



Kairos Power

Lou Martinez Sancho

Vice President, Strategy & Innovation

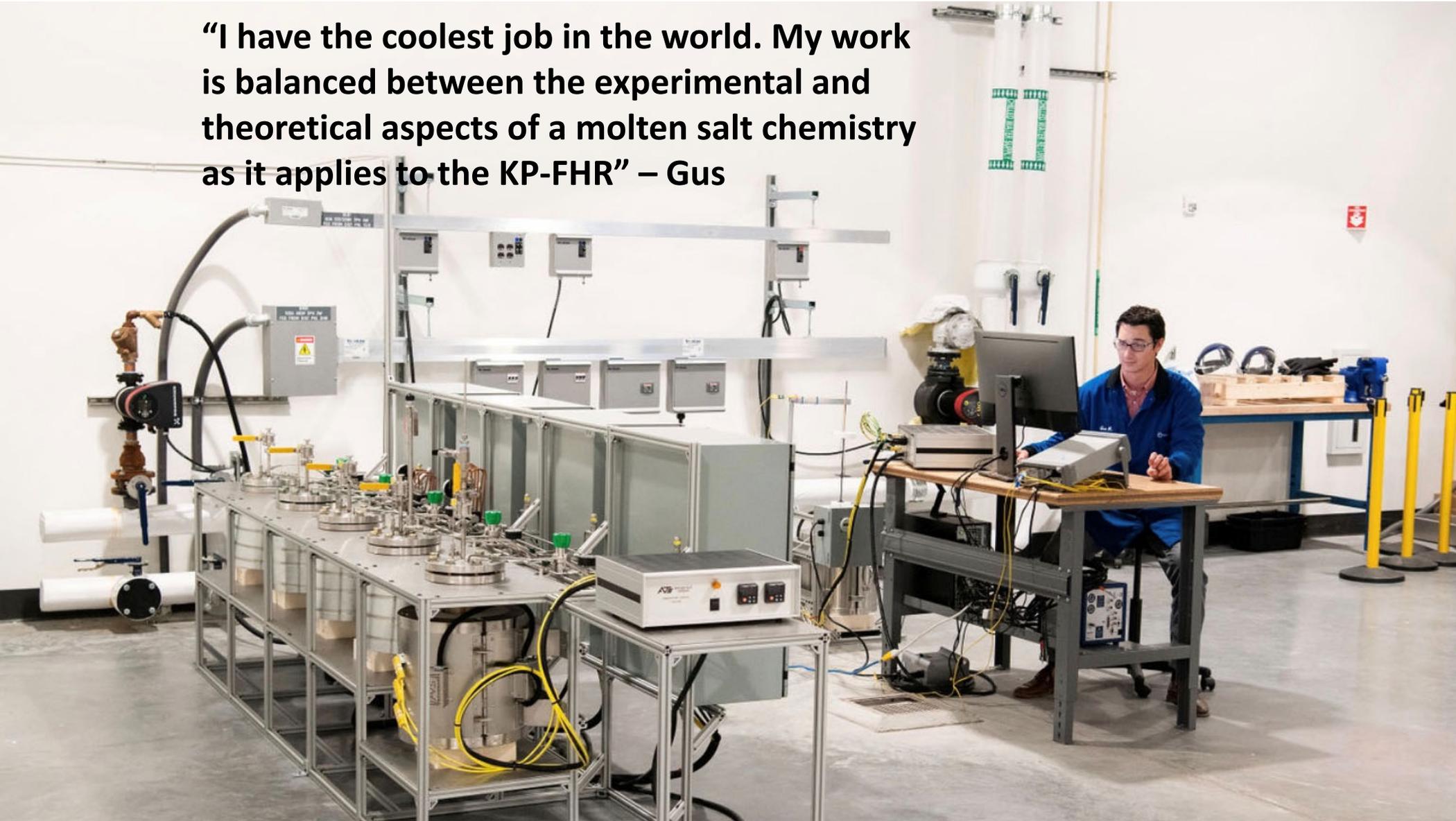
ANS Annual Meeting

June 10, 2019

100 EMPLOYEES (AND GROWING)

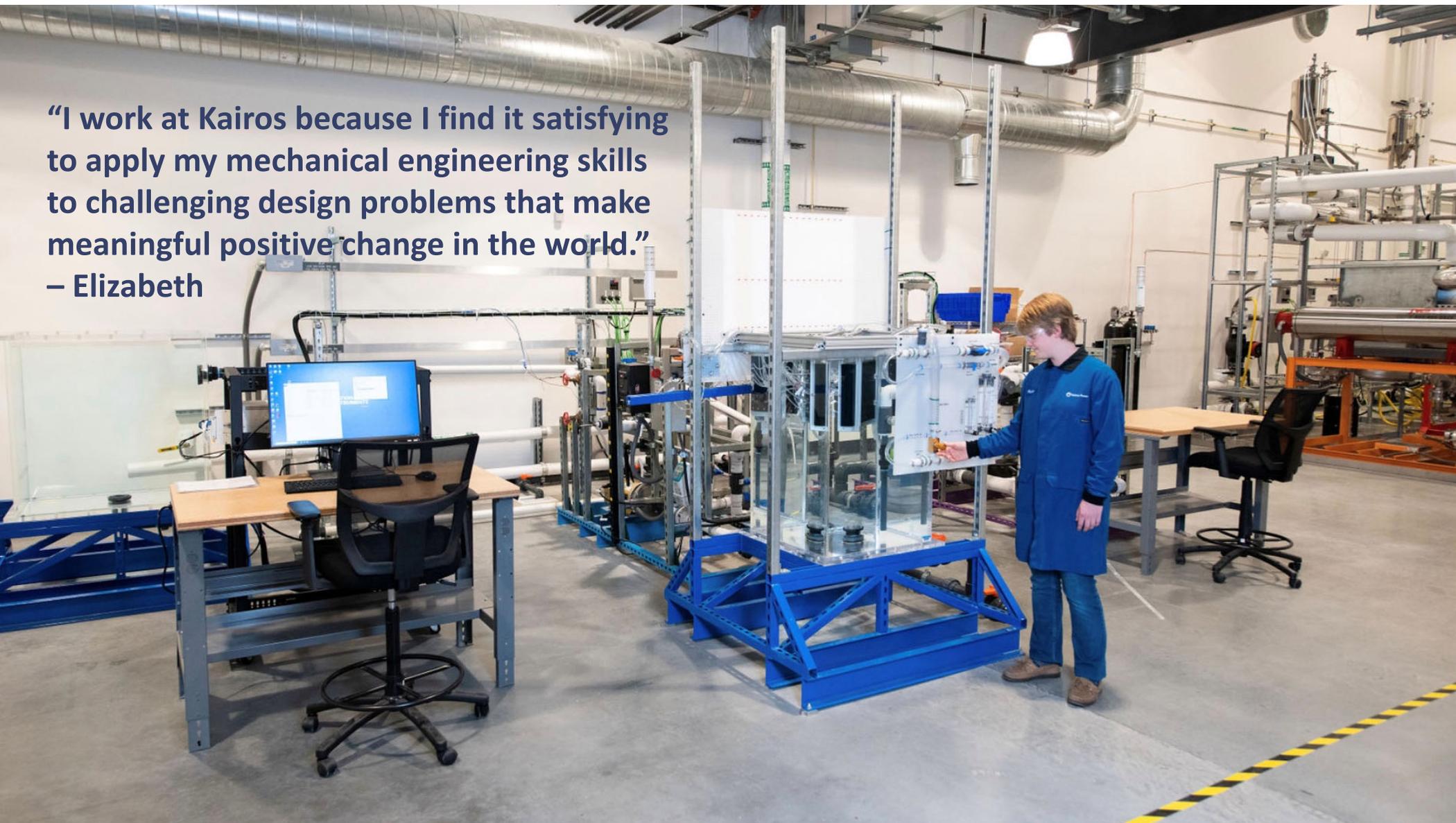


“I have the coolest job in the world. My work is balanced between the experimental and theoretical aspects of a molten salt chemistry as it applies to the KP-FHR” – Gus

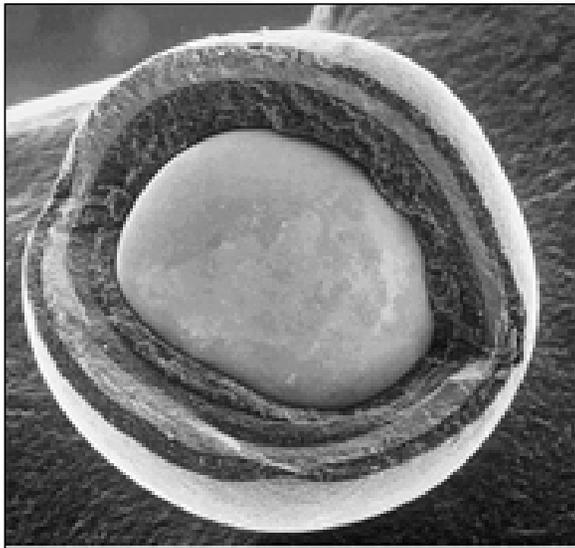


“I work at Kairos because I find it satisfying to apply my mechanical engineering skills to challenging design problems that make meaningful positive change in the world.”

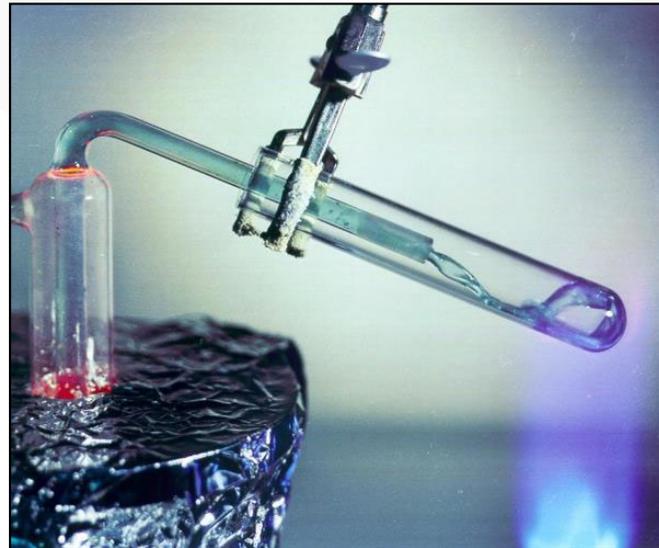
– Elizabeth



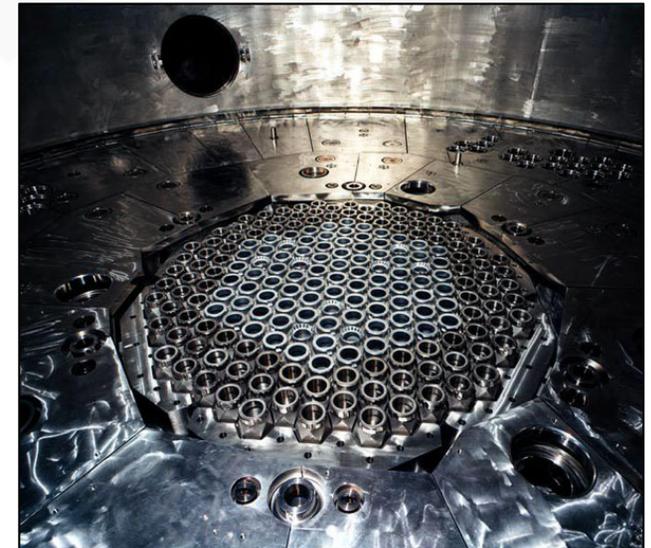
Kairos Power Fluoride Salt-Cooled High-Temperature Reactor (KP-FHR)



Coated Particle Fuel
[from HTGRs]



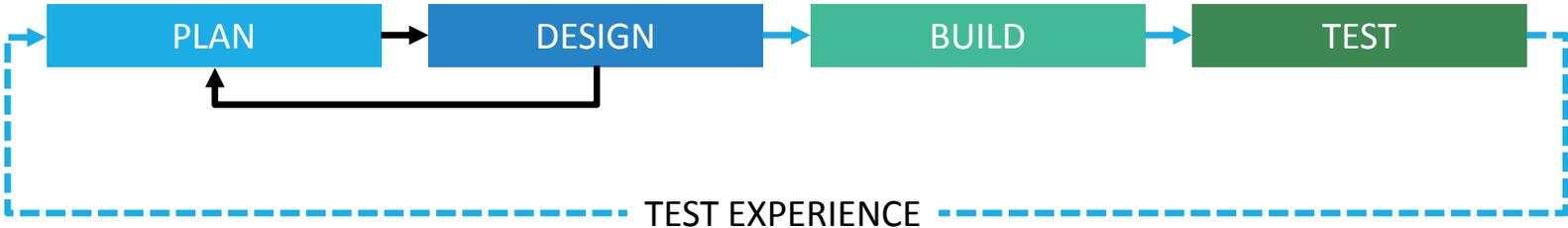
Liquid Fluoride Salt Coolants
[from MSR]



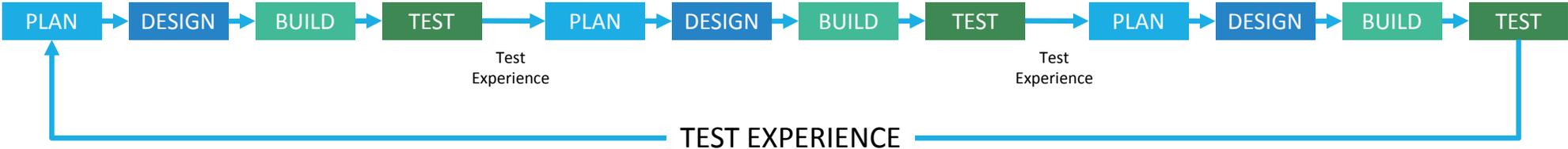
Low-Pressure Pool Vessel
[from SFRs]

Kairos Power Nuclear Development Paradigm Shift

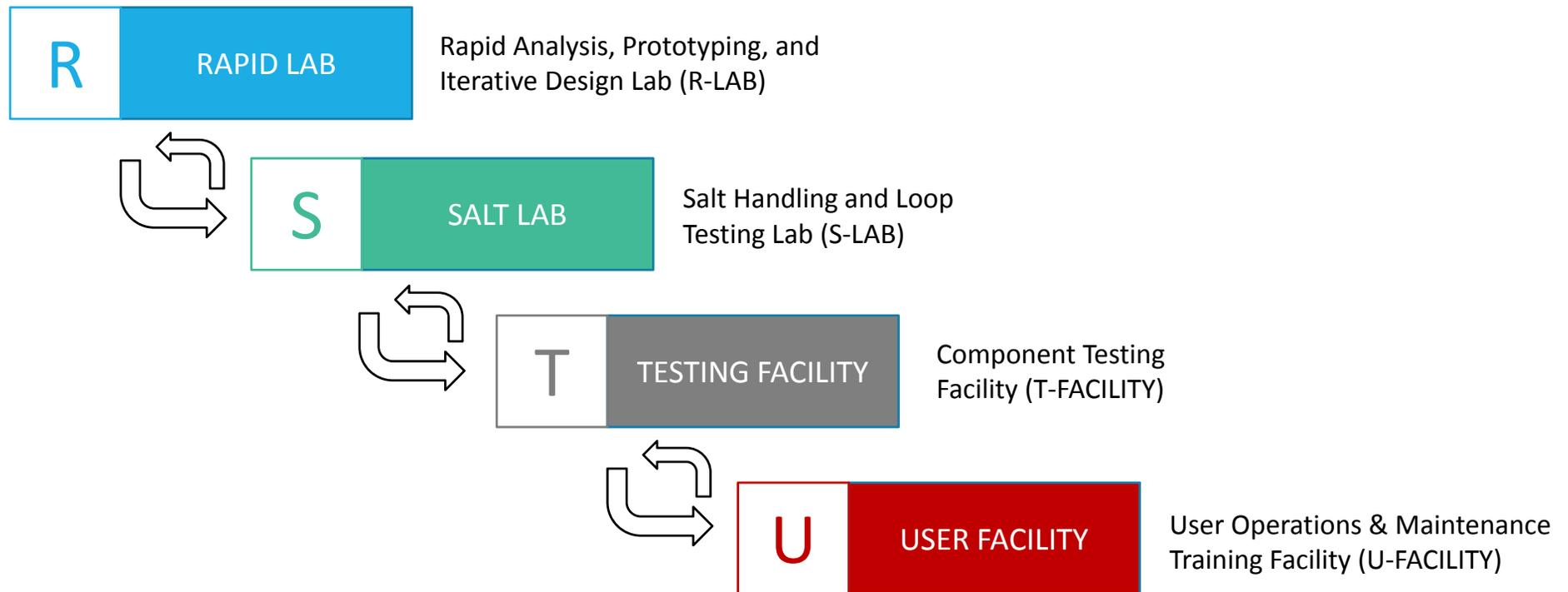
Conventional Nuclear Development Cycle



Kairos Power Accelerated Test Cycles for Innovation and Optimization

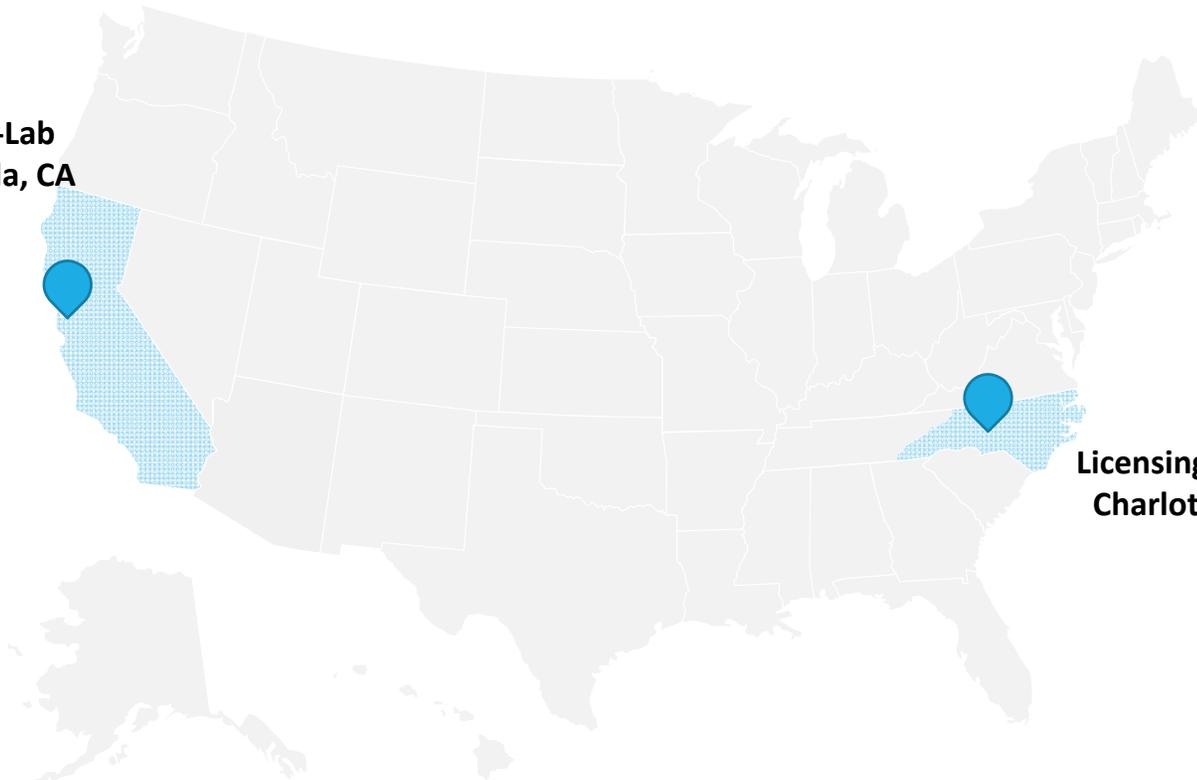


Rapid Technology Demonstration Requires Unique Experimental Facilities and Capabilities



Technology Infrastructure and Facilities

**HQ/R-Lab
Alameda, CA**



**Licensing Office
Charlotte, NC**



Kairos Power Facilities