Overview: Market Conditions

- Reactors are shutting down = D&D services, more non-operating sites with UNF
- Increasing used fuel inventories in dry storage throughout the United States
- Deep uncertainty around repository availability and around the DOE’s programmatic path under the Nuclear Waste Policy Act.
- Titleholders seek damages to cover costs for DOE’s partial breach of the Standard Contract
Overview: Market Realities

- Post-D&D site operations not driven by deliberate policy or commercial design, but by regulatory and legal needs.
- Ongoing presence of used fuel = dedicated, costly security functions are replicated across shutdown plants, and licenses cannot be fully terminated for unrestricted site release.
- Ownership transfer models to better align capabilities/incentives around prompt D&D executed by specialized firms, e.g. ADP.
- Private sector dry fuel storage innovations have secured NRC confidence in the ongoing safe management of inventories at origin sites.
Overview: Emerging Market Requirements

• Ownership transfer models to better align capabilities/ incentives around prompt D&D executed by specialized firms
• Private sector dry fuel storage innovations have secured NRC confidence in the ongoing safe management of inventories at origin sites
• Expert Capabilities: Business strength, Experience, Technology, Transparency
• Responsive Engagement: Regulatory, Community
• Quality Delivery: Restoration, ISFSI management
New Accelerated Decommissioning Business Model
The “Single Expert” Entity

Full asset transfer to dedicated nuclear D&D company

Transition from operations to project mindset

Leverage existing plant personnel and expertise

Eliminate multi-entity contract administration and oversight
All Human and Capital Resources In-house

Proven people and programs

• Training, safety, regulatory
• Means & methods, expertise, lessons learned

Owned state-of-the-art capital assets

• Specialty tooling and packaging
• Modern, efficient, purpose-specific demolition equipment
• State-of-the-art LLW disposal
Fuel Management Capability from Pool to ISFSI

Earliest post-shutdown ownership transfer

Plant systems, pool operations, and systems deactivation

Seamless integration of knowledgeable and experienced plant personnel with highly experienced fuel pool operator

Largest used fuel management and pool operations experience in the world
Accelerated Transition to Fuel on Pad

Enables site to accelerate plant decommissioning and partial license termination

Advanced canisters enable earlier pool-to-pad transfer

- As low as 2-year cooled fuel
- Earlier transfer reduces site emergency planning requirements and costs
- New module designs require less pad space

NUHOMS® MATRIX training mock-up