




ABWR Part 52 Experience




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Key “Expectations” of Part 52


- Reduction of applicant and licensee financial risk through standardization of plant designs
- Pre-construction resolution of safety and environmental issues
- Improvements in regulatory predictability

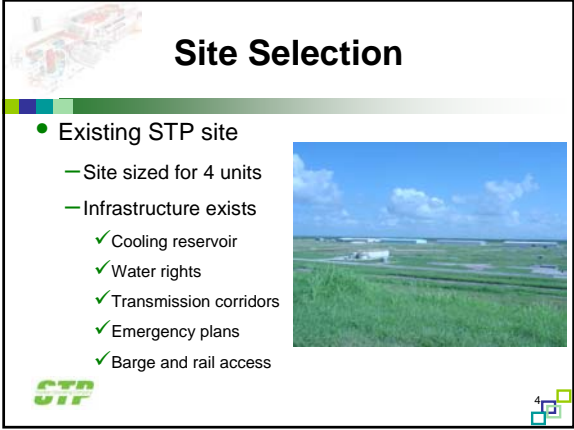




Selection of a Standard Design


- ABWR -
 - Design certified by NRC
 - ✓ Minimum changes required
 - Plants constructed on schedule and budget in Japan
 - ✓ First of a kind engineering largely complete
 - Plants in operation
 - ✓ Operating experience available





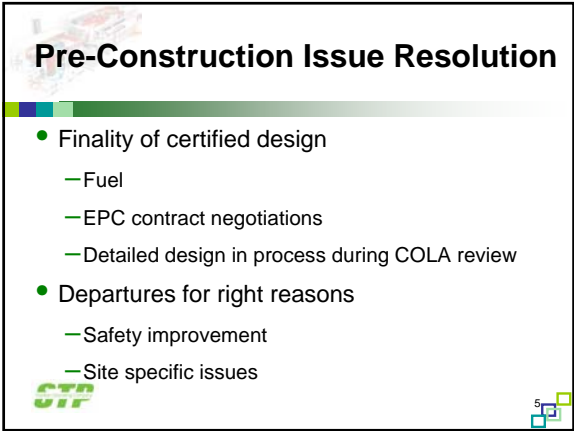
Site Selection

- Existing STP site
 - Site sized for 4 units
 - Infrastructure exists
 - ✓ Cooling reservoir
 - ✓ Water rights
 - ✓ Transmission corridors
 - ✓ Emergency plans
 - ✓ Barge and rail access



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Pre-Construction Issue Resolution

- Finality of certified design
 - Fuel
 - EPC contract negotiations
 - Detailed design in process during COLA review
- Departures for right reasons
 - Safety improvement
 - Site specific issues

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Environmental Review

- Environmental review progressing well
 - Site visit/audit
 - NRC meetings with public
 - Interactions with local and state authorities
 - RAI resolution



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Part 52 Success Criteria

- R-COLs are issued on schedule
- ESPs provide for resolution of site specific issues
- After a R-COL is issued, significantly shorter time for approval of essentially identical subsequent COLs, particularly when combined with ESP

