career working in technical and engineering management positions within both the semiconductor and oil and gas industries. In 2020 he joined Natura Resource to guide university research and development efforts as well as Natura Resource's commercial reactor development.