Benefits of Achieving International Standardized Licensing
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Standardized Licensing has numerous benefits over the entire life cycle of a plant

- Licensing and Permitting
- Construction
- Operation (Maintenance and Modifications)
- Decommissioning
Design Standardization

No “one-off” or “unique” design features simply to satisfy a specific country’s regulatory requirement.
More Thorough Design/Licensing Review

A standard design will benefit from review by multiple entities (Regulators, Licensees/Operators):

- Regulators review to common regulatory requirements and standards
- Licensees/Operators review to establish optimum operating/maintenance practices
- Best practices/design improvements get implemented fleet-wide
More Stable Supply Chain

Major component vendors will benefit from common regulatory/industry standard requirements

• Common tooling/manufacturing processes
• Common inspection techniques
• Can focus on meeting a limited set of requirements versus changing tooling/processes for each customer
Product Life-Cycle Maintenance…
Maintain appropriate balance of Cost and Safety

Start with a Standard Design and …
• Standard upgrades for the fleet are more cost effective -- enhancing Safety

Start with multiple FOAK plants and…
• Standard upgrades are more expensive and therefore, less likely – reducing Safety
“Owners Groups” become more Effective

A Fleet of Standard Designs means…

• Better communication among Licensee/Operators and Regulators
• Better sharing of Operating Experience
• Better focus of technical resources on common fleet safety benefits
• More cost-effective operation and maintenance practices
Emergency Planning and Response Improves

A Fleet of Standard Designs with common regulatory requirements means…

- Emergency Operating Procedures can be standardized/optimized
- Best practices shared
- Training and drills can be shared
- Identified enhancements implemented efficiently
Ultimate Decommissioning shares benefits

A Fleet of Standard Designs with common regulatory requirements means…

• Ultimate decommissioning/dismantling activities can be standard
• Best practices shared