



# ORNL Molten Salt Experimental Practices

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2024 Molten Salt Reactor Workshop

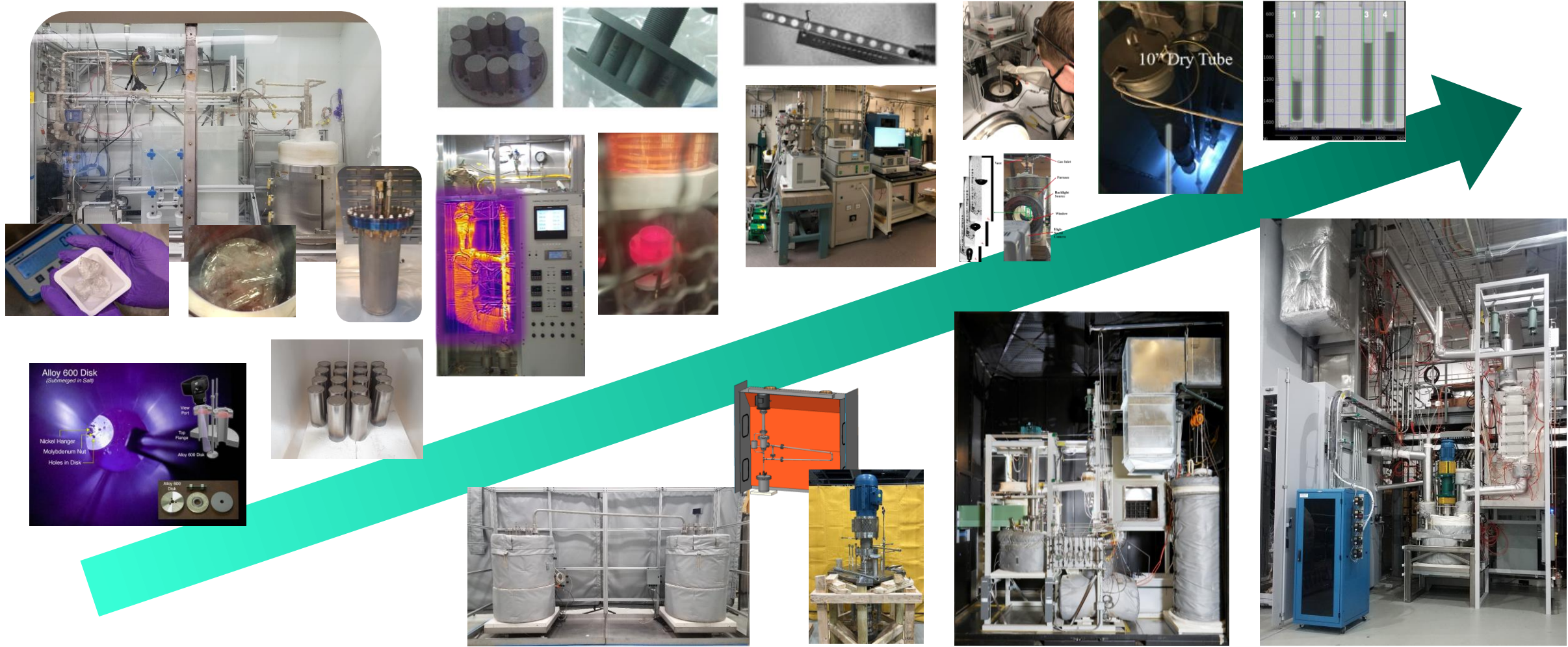
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**ENERGY**

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# ORNL (Recent) Molten Salt Journey (Lessons Learned Journey)



# Top 3 – Experimental Practices

## 1. Environmental, Safety, Health

- Consider simultaneous hazards
- Engage subject matter experts, technical community, second opinions
  - Removal, procedures, barriers, detection, contingencies

## 2. Heat & Hermeticity

- Requires a concerted effort

## 3. Maturing Data Quality

- Salt characterization
- Instrumentation – uncertainty, calibration and standards



~500°C  
+ leak  
+ <day

