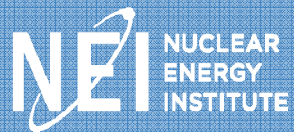


Industry Perspective

NRC Higher Burnup
Workshop

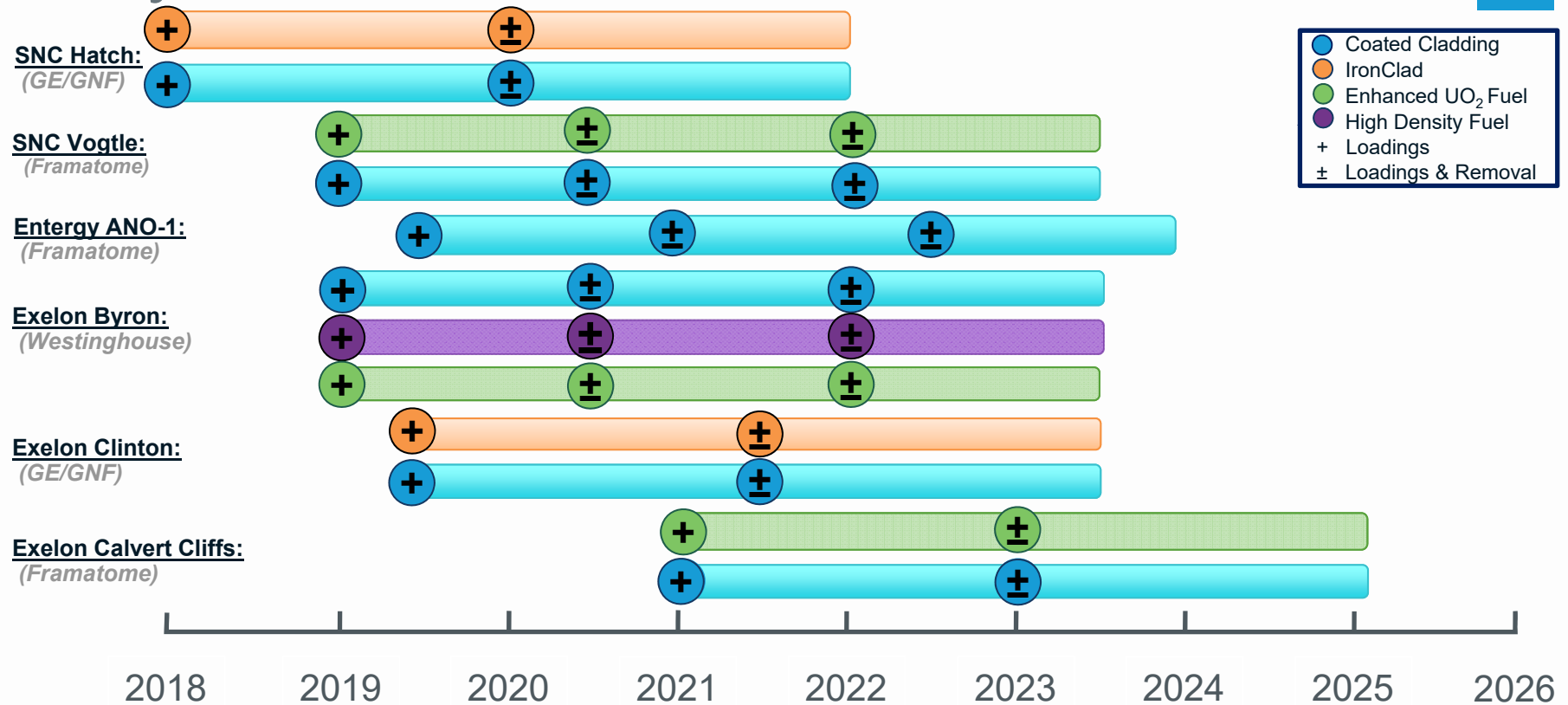
July 30th, 2020



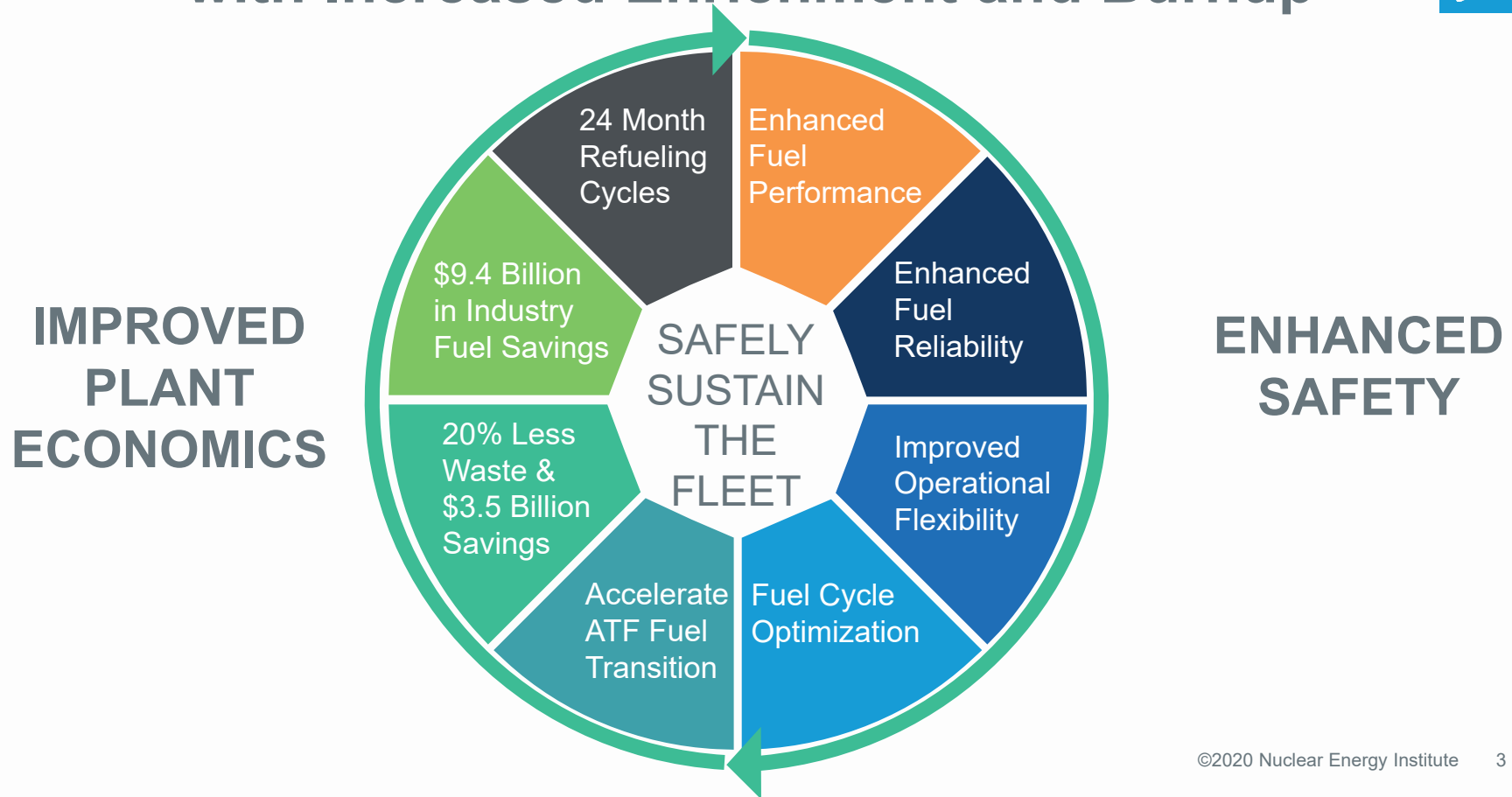
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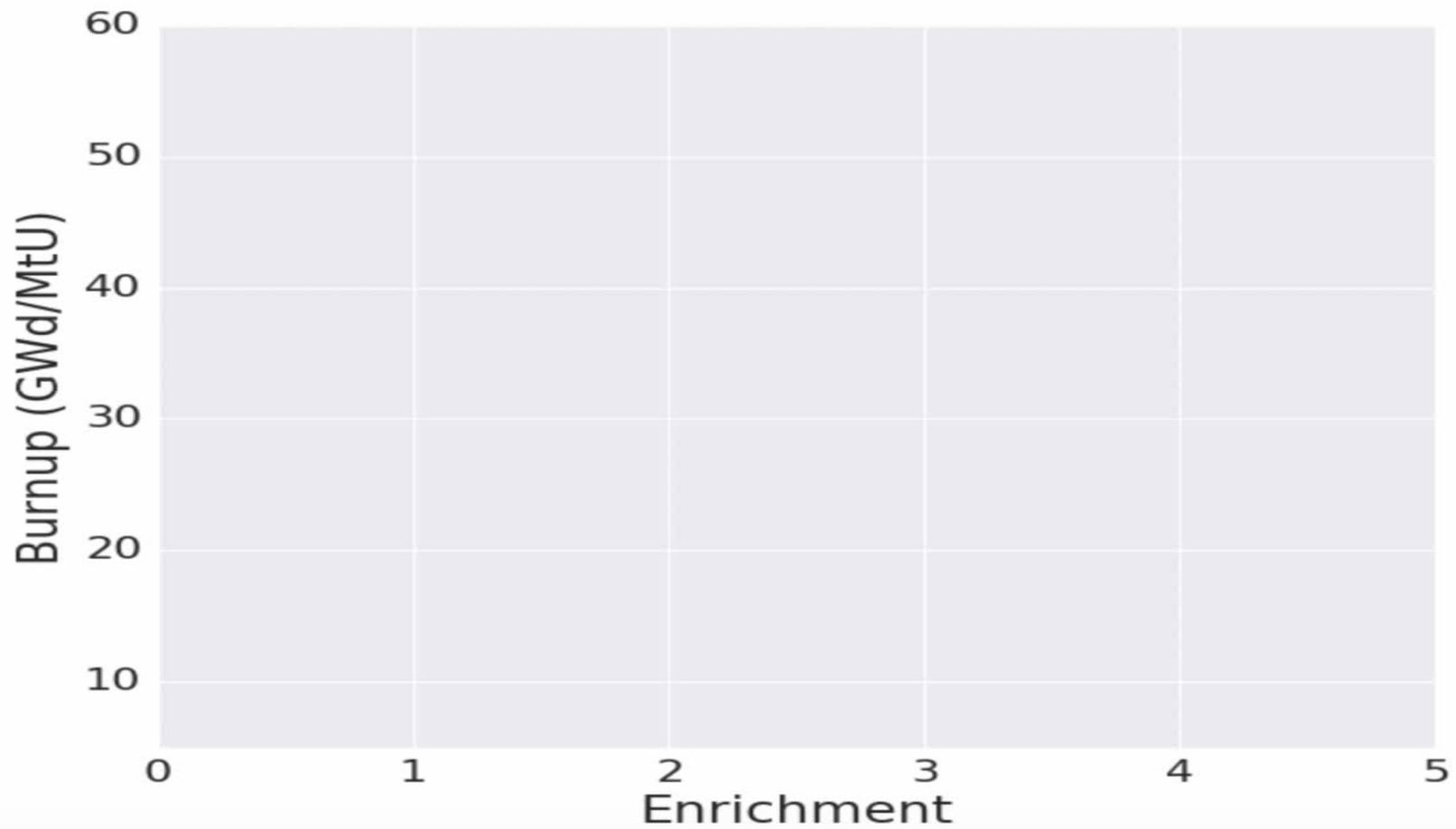
Key ATF Fuel Milestones



Accelerating ATF Deployment with Increased Enrichment and Burnup



CW-859 Data (ORNL)

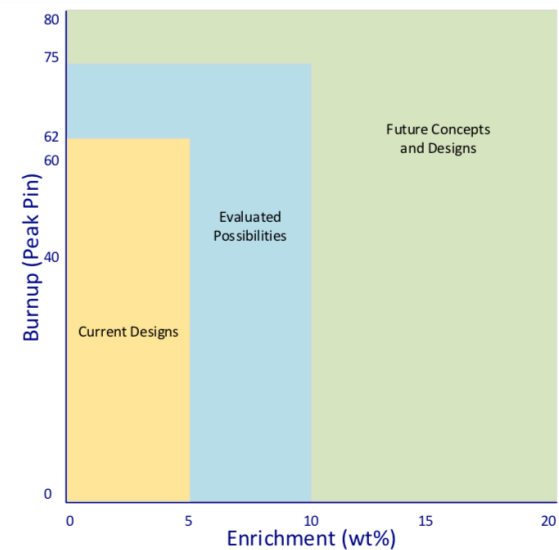


Expand the Box

- Utilities and Vendors are engaged in discussions to accelerate the licensing of batch loads of ATF with increased enrichment and higher burnup
 - Demonstrate Licensing Pathway
- Challenges Remain

Deployment Strategy

	Today	Future
Fuel Type	Non-ATF only	Coated Cladding Doped Pellets
Enrichment (wt.%)	<5%	>5%
Burnup (GWD/MTU)	62	~66-68 ~75



Questions

