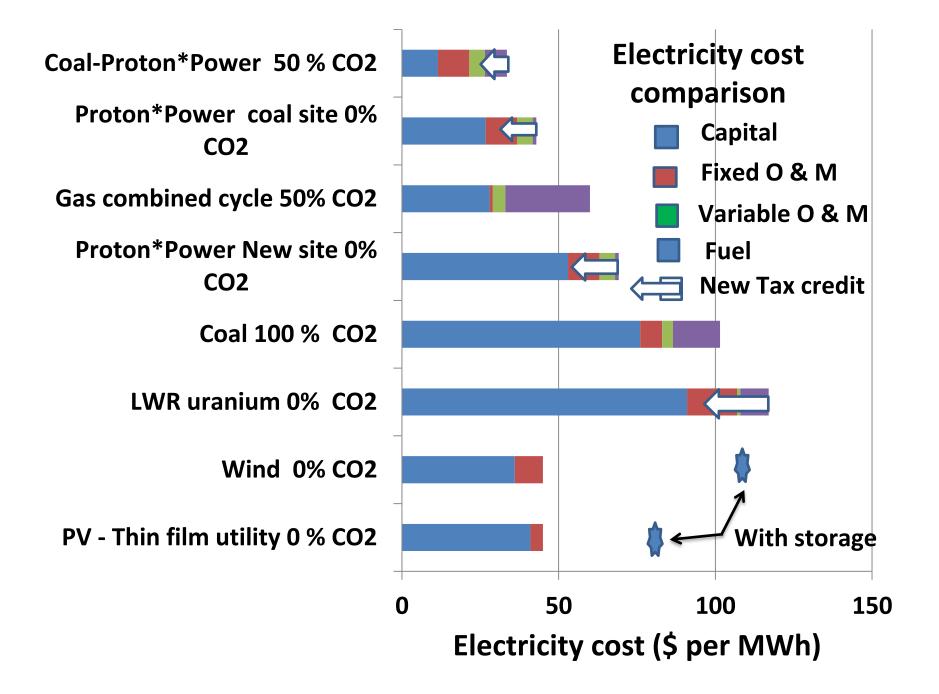
VNECA Presentation Second Round of Funding for GEM*STAR (Proton*Power) \$19 million

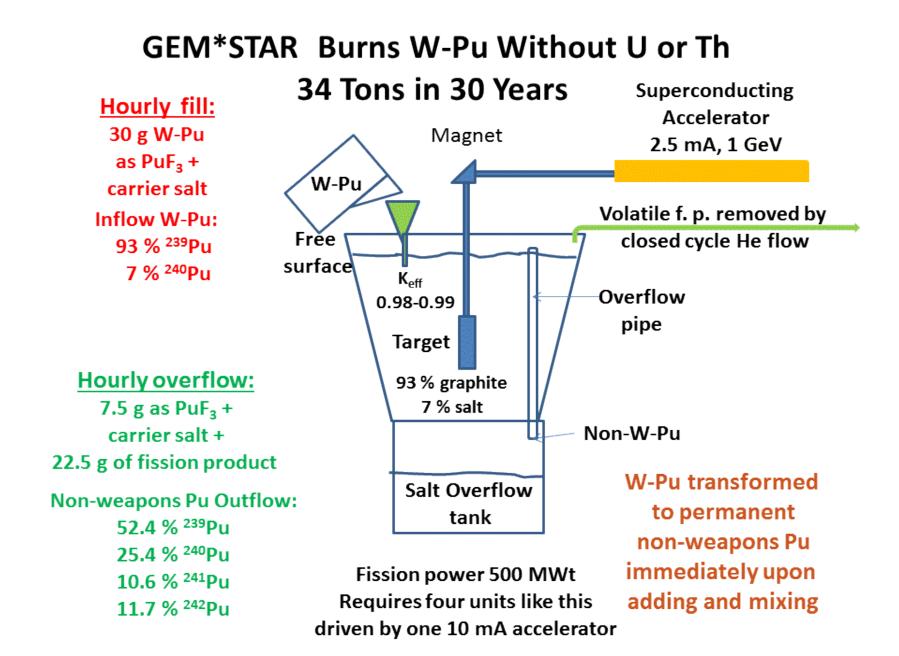
from ADNA Corporation

Accelerator Driven Neutron Applications

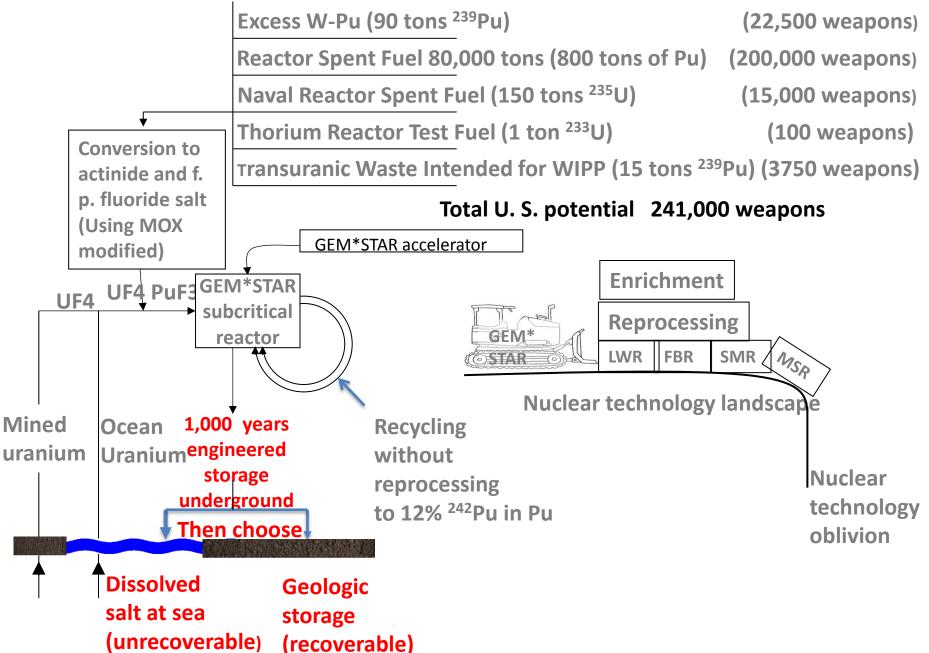
Presented by

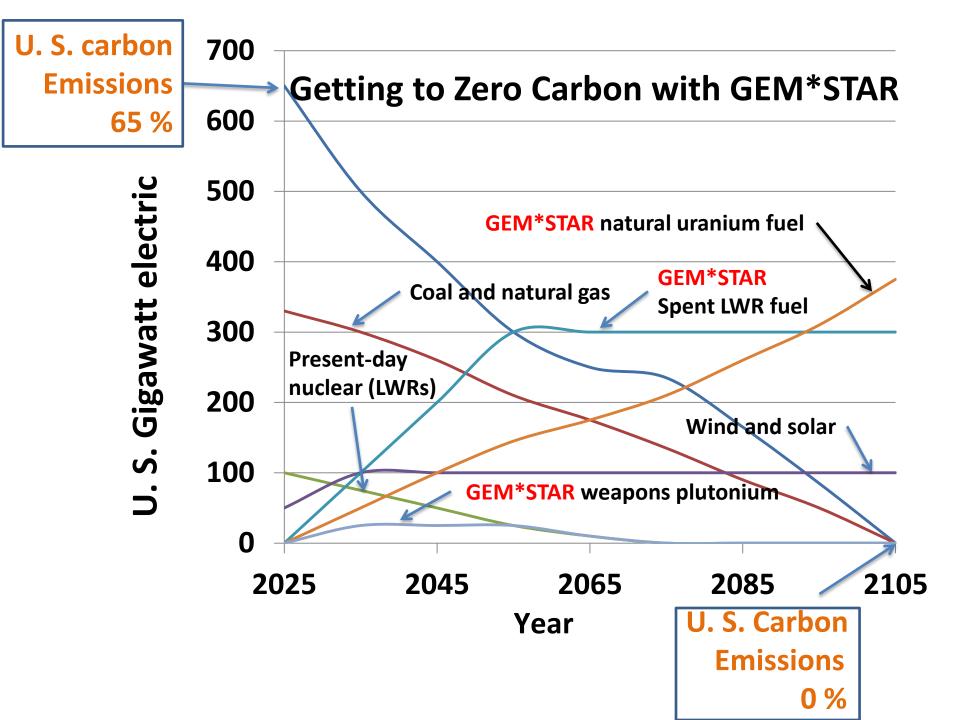
Charles D. Bowman, Ph. D. and Ganapati Myneni Ph. D. March 20, 2018 Richmond, VA





Eliminating Weapons-Useful Pu Using GEM*STAR





Integration by 2020 Towards GEM*STAR Demo in 2023

Funding for 2018 - 2020

		-
Molten Salt		\$3
Sales of salt for molten salt	for reactors	
Wood-to-Charcoal-to-diesel (BCLF)		1
Sale of non-nuclear activate	d charcoal	
⁷ Li enrichment		3
Sale of ⁷ Li to today's reactors for chem. balance		
Accelerator technology		3
Accelerator collaboration wi	th EU	
GEM*STAR design		9
Construction plans for subcritical facility		
	Total	\$19 million
Final GEM*STAR demo needs \$350 million in 2020 (\$70 million		
private and 280 million SBA loan		

