DEFENSE WASTE REPOSITORY

A SEPARATE DEFENSE REPOSITORY

On March 24, 2015, President Obama authorized the Department to develop a separate repository for highlevel radioactive waste resulting from atomic energy defense activities. The Department is currently evaluating this option. Establishing a separate repository for defense high-level radioactive waste would:



isolate the waste materials safely and permanently



make progress toward meeting Federal government commitments and cleanup from the Cold War legacy



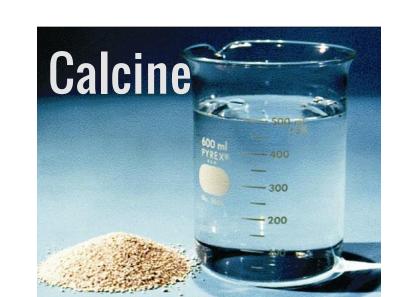
support national security objectives



benefit from simpler design and implementation, leading to a faster and less expensive facility



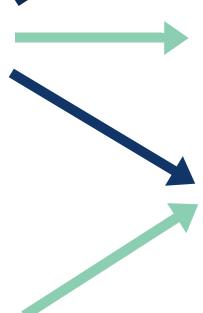
inform the design, siting, licensing, and successful development of a repository for commercial spent nuclear fuel through lessons learned

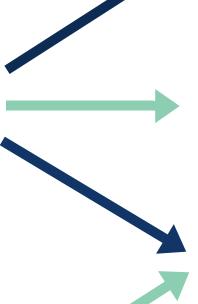


Research & **Production** Reactors

Naval

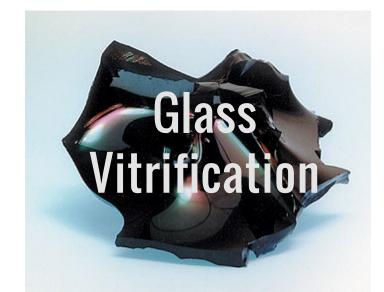
Propulsion













WASTE TYPES

Interested host communities of a defense waste repository could have a say in what materials are accepted at a potential site. Types of materials include:



Defense high-level waste in vitrified glass



Calcined tank waste



DOE-managed spent nuclear fuel from research and production activities

DEPARTMENT OF ENERGY-MANAGED WASTES

> Geologic Disposal

CURRENT INVENTORY OF HIGH-LEVEL RADIOACTIVE WASTE:

~90,000,000

gallons of liquids, sludges, and solids