

Private Fuel Storage

Interim Storage: Update and Timelines

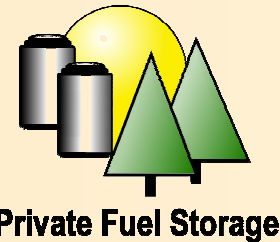
Virginia Section – American Nuclear Society

January 16, 2008

John Parkyn, Chairman & CEO

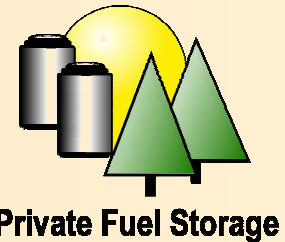
Private Fuel Storage LLC

Need for Interim Off-Site Dry Storage



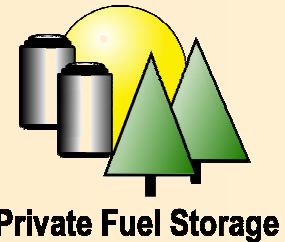
- Clear intent of Nuclear Waste Policy Act of 1982, if the opening date for repository in 1998 was missed.
 - It was missed and currently is scheduled beyond 2017
- Cost of multi-location storage much greater to ratepayer and taxpayer
- Public impatience with industry growing
- Fuel Storage Security concerns growing
- No decommissioning mode for closed plants to generate confidence in future plant construction

History of PFS



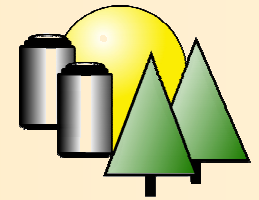
- Applied for NRC License in 1997
- NRC Safety Hearings in 2000
- Final Environmental Impact Statement & Final Safety Evaluation Report Recommended License in December 2001
- ASLB Recommends License: May 24, 2005
- NRC Issues #SNM-2513 on February 21, 2006

Scope of PFS Project

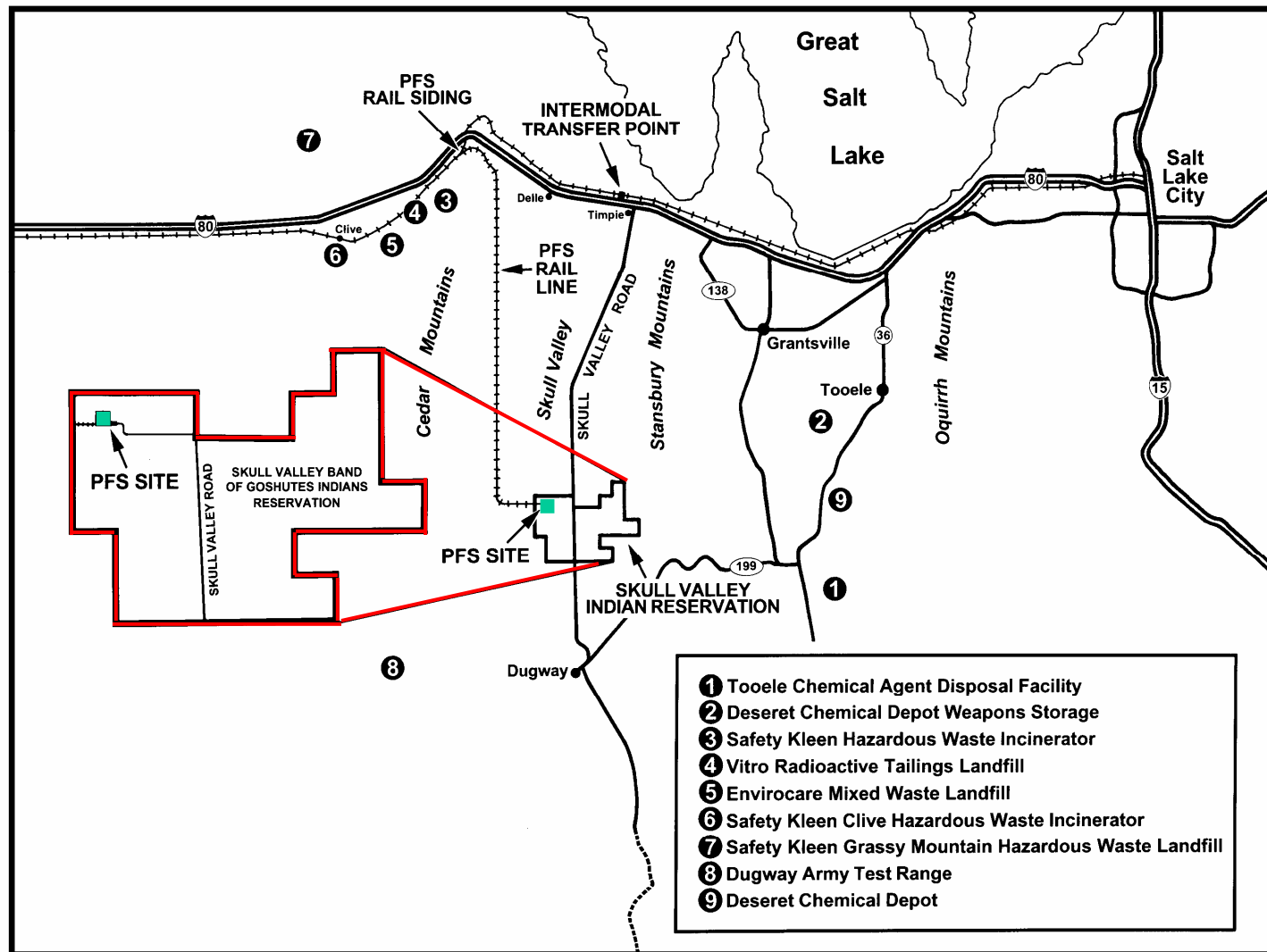


- Private, interim storage facility for spent nuclear fuel
- Open to all utilities
- 40,000 MTU (4,000 canisters) capacity under current license
- 200+ canisters per year capability
- 8 utilities own PFS, LLC
- Located on the Goshute Reservation (West desert area in Utah)

Storage Facility Location

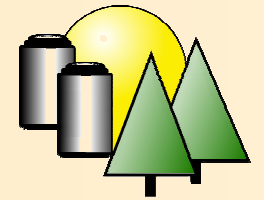


Private Fuel Storage



- 50 miles SW of Salt Lake City
- Near other permitted waste facilities

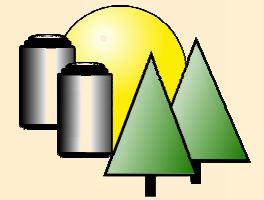
Proposed Site



Private Fuel Storage



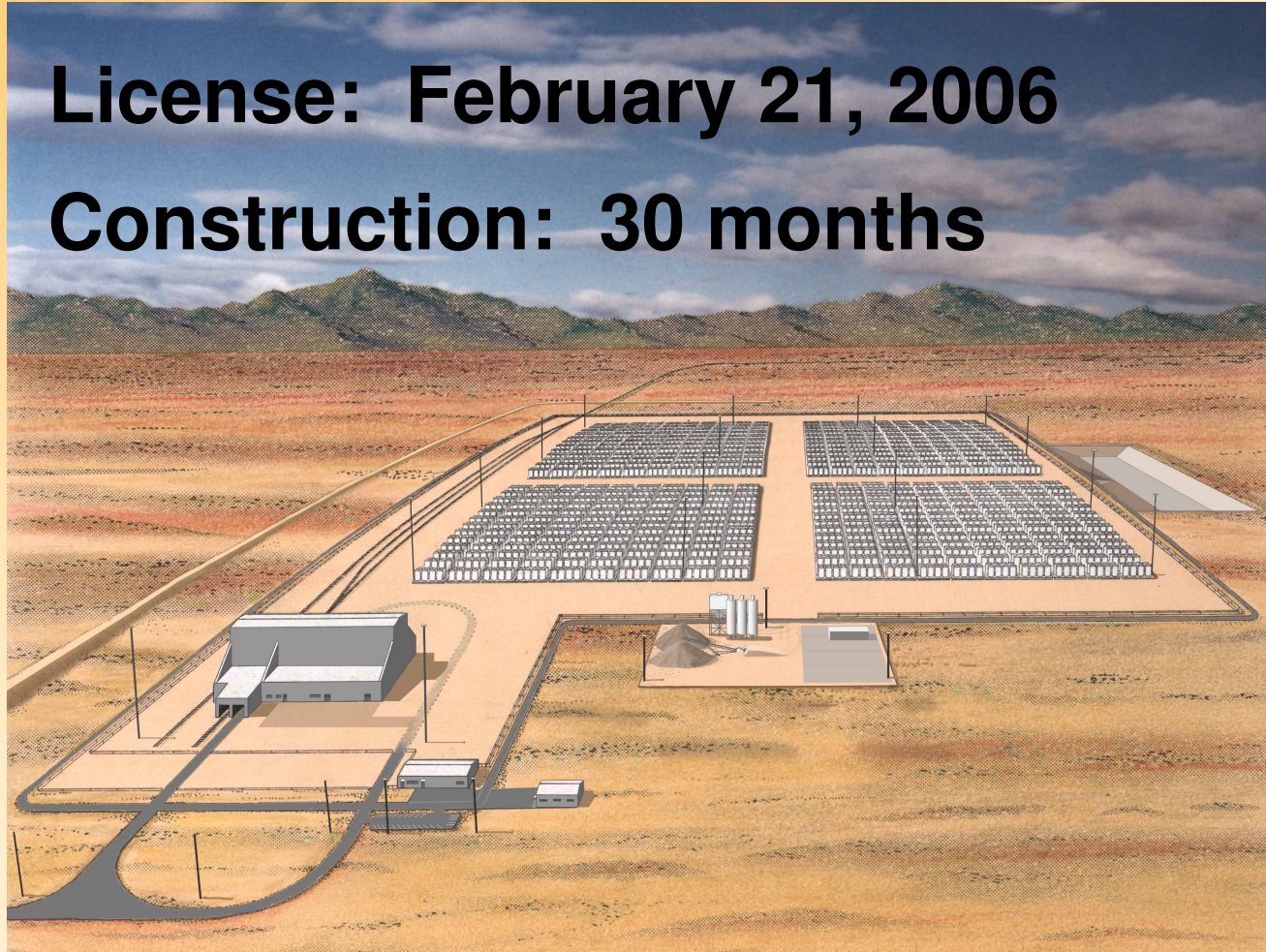
Proposed Storage Facility



Private Fuel Storage

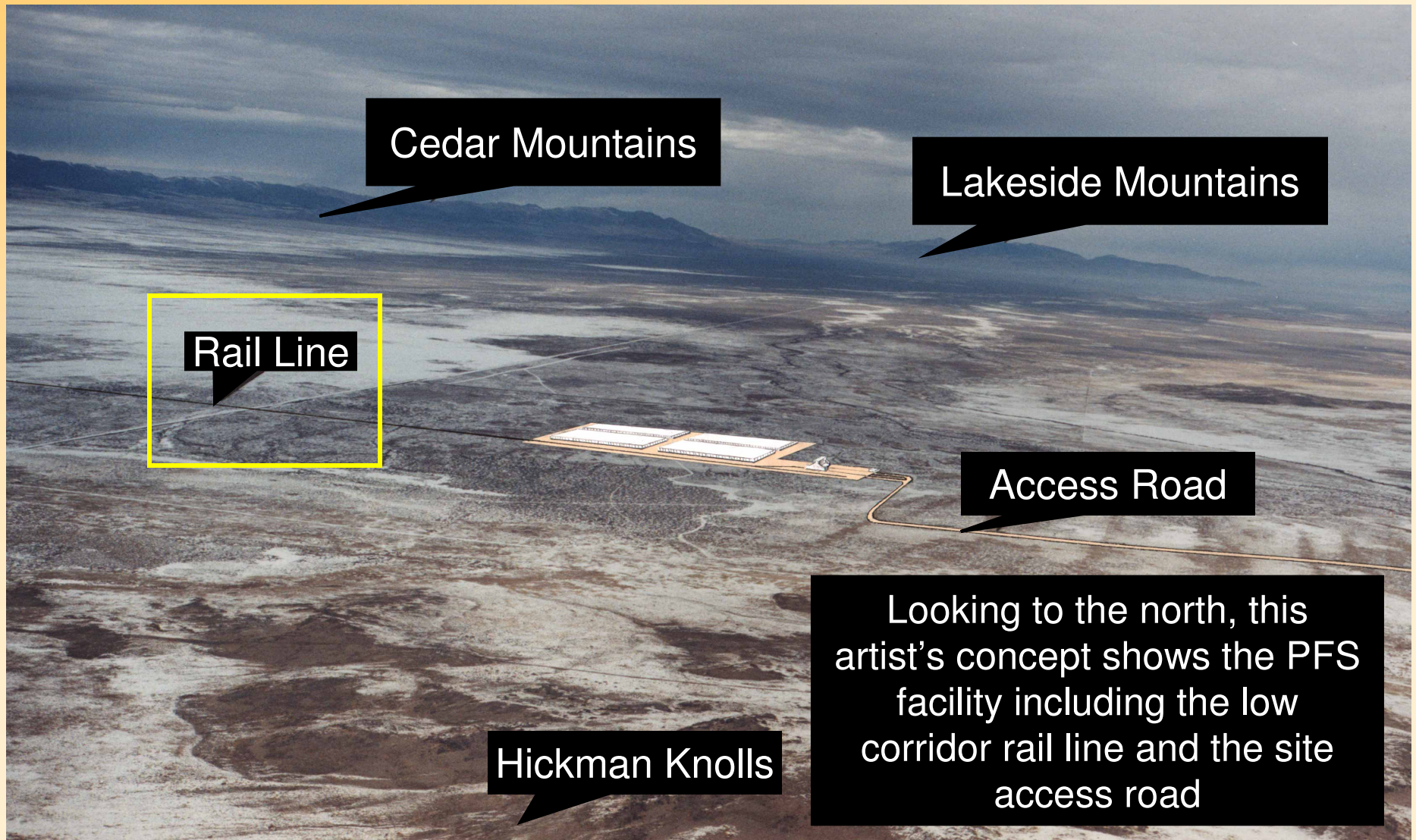
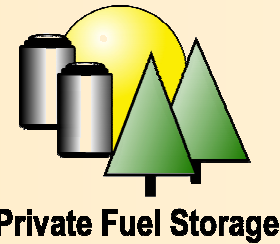
License: February 21, 2006

Construction: 30 months

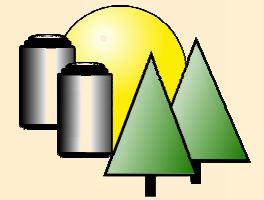


- 100-acre storage area within 820-acre controlled area for 4,000 casks

Aerial View of Proposed Site



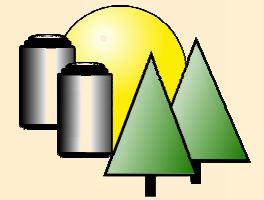
Railcar Articulated Ends



Private Fuel Storage



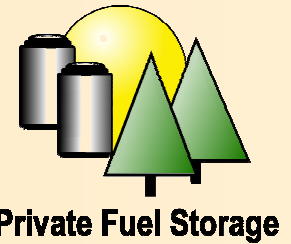
Loaded Railcar



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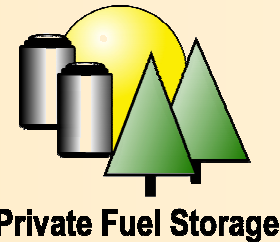


Risk Mitigation Benefits for the Industry



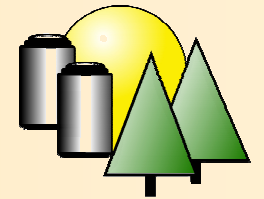
- Provides needed storage option
- Not dependent on DOE funding or Yucca Mountain progress
- Includes new standards for storage and transportation
 - Improved storage cask technologies
 - Upgraded national rail standards
 - New rail car design (55 mph)
 - Enhanced security standards

Cooperation with the Industry & Regulators



- All scheduling to accommodate functional operating unit priorities rather than age queues
- Full NRC regulatory oversight and early involvement
- Review conducted by Homeland Security, voluntary compliance, with suggestions
- Predictable costs for future compliance with changes in regulations
- Member of American Association of Railroads

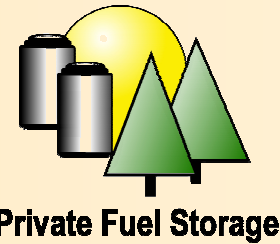
Current Status



Private Fuel Storage

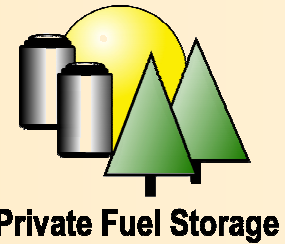
- Goshute Band has filed against Bureaus of Indian Affairs and Land Management for using political influence as a decision basis
- U.S. Court of Appeals for the District of Columbia has declined to cancel license
- Demand for government document production by 12/21/07, briefs complete by 3/21/08

Schedules for Completion and Operation



- Resolution of Bureau of Indian Affairs lease decision currently in Federal Court
- 24 - 36 month construction start-up and testing period
- Agreement with NRC & DOT on authorized shipping routes
- Shipment of fuel

Why not just “leave it where it is?”



- Politics as usual
- Public does not support
- Safety concerns
- Security concerns
- Threat to shareholder investment
- Excessive additional cost