

HALEU Webinar

April 28-29, 2020



Objectives: The High-Assay Low-Enriched Uranium (HALEU) Webinar will inform stakeholders on the status and challenges associated with HALEU for fuel fabrication and reactor development. The webinar will cover the following aspects of HALEU supply with a focus on the 10-20% enrichment range:

- Anticipated demand and timeline projections for HALEU
- Transportation needs
- Enrichment, conversion, and deconversion
- Legislative and regulatory issues

AGENDA

Tuesday, April 28, 2020 (Eastern Time)

EDT	Topic	Chair/Presenter
11:00 a.m.	Welcome/Opening Remarks	Rita Baranwal, DOE-NE
11:10 a.m.	Agenda Overview and Webinar Instructions	Everett Redmond
11:20 a.m.	DOE-NE Program Update	Andy Griffith
11:30 a.m.	DOE Advanced Reactor Demonstration Program Update	Alice Caponiti
11:50 a.m.	DOE NNSA Program Update	Jeff Chamberlin
12:10 a.m.	DOD Mobile Microreactor Project Update	Kerry McCabe
12:30 p.m.	Break	
	Demand	
12:40 p.m.	▪ Industry HALEU Projected Needs	Everett Redmond
1:00 p.m.	▪ Addressing HALEU Demand	Monica Regalbuto
	Interim Options	
1:20 p.m.	▪ INL Capabilities	Terry Todd
1:40 p.m.	▪ SRNL Capabilities	William Bates
2:00 p.m.	Break	
	Conversion and Enrichment Options	
2:10 p.m.	▪ ConverDyn	Malcolm Critchley
2:30 p.m.	▪ Urenco	David Fletcher
2:50 p.m.	▪ BWXT	Scott G. Nagley
3:10 p.m.	Break	
3:20 p.m.	▪ Centrus	Elmer Dyke
3:40 p.m.	▪ TENEX-USA, TVEL	Fletcher Newton, Nadezhda Kolosovskaya
4:00 p.m.	▪ Global Laser Enrichment (GLE)	Tom Owens
4:20 p.m.	Summary and Q&A	Monica Regalbuto
4:30 p.m.	Adjourn	

HALEU Webinar

April 28-29, 2020



Objectives: The High-Assay Low-Enriched Uranium (HALEU) Webinar will inform stakeholders on the status and challenges associated with HALEU for fuel fabrication and reactor development. The webinar will cover the following aspects of HALEU supply with a focus on the 10-20% enrichment range:

- Anticipated demand and timeline projections for HALEU
- Transportation needs
- Enrichment, conversion, and deconversion
- Legislative and regulatory issues

AGENDA

Wednesday, April 29, 2020 (Eastern Time)

EDT	Topic	Chair/Presenter
11:00 a.m.	Agenda Overview and Webinar Instructions	Everett Redmond
11:10 a.m.	Nuclear Energy Leadership Act (NELA)	Spencer Nelson
11:25 a.m.	Nuclear Energy Research and Development Act (NERDA)	Alyse Huffman
Transportation		
11:40 a.m.	▪ Daher Nuclear Technologies	Maik Hennebach, Andy Langston
12:00 p.m.	▪ DOE's Initial Approach for Large-Volume, UO ₂ Transport	Josh Jarrell
12:20 p.m.	▪ Establishment of a HALEU Advanced Reactor Strategic Reserve (Y-12)	Chris Robinson, Lloyd Jollay
12:40 p.m.	Break	
Regulatory		
12:50 p.m.	▪ NRC - Transportation	John McKirgan, Tim Harris, Gerry Jackson, Brian Smith
1:10 p.m.	▪ NRC - Category 2 Security	
Developers		
1:30 p.m.	▪ X-energy	Pete Pappano
1:50 p.m.	▪ Oklo	Jake DeWitte
2:10 p.m.	▪ TerraPower	Vince Gallacher
2:30 p.m.	Break	
2:40 p.m.	▪ Kairos	Micah Hackett
3:00 p.m.	▪ Lightbridge	James Malone
3:20 p.m.	▪ Ultrasafe	Mark Mitchell
3:40 p.m.	Summary and Q&A	Monica Regalbuto
4:20 p.m.	Closing Remarks	Andy Griffith
4:30 p.m.	Adjourn	