



Decommissioning **San Onofre** Nuclear Generating Station

Community Engagement Panel

October 14, 2014

Dry Fuel Cask Vendors



Decommissioning
San Onofre
Nuclear Generating Station

Decommissioning Principles

Safety

Stewardship

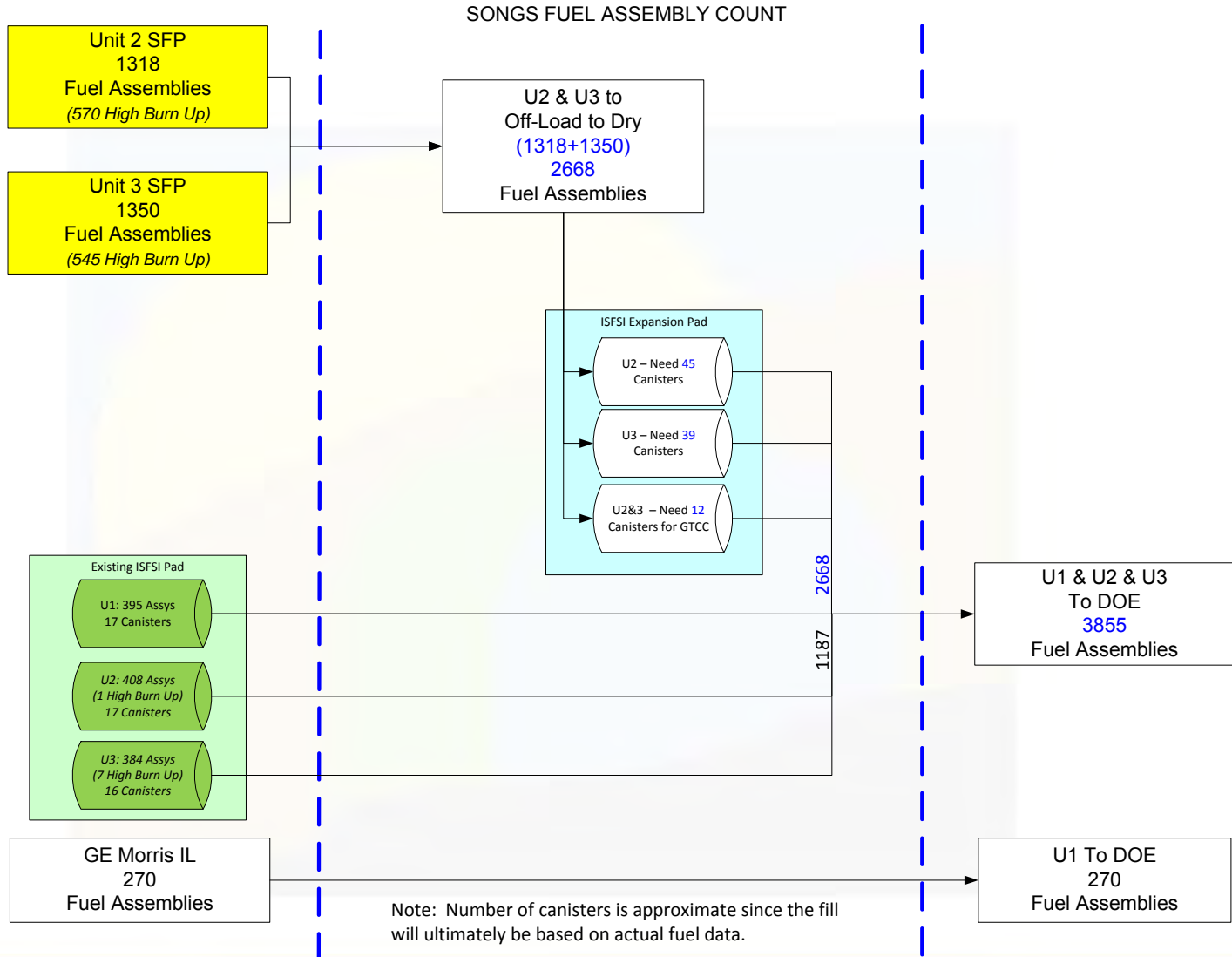
Engagement

*For more information on SONGS Emergency Planning
please visit www.SONGScommunity.com*



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Nuclear Generating Station

Used Fuel Storage





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Dry Fuel Storage



Current ISFSI facility:

- 50 loaded Spent Fuel canisters
- 12 empty modules
- Space for 26 more modules



The existing ISFSI storage facility must be increased to accommodate approximately 100 additional canisters



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Dry Fuel Storage





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Independent Spent Fuel Storage Installation (ISFSI) SCE Vendor Selection Process



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ISFSI

Vendor Qualification

- Products currently licensed for storage and transport in U.S.
- Strong presence in U.S. (i.e., long term commitment)
- Maintenance and surveillance capabilities with field support services
- Products must be easily adaptable to SONGS design requirements
- Capable performing the full scope of work
 - Engineering
 - Procurement
 - Fabrication
 - Construction
 - Fuel Movement services
 - Maintenance, surveillance and aging management program capability



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ISFSI Evaluation Process

- Evaluation Criteria
 - NRC approved design
 - High seismic design: SONGS specific
 - Engineering capabilities
 - Fabrication capabilities
 - ISFSI construction experience
 - Fuel handling and cask loading experience
 - ISFSI maintenance & surveillance capabilities
 - Fuel handling equipment maintenance and repair
 - Project management experience
 - Schedule performance



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ISFSI Update Castor Option

- Based on input from CEP, met with Siempelkamp to discuss option with the “CASTOR” product:
 - No currently designed product suitable for SONGS fuel
 - No current U.S. licensed products available for storage and transport
 - Weight would require substantial upgrades to spent fuel crane and handling equipment
 - Siempelkamp offers design services to develop a product and apply for U.S. license, however, could increase offload campaign schedule substantially
 - Limited U.S. presence



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