



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
**ENVIRONMENTAL
MANAGEMENT**

Challenges in DOE HLW Tank Management

Ken Picha

Senior Advisor

Office of Environmental Management

Karthik Subramanian

Manager, One System

Washington River Protection Solutions

March 8, 2017

Previous Challenges In US DOE HLW Tank Management Session Topics

- 2014 Session

- General discussion of successes and challenges of the US DOE High Level Waste tank management program from the perspective of different field DOE site representatives covering technical, regulatory, human capital and budgetary areas.

- 2015 Session

- Focus on Startup and Commissioning of associated facilities
- Brought in international community with presentation from representative from Areva regarding experience with startup and commissioning of French vitrification facilities

- 2016 Session

- Focus on “doing more with less”, recognizing funding challenges to perform necessary work
- Continued international involvement with another management representative from Areva

- Focus

Making progress under differing stakeholder and regulatory environments

- Providing insight into differing regulatory and stakeholder considerations at different tank waste sites:
 - Savannah River Site
 - Idaho National Laboratory
 - West Valley Demonstration Project
 - UK Sellafield site
- Mechanisms for effectively and consistently communicating results