



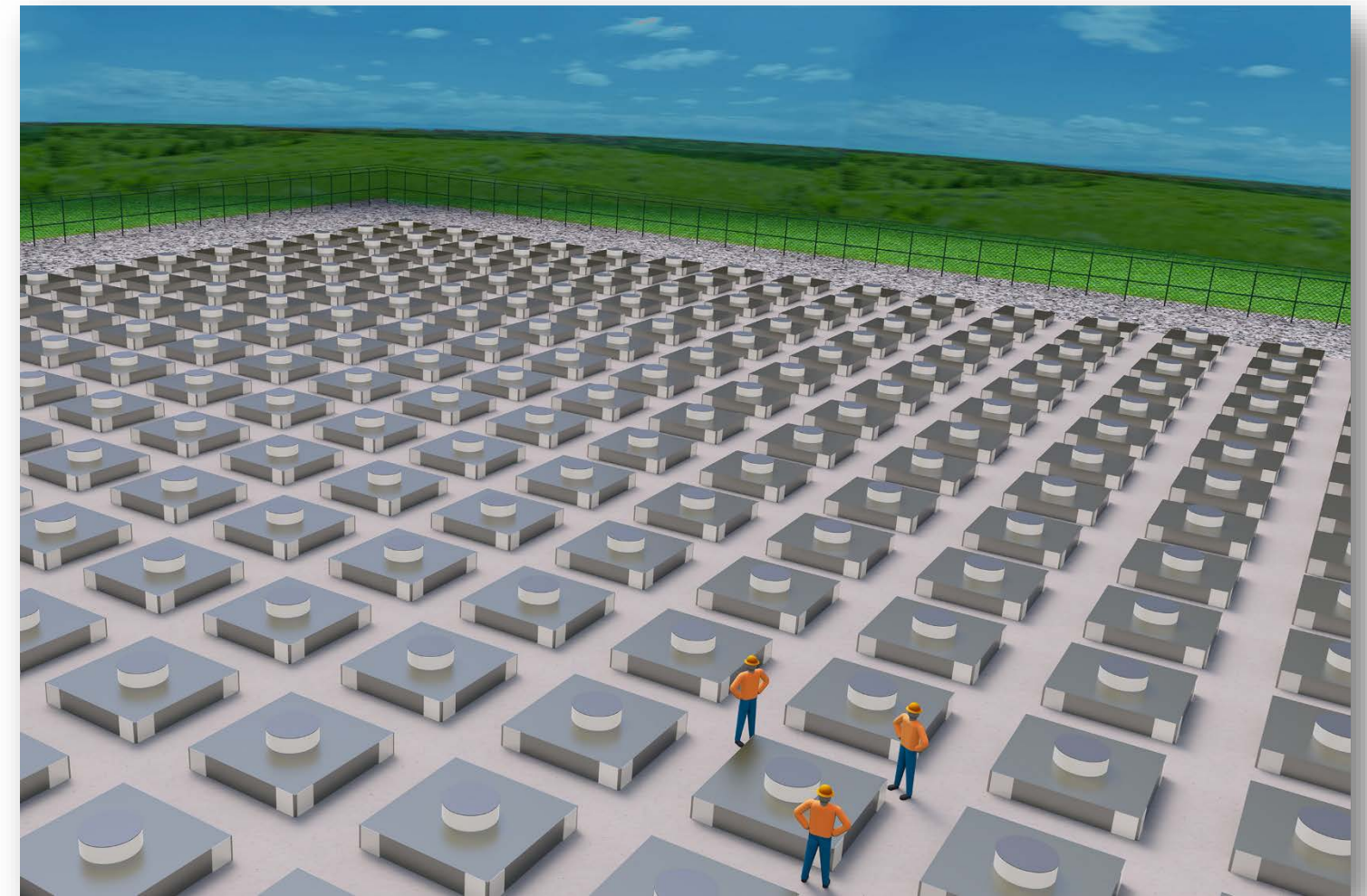
# **Future Licensing and Industry Perspectives**

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# Licensing Efficiency

- Licensing efficiency is linked to Safety
  - Increased efficiency allows increased focus on evaluations related to safety
- Demands on efficiency / safety will increase in both storage and transportation licensing
  - Consolidated Storage, Decommissioning, Transportation
- CoC/TS Graded Approach / Pilot
  - 10CFR72 CoC/TS documents are extensive, 100 to 300 pages not unusual. Current NRC/NEI/Industry initiative on a graded approach for the CoCs/TSs. Pilot licensing amendment in progress
- We are not there yet
  - Safety considerations still intermingled with more formal compliance considerations
- Improvements are an ongoing process
  - Improving efficiency is a journey, not a destination
- Going Forward
  - Additional “Pilots”, Topical Reports



# Holtec Innovation

- Having our own manufacturing facilities provides us with the ideal basis to develop and implement safety improvements in design and manufacturing
- Example: Ongoing focus on developing technologies to reduce the risk of stress corrosion cracking in safety related components
  - Reduction of overall amount of welds and heat input per weld for canisters
  - Laser Peening of welds
  - Development of new welding technologies such as hybrid laser welding to combat aging related issues in dry storage

