

Lockheed Martin Corporation Sandia National Laboratories

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Training Proposal Susan Y. Pickering, Senior Manager Sandia National Laboratories, sypicke@sandia.gov

NUCLEAR ENERGY & GLOBAL SECURITY



T E C H N O L O G I E S

Sandia is a multiprogram laboratory operated by Sandia Corporation, a
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for the United States Department of Energy's National Nuclear Security
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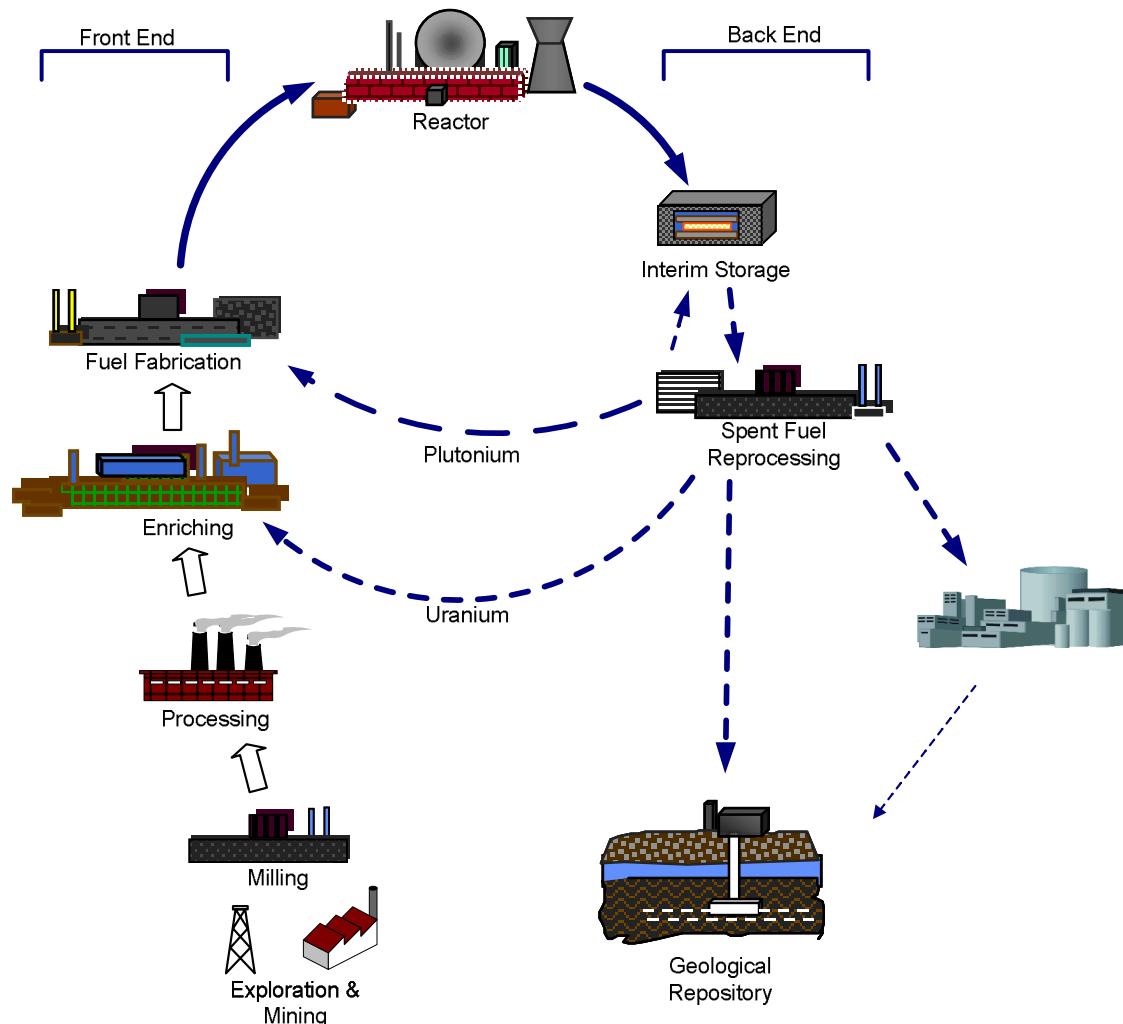


under contract DE-AC04-94AL85000



Note to reviewers – this presentation contains a work proposal we want to make to two Chinese companies for them to contract with us to perform.

Nuclear Fuel Cycle Expertise



Proposal

- SNL can provide a variety of training to strengthen nuclear safety capabilities
- The training is flexible and can take many forms
- Comprehensive nuclear safety curriculum
- Nuclear fuel cycle: design, testing, certification, risk assessment
 - Reactor
 - Storage
 - Reprocessing
 - Transportation
 - Disposal
- Nuclear safety
 - Probabilistic safety analysis
 - Severe accident analysis including MELCOR and MAACS
- Regulatory framework, design certification, safety review plan