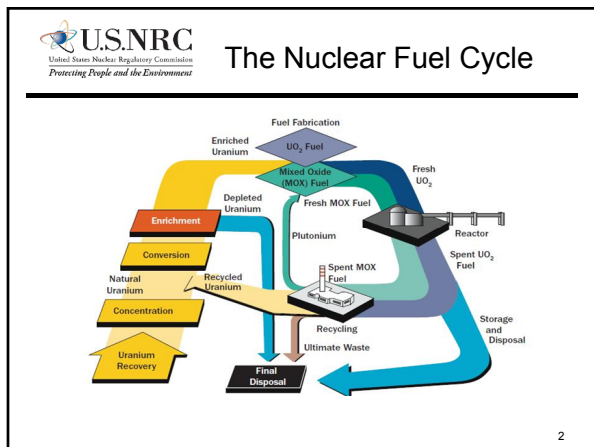




 United States Nuclear Regulatory Commission
Protecting People and the Environment

RIC 2012
Emerging Issues in the Nuclear Fuel Cycle

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Major U.S. Fuel Cycle Facilities

Facility	Location	Type	Status
Honeywell International, Inc.	Metropolis, IL	UF6* Production	Active
Global Nuclear Fuel-Americas, LLC	Wilmington, NC	Fuel Fabrication	Active
Westinghouse Electric Company, LLC	Columbia, SC	Fuel Fabrication	Active
Nuclear Fuel Services, Inc.	Erwin, TN	Fuel Fabrication	Active
AREVA NP, Inc. (Mt. Athas Road Facility)	Lynchburg, VA	Fuel Fabrication	Inactive
AREVA NP, Inc.	Richland, WA	Fuel Fabrication	Active
Babcock & Wilcox Nuclear Owners Group	Lynchburg, VA	Fuel Fabrication	Active
Shaw AREVA MOX Services, LLC	Aiken, SC	MOX* Fuel Fabrication	In Construction
U.S. Enrichment Corporation (USEC Inc.)	Paducah, KY	GDP* Uranium Enrichment	Active
Louisiana Energy Services (URENCO-USA)	Eunice, NM	Gas Centrifuge Uranium Enrichment	Partially active
USEC Inc.	Piketon, OH	Gas Centrifuge Uranium Enrichment	In Construction
AREVA Enrichment Services	Idaho Falls, ID	Gas Centrifuge Uranium Enrichment	Licensing Complete
GE-Hitachi	Wilmington, NC	Laser-Separation Enrichment	Under review
International Isotopes Inc.	Hobbs, NM	UF6* Deconversion	Under review


*UF6- Uranium Hexafluoride; GDP- Gaseous Diffusion Plant; MOX- Mixed Oxide


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Emerging Issues in the Nuclear Fuel Cycle


- Fuel Cycle Regulatory Issues
 - International Safeguards
 - Fuel Cycle Oversight Process
- Fuel Cycle Facility Security Issues
 - Chemical Security
- Resource Challenges
- Fukushima Event Impact
 - Temporary Instruction (TI) 2600/015
 - Implementation and Next Steps

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Emerging Issues in the Nuclear Fuel Cycle

Our Distinguished Speakers:



- Richard Stratford
- William Szymanski
- James Moorman
- Steve Laffin

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