



### H-Canyon and L-Basin Alternatives

**Maxcine Maxted** 

Nuclear Materials Program Manager

Citizens Advisory Board

March 26, 2019

SAVANNAH RIVER SITE • AIKEN • SC • WWW.SRS.GOV

• To provide potential topics for the Nuclear Materials Committee for use in development of their 2019 Work Plan.

## 2019 Nuclear Materials Work Plan Topic

| Work Plan Item: | H-Canyon and L-Basin Alternatives   |
|-----------------|---|
| Description:    | Current law (Title 50 USC section 2633) requires that H-Canyon be maintained in a high<br>state of readiness. There are several options, all dependent on appropriations, that might<br>be pursued in the future to process or store the L-Basin SNF Inventory. SRS DOE EM will<br>provide a briefing on these options. |
|                 | From a community perspective, provide a recommendation to EM SRS as to the option, from those presented or an alternate developed by the CAB, that would best serve the environmental concerns of the community.  |
|                 |   |
|                 | Contract of the second  |

## Panel Members

- Lakela Lofton Facility Manager for L-Basin
- Rick Burns Facility Manager for H-Canyon
- Michael Lewczyk Engineering Manager for H-Canyon
- Jimmy Winkler EMO Integration
- Bill Bates SRNL (Dry Storage)
- Eloy Saldivar EMO Integration (System Plan)
- Maxcine Maxted DOE NM Program Manager

## Why Operate H-Canyon?

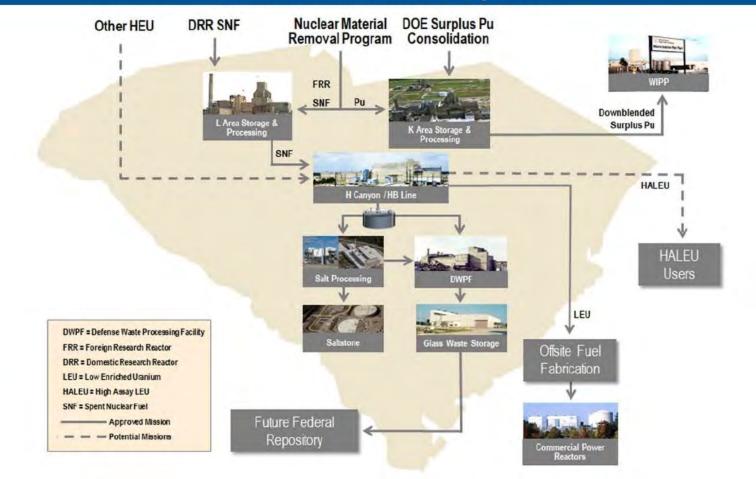
 Law Requires it: 50 U.S. Code § 2633 – Continuation of processing, treatment, and disposal of legacy nuclear materials :

which states "The Secretary of Energy <u>shall continue operations</u> and maintain a high state of readiness at <u>the H-Canyon facility</u> at the Savannah River Site, Aiken, South Carolina, and <u>shall provide technical staff necessary to operate</u> and <u>so maintain such facility</u>.

(Pub. L 107-314, div. D, title XLIV, § 4453, formerly Pub. L. 106-398, § 1 [div.C, title XXXI, §3137(a)], Oct. 30, 2000, 114 Stat. 1654, 1654A-460; renumbered Pub. L 107-314, div. D, title XLIV, §4453, and amended Pub. L. 108-136, div. C, title XXXI, §§ 3115(a),3141(g)(23)(A), Nov. 24, 2003, 117 Stat. 1745, 1769.)

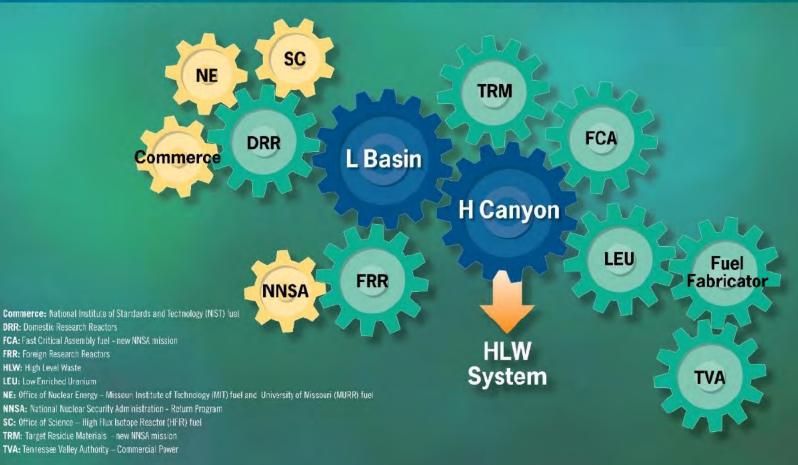
- Benefits of Processing material
  - Puts materials in a more stable condition (versus long term storage) and allows reuse of some materials

### **SRS Nuclear Materials Management**



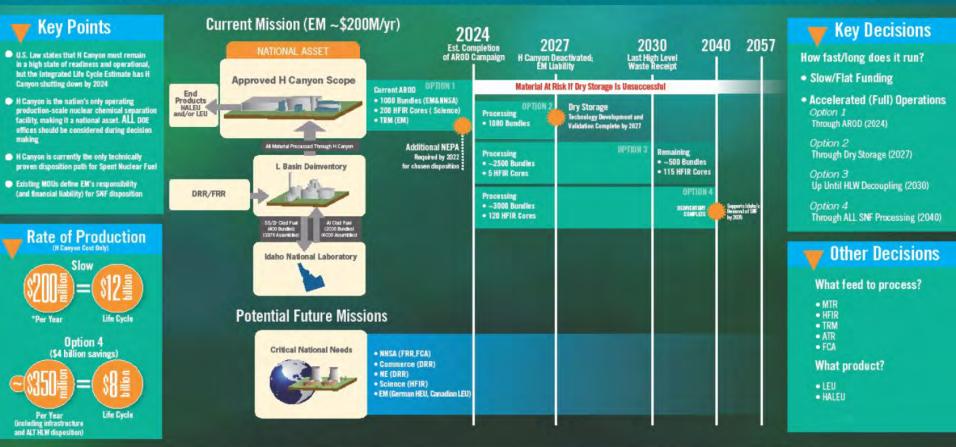
### Savannah River Site Integration of Nuclear Materials Program

#### ENVIRONMENTAL STEWARDSHIP . NATIONAL SECURITY . SCIENCE AND ENERGY



# Savannah River Site H Canyon Mission Decisions

#### ENVIRONMENTAL STEWARDSHIP . NATIONAL SECURITY . SCIENCE AND ENERGY



October 2018

180000117

### Now you will hear from others on the panel

SAVANNAH RIVER SITE • AIKEN • SC • WWW.SRS.GOV

## Wrap Up of Discussion

- Just reminder of everything presented today
  - L-basin
  - H-Canyon
  - Dry Storage
  - System Plan
  - This should provide you with information necessary to discuss the public's opinions on what is the CAB's position on what level of processing DOE should be proceeding with in regards to SRS SNF inventory and H-Canyon operations
  - Panel is now available for questions.