

ENERCON + LR



ENERCON has a presence on 90% of the reactors across the US Nuclear Fleet

Focus on minimizing impact on existing utilities organization

- 5 SLR Feasibility Studies
- 2 Of the first SLRs in the US

EPRI Reports for Long Term Operation

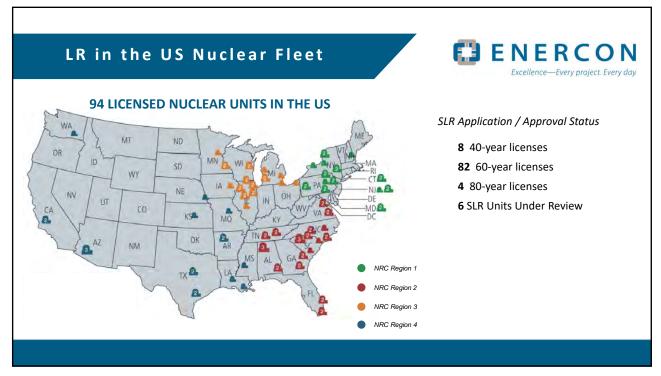
POWER
NRC Issues First
Subsequent License
Renewals, Extends
Nuclear Reactor Life to
80 Years

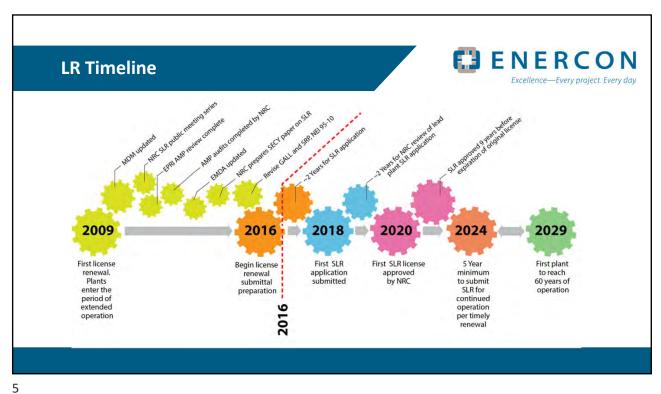
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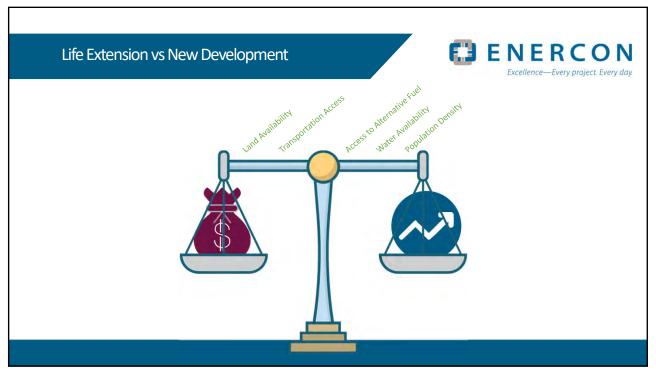
Supporting License Renewals Through:

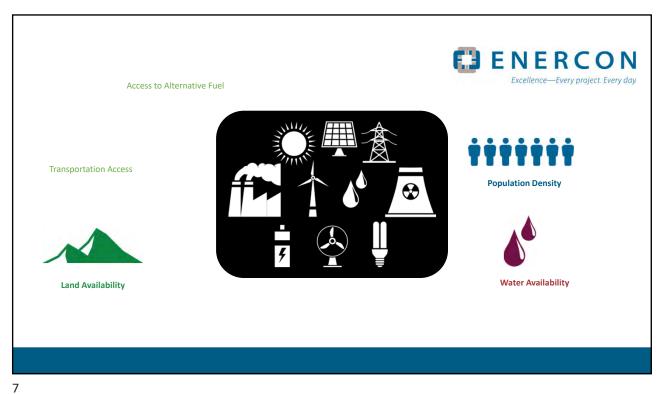
- Feasibility Studies
- Application Development
- Lifecycle Management Plans
- Implementation
- Probabilistic Risk Assessments
- Environmental Reports
- Support during NRC Review
- Capital Improvement Assessments & Cost Estimates

3



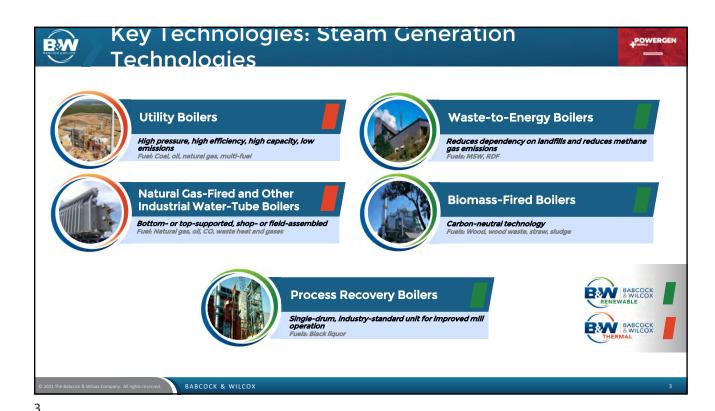






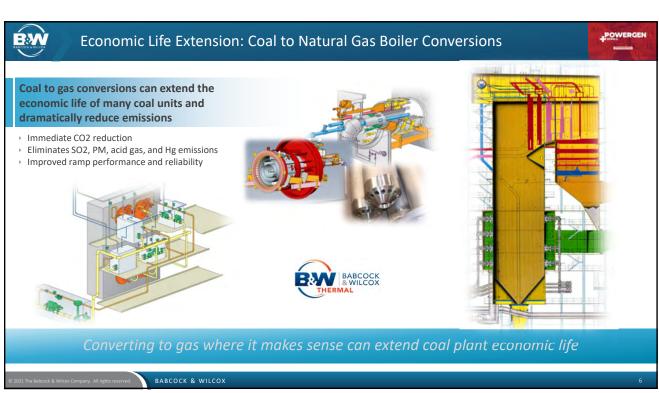


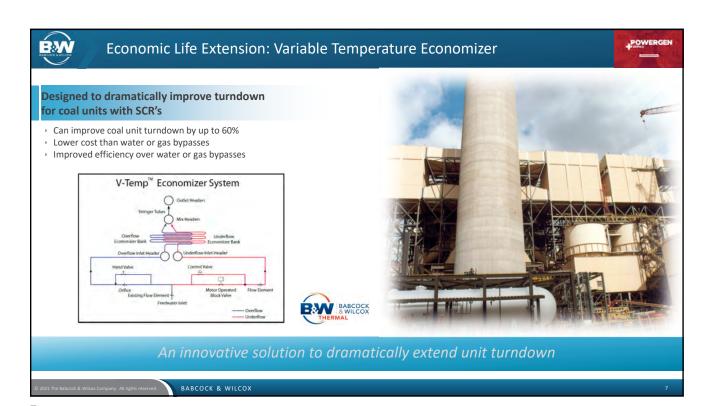












Regulatory Life Extension: Submerged Grind Conveyor Ash ÉW POWERGEN Handling **Designed to meet current and future** U.S. regulatory requirements for ash handling with: Lower equipment cost Lower installation cost Utilize existing hoppers and gate valves No modification to hopper Short outage required · Short lead time Available redundancy under the boiler Lower O&M costs BABCOCK & WILCOX ENVIRONMENTAL An innovative solution to eliminate ash ponds BABCOCK & WILCOX





POWERGEN

Wind Project Partial Repower Background

- In December 2015, Congress extended Production Tax Credits (PTCs) and made repowered wind projects eligible
- How do PTCs for repowered projects work?
 - If full PTC received, project eligible for \$0.023 per kWh for the first 10 years of operation
 - Repowering project eligibility: "80/20 Rule" $\frac{\textit{Cost of new components}}{\textit{Value of repowered facility}} \ge 80\%$
 - For reference, a typical 100-MW wind project will generate approximately \$10 million of income PTCs per year

Sargent & Lundy

#POWERGENPlus



