

Savannah River National Laboratory - An Update on the EM National Lab

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Laboratory Director

*Briefing for Citizens Advisory Board
May 18, 2015*

Celebrating Ten Years as a National Lab

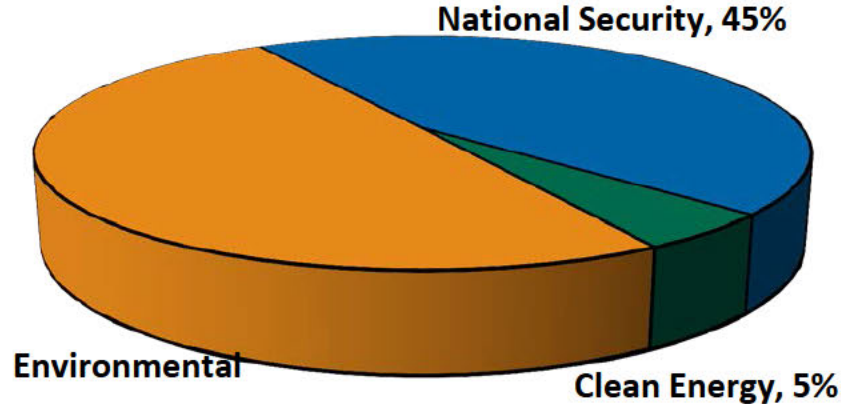


SRNL at a Glance

- ~ 832 Staff
- ~ \$214M (FY15 projected)
- ~ 300 Discrete Work Activities

Multi-Program Laboratory

> 65% of funding from non-SRS customers



SRNL FY15 Execution

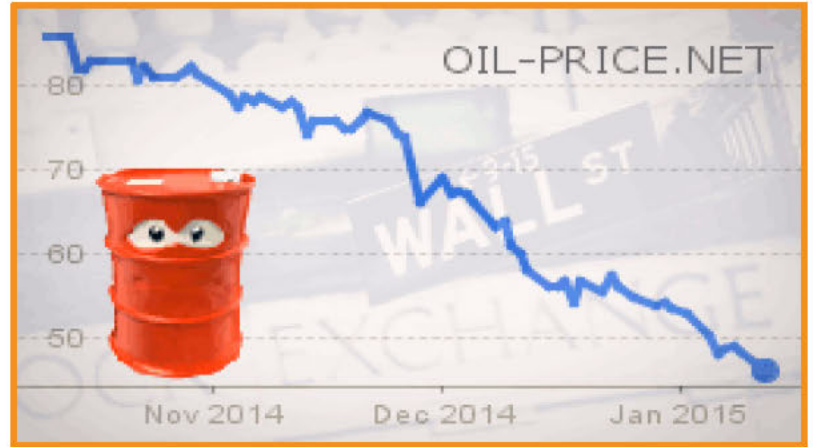
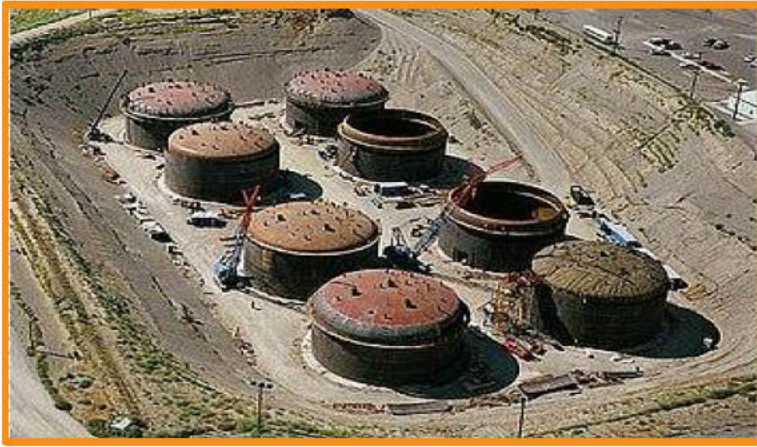
Core Nuclear Capabilities

- Environmental Remediation and Risk Reduction
- Nuclear Materials Processing and Disposition
- Nuclear Detection, Characterization and Assessments
- Gas Processing, Storage and Transfer Systems

Safest National Laboratory



Focus on National Challenges



Savannah River National Laboratory
OPERATED BY SAVANNAH RIVER NUCLEAR SOLUTIONS

We put science to work.™

SRNL is Critical to DOE-EM Success



Over \$5 billion in projected savings in past five years

Advanced Technologies



Minority Serving Institution
Program Management



Leading Initiatives at Hanford, WIPP



In National Security, Our Reach Extends Far Beyond SRS



Tritium Expertise



Event Signatures



FBI Laboratory



Mobile Plutonium Facility



SRNL Contributes to Clean Energy Initiatives



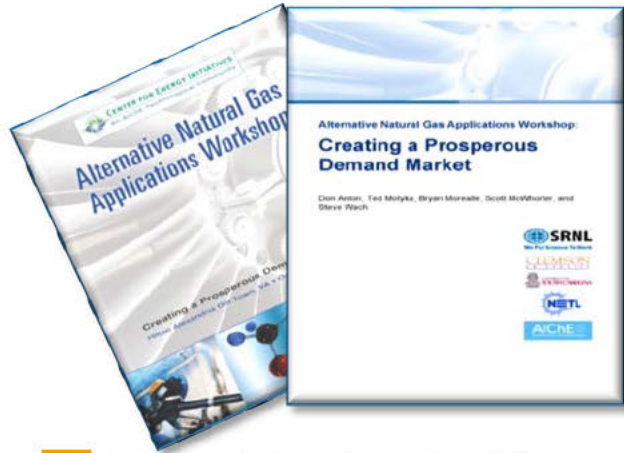
Hydrogen Research



Safe Nuclear Fuel



SmartGrid



Natural Gas Leadership



Solar Research Recognition



SRNL's Work and Reputation are International in Scope



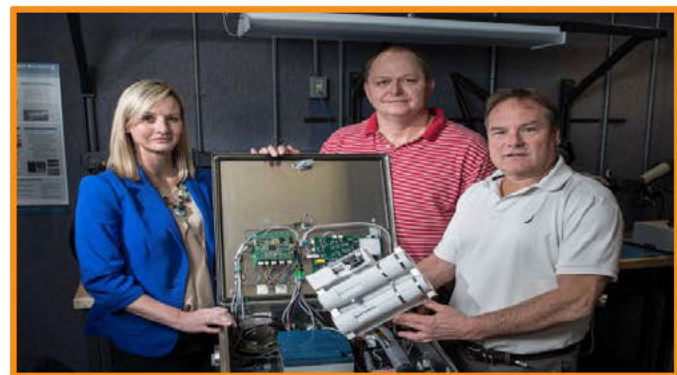
Support to Fukushima



Nuclear Packaging



Technical Assistance

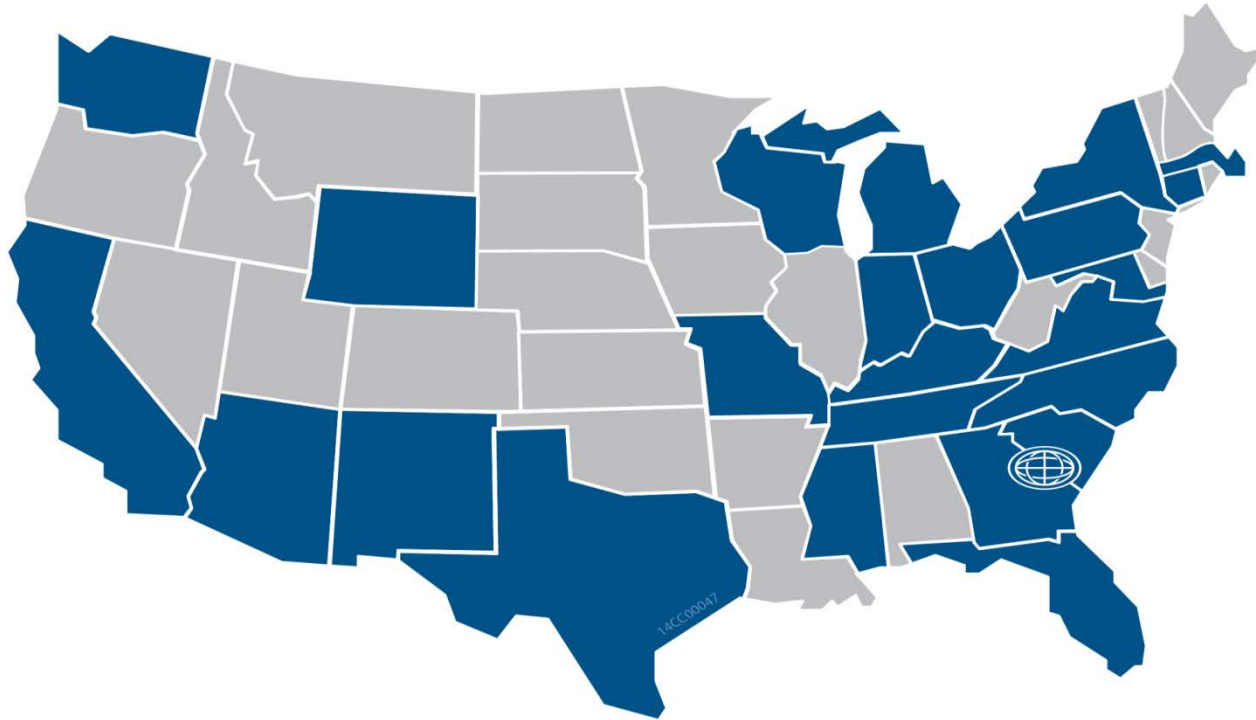


Nonproliferation: International protocols



Impacting National Economic Competitiveness

**Working with Companies in 24 States Through CRADAs and Other Agreements
(10 agreements in South Carolina)
Work for Non-Federal Entities (~\$24M 2008–2014)**



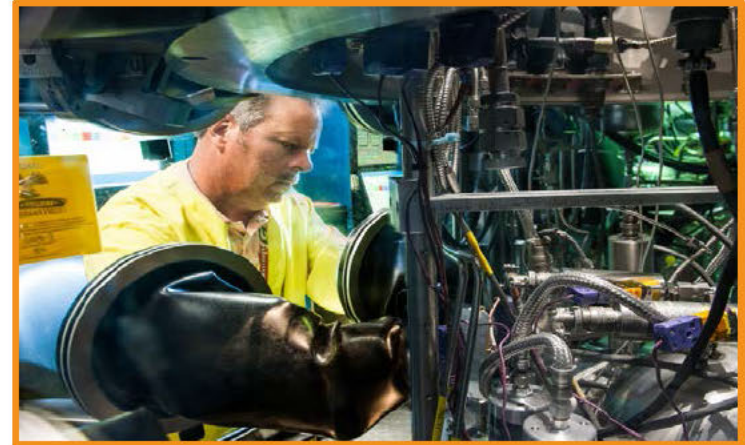
A Plan that Builds SRNL's Value to the Nation



EM Has Identified a Need for a New Collaborative

- Adapt technology to reduce risk and cost
- Develop a workforce that will meet its needs
- Leverage expertise of academia and industry to further its mission

A Nuclear Chemical Manufacturing Collaborative (NCMC) is needed to adapt advanced manufacturing technologies for DOE missions.



SRNL: Science and Technology for National Challenges

