



Fuel for America

Virginia's Nuclear Heritage

- Dominion (North Anna & Surry)
 - 4 Nuclear Reactors
 - Nuclear provides 36.3% of Virginia's electricity
- Babcock & Wilcox (Lynchburg)
 - Military fuel fabrication
 - IST mPower reactor facility, Bedford VA
- AREVA (Lynchburg)
 - Reactor design and maintenance
- Naval Nuclear Fleet in Norfolk
 - Construction and stationed
- Nuclear Engineering Curriculum
 - Virginia Commonwealth, Virginia Tech
- All need FUEL = Virginia Uranium
 - 119 million lbs of Resources

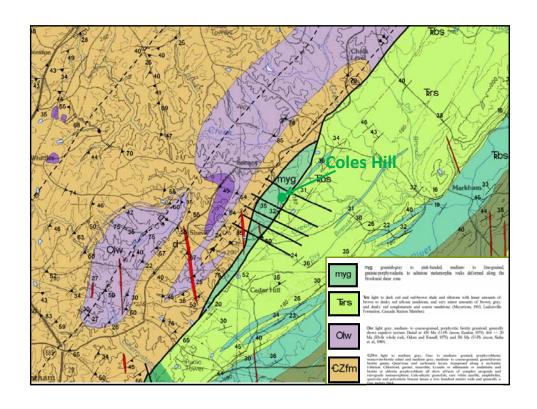


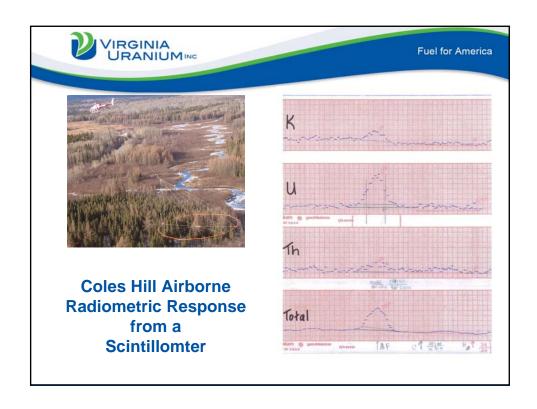
Virginia's Mining Heritage

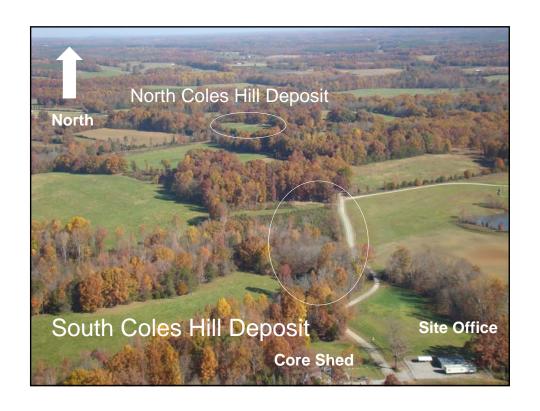
- Colonist began mining in 1609
- First US Coal mine in Richmond 1748
- 400 different minerals found and
 - 30+ different minerals produced in Virginia
 - Annual value of nearly \$2 billion
- 10th largest producer of coal
- 5th largest producer of crushed stone
- Home to many prominent mining companies
 - Alpha Natural, Luck Stone
- One of four companies to manufacture 400 ton mining trucks
 - Liebherr, Newport News
- Virginia Tech Mining Engineering & Geosciences

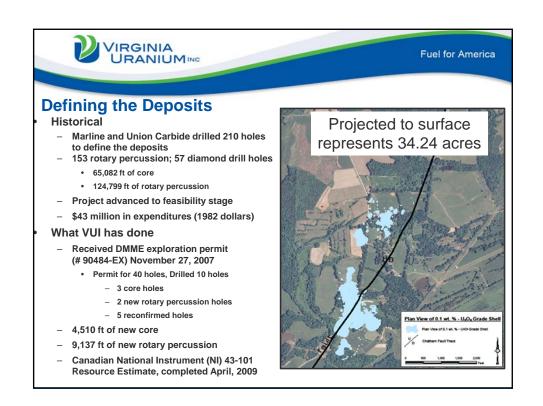


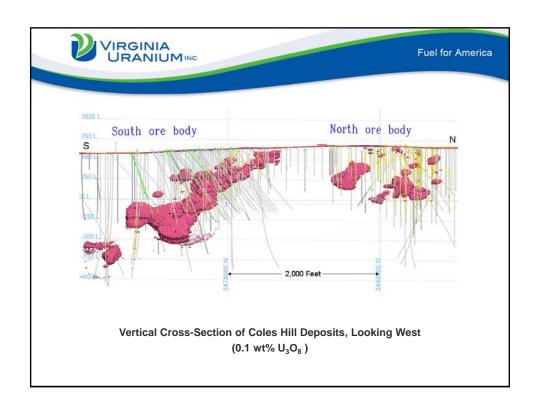


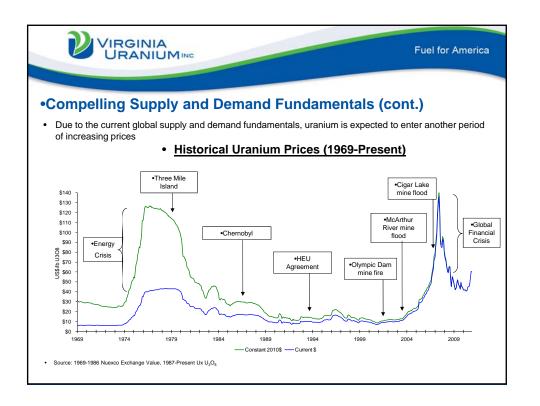


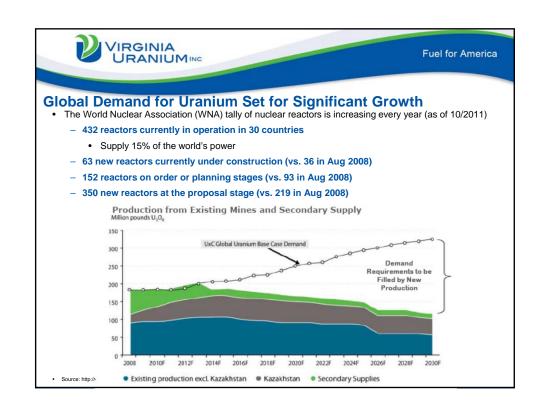


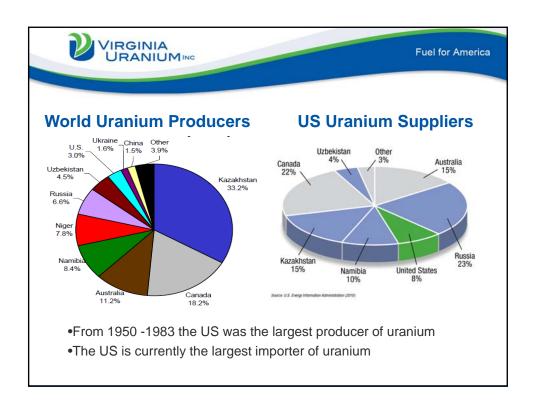




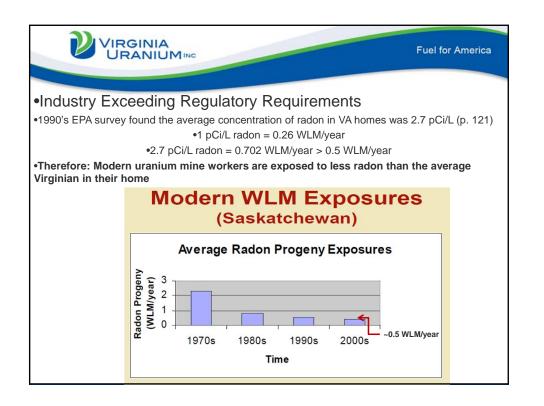


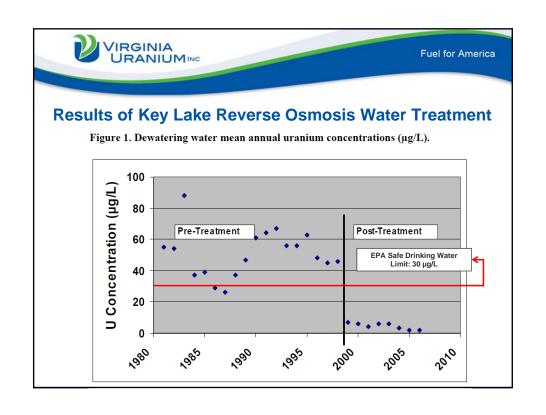


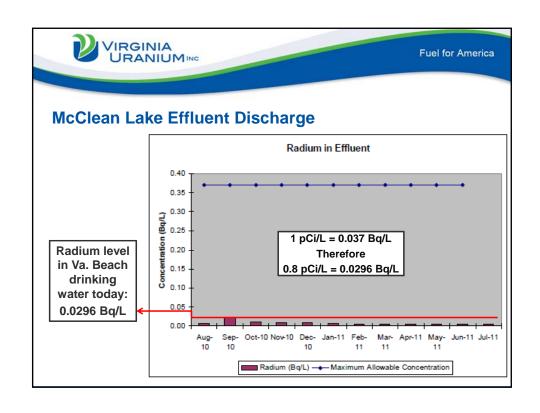


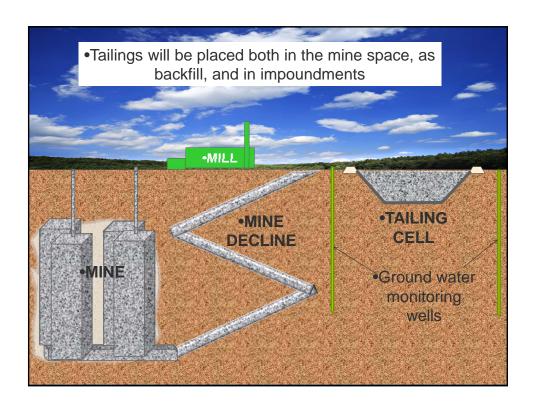






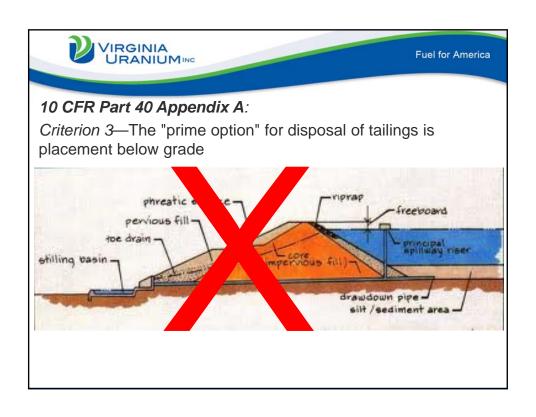


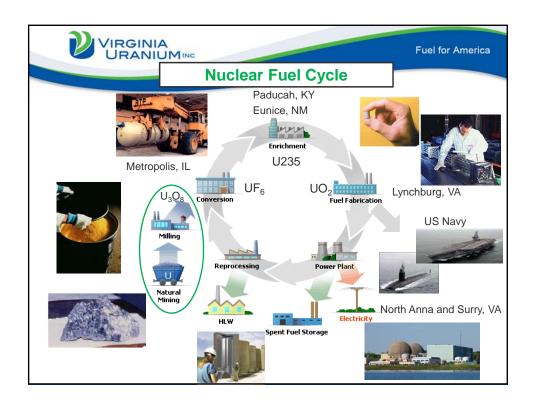


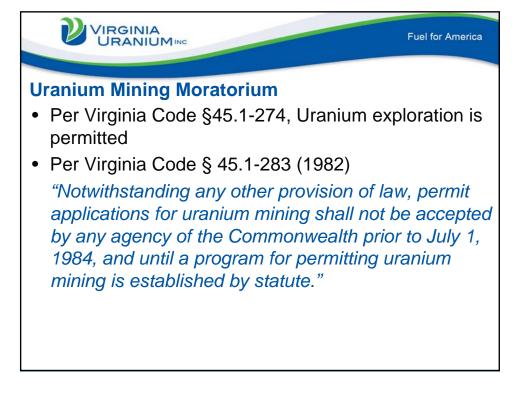


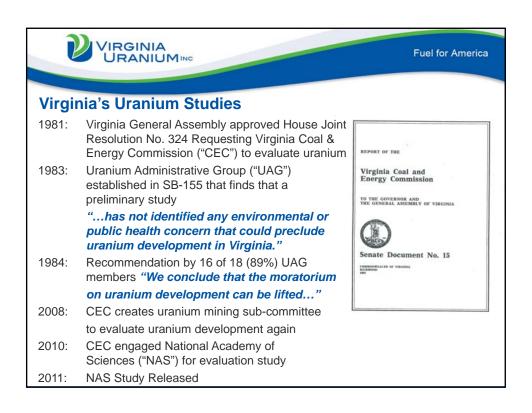
"over the past few decades, improvements have been made to tailings management systems to isolate tailings from the environment, and below-grade disposal practices have been developed specifically to address concerns regarding tailings dam failures. Modern tailings management sites are designed so that tailings remain segregated from the water cycle to control mobility of metals and radioactive contaminants for at least 200 years, and possibly up to 1,000 years." (NAS Report, p. 15)

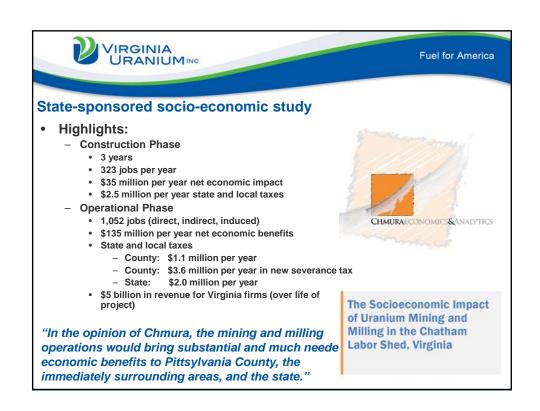


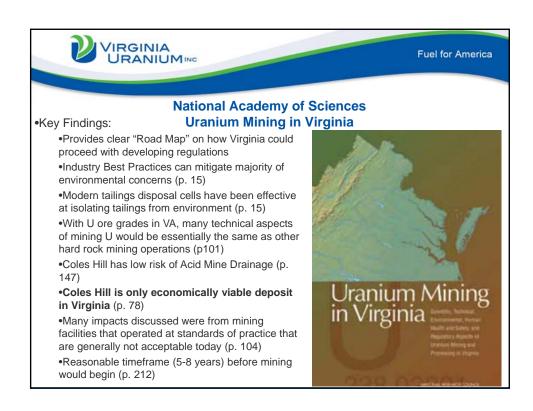


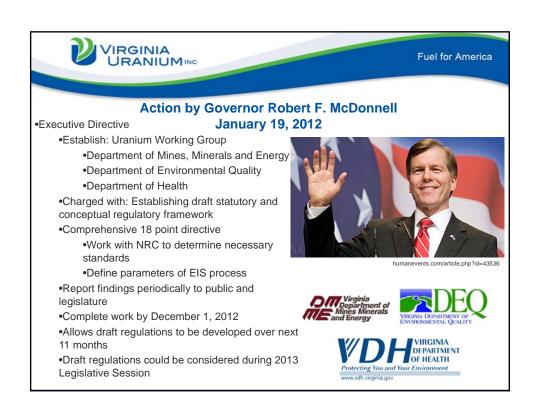














Uranium Resources in Virginia World-Class Deposit

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