

# Overview Presentation



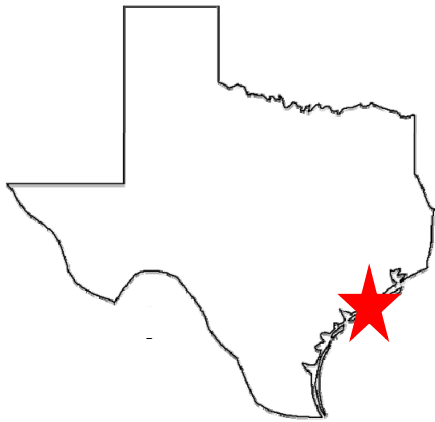
Nuclear Innovation North America LLC

November 19, 2015

# South Texas Project



Nuclear Innovation North America LLC



- Located in Matagorda County
  - Outstanding community support for emergency response, education, workforce development
- Operated by STP Nuclear Operating Company
  - A proud corporate citizen of Matagorda County with employees serving on boards for city, school, navigation districts, chambers of commerce and charitable organizations

# US ABWR Evolution



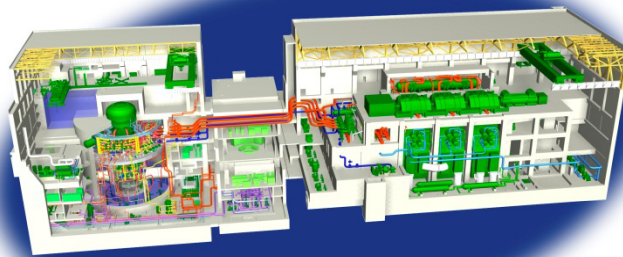
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## US ABWR DCD

- Combustion Turbine Generator
- AC Independent Water Addition (ACIWA) System
- Containment Overpressure Protection System
- Hardwired Analog Safety System



## STP 3 & 4



Kashiwazaki-Kariwa 6,7



# South Texas Project Units 3 & 4



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- Existing experienced nuclear operating company
- 7,000-acre reservoir designed for 4 units
- 12,200-acre site with minimal preparation work required
- Low population in Emergency Planning Zone
- Very low seismicity
- Barge and rail access
- Existing transmission corridors





# STP Application



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Departures focused on:

- Safety and reliability
- Regulatory changes
- Operating experience
- Site specific issues
- Technology evolution



# Aerial View of South Texas Project



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# Alternate Vendor



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**TOSHIBA**  
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