About the CISF

**WHY? Our values**

- Benefits including reducing the taxpayer burden for management of used fuel by providing a safe, reliable interim used fuel storage solution centered on consolidated storage.

**WHAT? An opportunity**

- Because safe, used fuel storage is critical to the future of the nuclear industry, which is an excellent source of clean energy.

**HOW? A vision**

- ISP’s CISF: offers a viable path forward that can be the 1st step to pave the way for a prudent solution for used nuclear fuel.
Consolidation Benefits

- Elimination of multiple secluded ISFSIs
- **Complementary** to a national repository
- Investment in safety, security and maintenance
- **Elimination of management costs** and support functions for multiple ISFSIs
- Communities at shutdown sites will be able to repurpose or monetize property
- Economic benefits to hosting CISF community
- Transportation assets can be re-used for transport to final repository
- **Minimize Taxpayer liability** for dry fuel storage

CISF reduces both Cost and Risk
Project Description

- Interim Storage Partners LLC, a JV between WCS and Orano, established in 2 QTR 2018.
- **NAC International and Orano TN** are the DFS Technology providers.
- Project Environmental impacts analyzed with storage of **40,000 MTHM in canisterized storage systems**.
- 8 separate phases; storage of up to 5,000 MTHM in each phase.
- **License for 40 years** with renewals of up to 40 years each.
- Initial SAR includes selected NAC International and TN NUHOMS® canisterized storage systems which prioritize shutdown sites.

**Phase 1 Focused on Fuel Ready for Near Term Transportation to the CISF**
Licensing Process

NRC License Application Review Process

- Applicant Submits License Application
- NRC Decides Whether to Accept Application for Review
- NRC Dockets License Application
- NRC Begins Safety Review
- NRC Begins Environmental Review
- NRC Issues Safety Evaluation Report
- NRC Issues Environmental Impact Statement
- NRC Adjudicatory Hearings
- ASLBP* Issues Findings; NRC may issue License

ASLBP*: Atomic Safety and Licensing Board Panel
License Application History

- License application submitted on April 28, 2016.
- Completed RSI responses July through Dec 2016
- NRC Accepted for Review in 1 QTR 2017
- Restart requested June 8, 2018.
- Security RAIs received in Nov 2018
- First part of RAI round 1 received Nov 2018,
- Part 2 and 3 of Round 1 RAIs received March and April, 2019
- Several public meetings held in 2019 to discuss draft RAI responses
- ASLB Oral Arguments held in Midland, Texas July 10-11 2019
- ASLB terminated the Hearing Proceeding in Dec 2019

License Application

Priority on currently licensed systems for shutdown sites:

- **NAC International**
  - Maine Yankee
  - Connecticut Yankee
  - Yankee Rowe
  - La Crosse
  - Zion

- **Orano TN NUHOMS®**
  - Rancho Seco
  - SONGS Unit 1
  - Millstone Unit 1
  - Oyster Creek* (S/D scheduled 2019)

* Fuel burned less than 45 GWh/MTU

Indicates a “stranded” (ISFSI only) site identified in the 2012 Final Report of the “Blue Ribbon Commission on America’s Nuclear Future” (BRC)

Initial license application targets shut down reactors with fuel that is ready to transport today
Pad Layout for CISF

Security and Administration Building

New Rail Spur

Cask Handling Building

Conceptual Drawing
Thorough Environmental Characterization

- Environmental Impacts have been extensively analyzed in the region.
  - TCEQ conducted environmental reviews supporting issuance of LLW licenses.
  - NRC prepared an EIS for adjacent URENCO USA.
- Proposed approach ensures cumulative environmental impacts are analyzed.
WCS Visitor Center Grand Opening

- Opened June 2018, for community outreach in Andrews, Texas
- InterimStoragePartners.com (English and Spanish translation)
- Follow us on twitter, @ISP Nuclear,