

EM Site-Specific Advisory Board Topics and Accomplishments

EM SSAB Chairs Meeting • Santa Fe, New Mexico
September 2, 2015



Northern New Mexico Citizens' Advisory Board

▶ Consent Order

- Entered into discussions with DOE and NMED concerning hearings and meetings on the Consent Order to address modifications necessary before December 31, 2015.
 - I. The NNMCAB would like the opportunity to provide input into the priorities and sequencing of the Consent Order work.
 - II. NNMCAB could facilitate discussions with DOE and NMED in a public format.



Northern New Mexico Citizens' Advisory Board

► Supplemental Environmental Projects

- Considered, evaluated, and approved Supplemental Environmental Projects (SEP) recommendation in April 2015. Forwarded to DOE for consideration prior to issuance of fines and penalties regarding radiation due to breached drum. The general Principles of Agreement issued on April 30, 2015 between NMED and DOE/LANS/WIPP settled all claims. Fines and penalties encompassing \$73M for SEPs in Los Alamos and Carlsbad, New Mexico. The agreement was facilitated and based, at least in part, on the NNMCAB SEP Recommendation



Northern New Mexico Citizens' Advisory Board

► Phase II Accident Investigation

- Ted Wyka of the Phase II Accident Investigation Board presented the NNM CAB with findings regarding the accident at WIPP in May 2015. The Investigation Purpose and Scope was to:
 - I. Gather and analyze the facts.
 - II. Determine why accident happened and if it was preventable.
 - III. Identify causal factors and conclusions.
 - IV. Provide clear recommendations to prevent recurrence of the event.
- The NNM CAB would like the opportunity to review and provide comments on the Corrective Action Plan.



Northern New Mexico Citizens' Advisory Board

▶ 2017 Project Prioritization

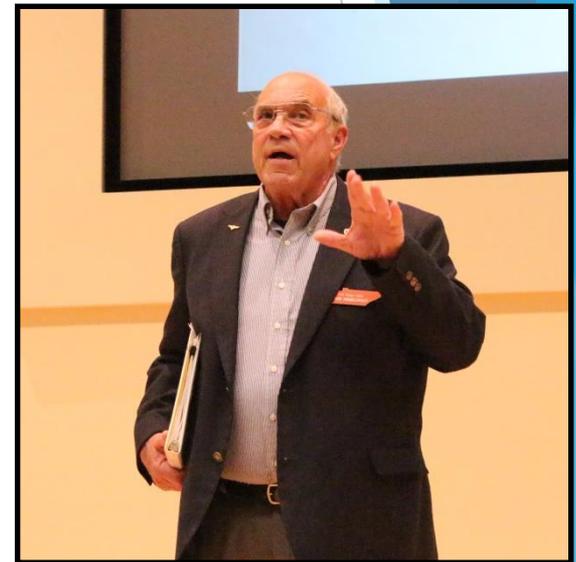
- Meeting was held with DOE to discuss Project Campaign Priorities for Fiscal Year 2017. The board provided input to DOE on project prioritization based on need and available funding.



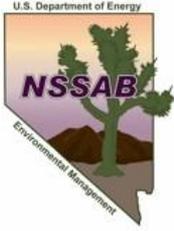
Oak Ridge Site-Specific Advisory Board

Participated in a community workshop on the FY 2017 DOE Oak Ridge EM budget in April.

- ▶ DOE Oak Ridge EM provided a list of priorities to consider.
- ▶ ORSSAB members ranked the priorities and an overall score was given each priority.
- ▶ Using the ranked priorities ORSSAB submitted Recommendation 228 on the FY 2017 DOE Oak Ridge EM Budget Request.



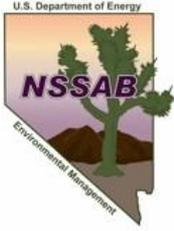
***ORSSAB Chair Dave Hemelright
at the April community workshop
on the DOE Oak Ridge EM budget.***



Nevada Site-Specific Advisory Board

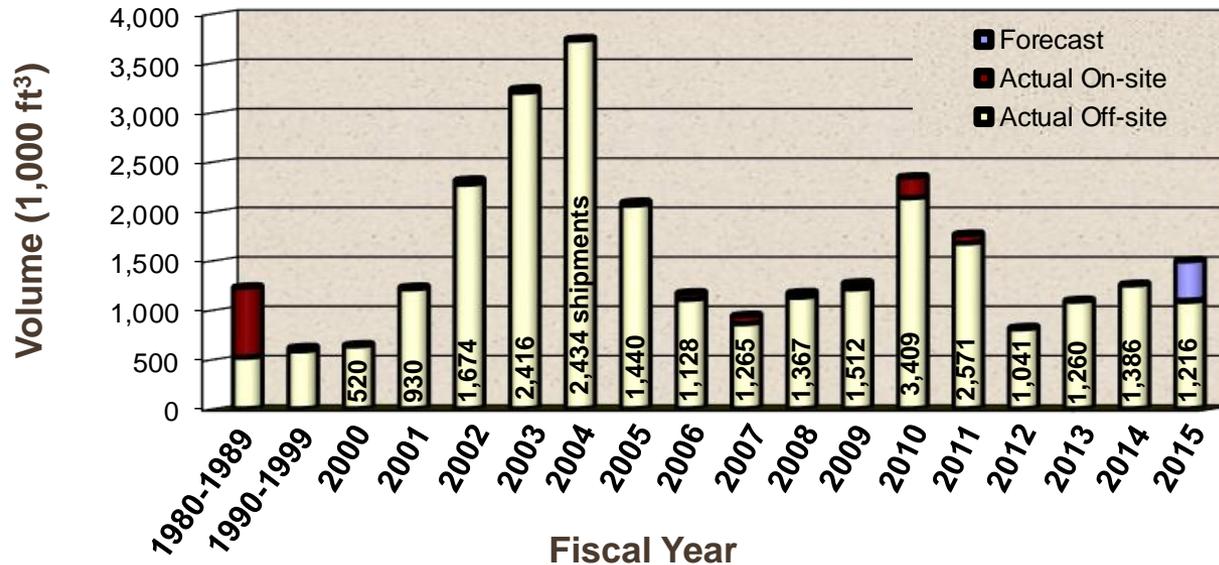
- ▶ NSSAB supports low-level waste (LLW) and mixed low-level (MLLW) disposal at the Nevada National Security Site (NNSS)
- ▶ The NNSS is a vital DOE resource for national waste disposal activities since 1961
- ▶ 41 DOE generators (locations) have disposed of more than 46 million cubic feet of LLW and MLLW at the NNSS





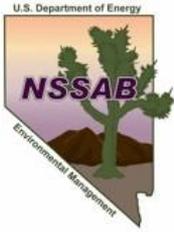
Nevada Site-Specific Advisory Board

NNSS Low-Level and Mixed Low-Level Disposal Volumes*

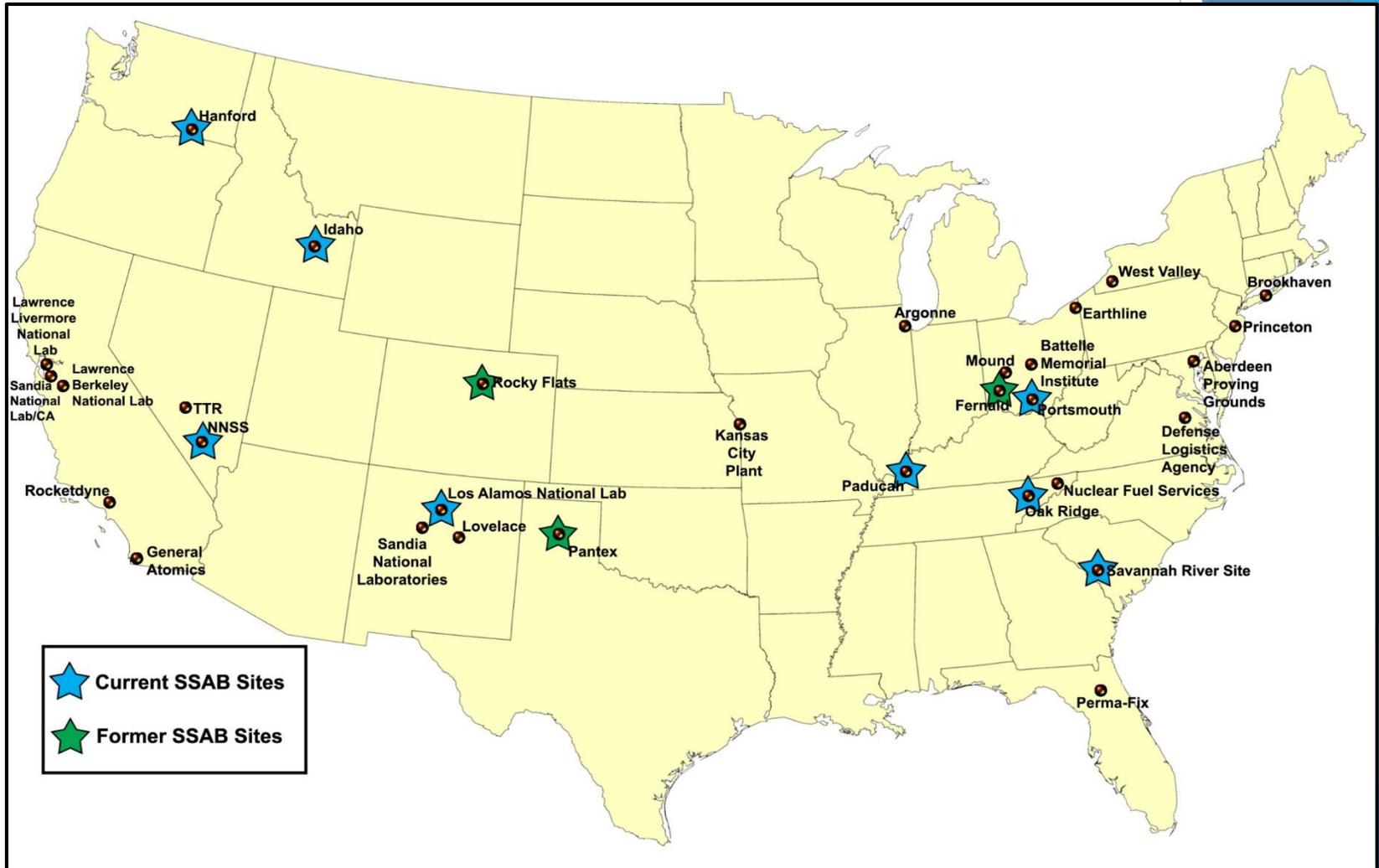


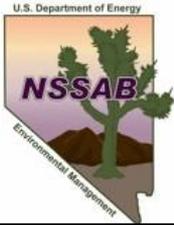
*Volumes through August 18, 2015

**# shipments noted on each bar



Nevada Site-Specific Advisory Board

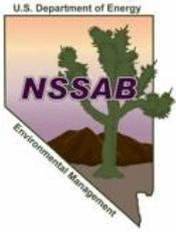




Nevada Site-Specific Advisory Board



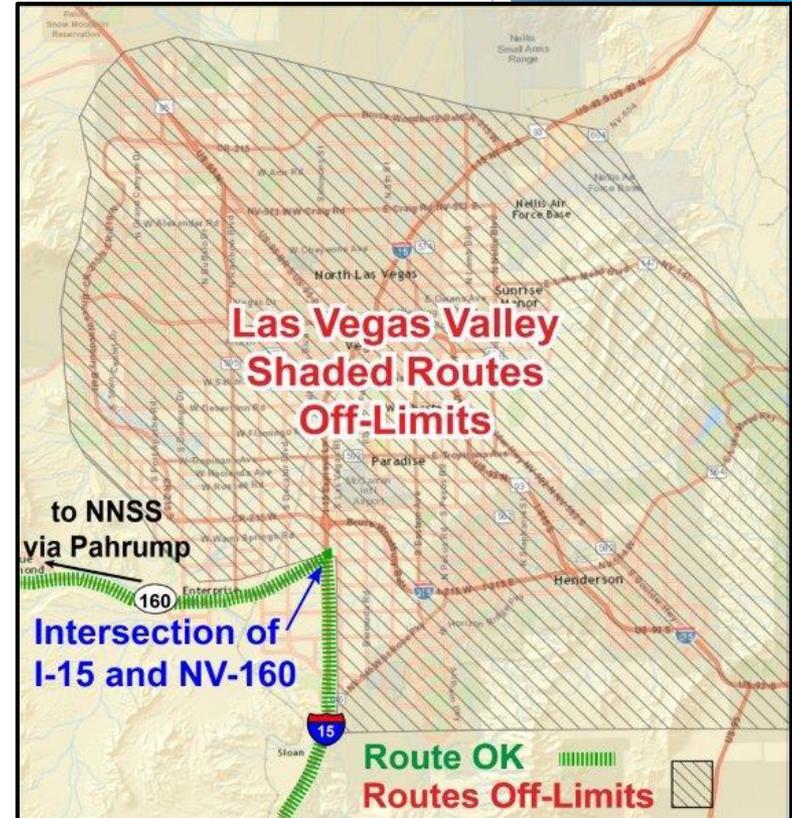
- ▶ Waste to the NNSA travels on public roads and highways
- ▶ There is no rail to the NNSA

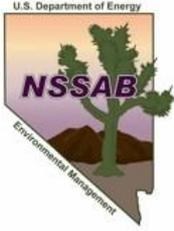


Nevada Site-Specific Advisory Board

Routes

- ▶ DOE has an agreement with the State of Nevada that requires waste carriers to avoid the Las Vegas Valley

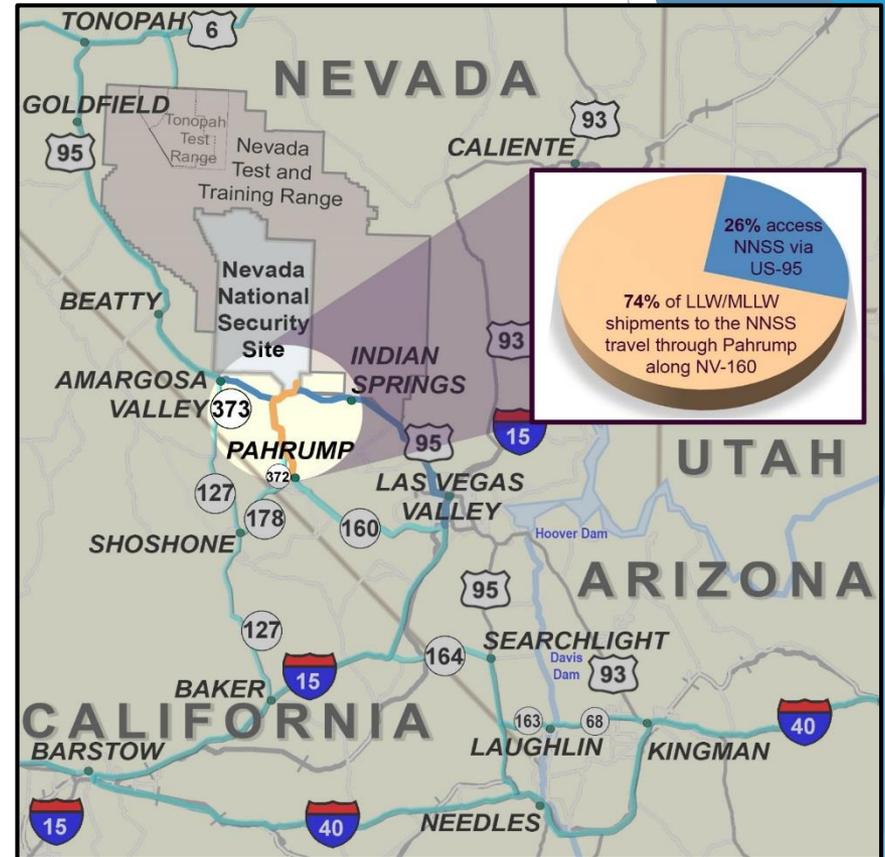


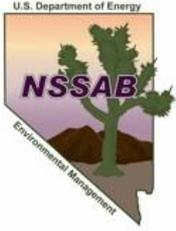


Nevada Site-Specific Advisory Board

FY 2010 – FY 2014 Routing Statistics

- ▶ 9,667 shipments of waste were made to the NNSS
- ▶ 74% traveled through Pahrump along NV-160
 - Population ~36,000



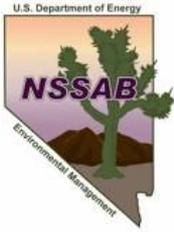


Nevada Site-Specific Advisory Board

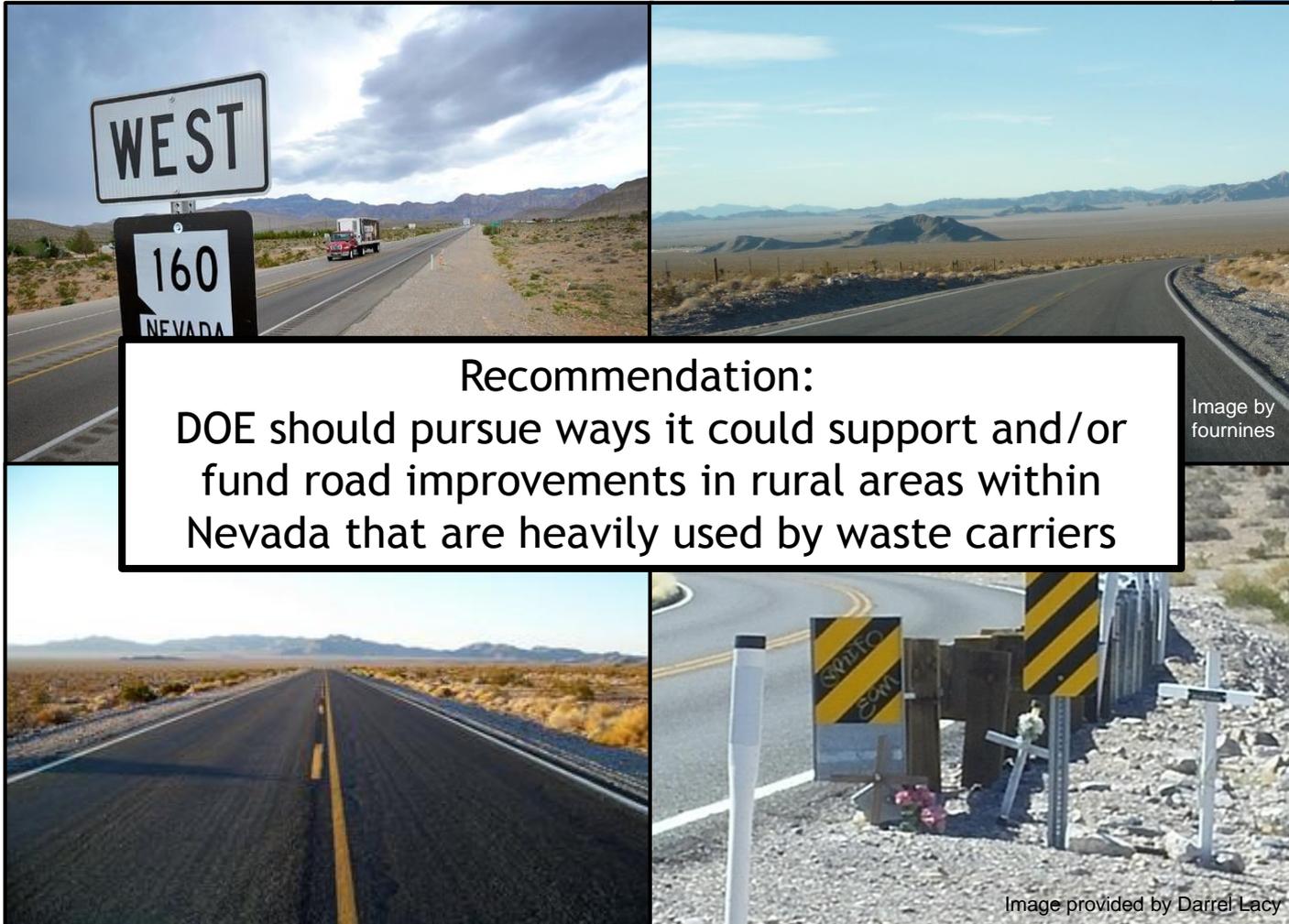
Many of the waste routes in Nevada are two lane highways.



These roads may not have shoulders and pull off locations.



Nevada Site-Specific Advisory Board



Recommendation:
DOE should pursue ways it could support and/or fund road improvements in rural areas within Nevada that are heavily used by waste carriers

Image by fourines

Image provided by Darrel Lacy



Idaho National Laboratory Site Environmental Management Citizens Advisory Board

► Issues

- WIPP: The status of recovery efforts at WIPP and its potential impacts on INL EM and other milestones
- Integrated Waste Treatment Unit: Progress for startup of the IWTU and its potential impact to INL EM milestones
- ICP Procurement: The Idaho Cleanup Project is in the midst of a new procurement (shifting from 2 to 4 contracts)

► Accomplishments

- Completed CAB elections and elected a new vice chair
- Transitioned to new Designated Deputy Federal Official and working more closely on DOE/Board communications

► Activities

- Continue to explore ways to involve more students in the CAB



Portsmouth Site-Specific Advisory Board

▶ Secretarial Determination Concerning Uranium Barter Program

- Community expectation is that the President's 2017 budget request is reflective of the loss of dollars associated with Secretarial Determination and additional funding will be requested to offset this decrease and ensure project continuity and workforce stability.

▶ Waste Disposition ROD

- Community is looking forward toward reindustrialization, but needs assurance DOE will consolidate existing landfills and plumes into On-Site Waste Disposal Facility and not dispose any barrier material or DUF_6 waste into OSWDF.

▶ Property Transfer

- The Community supports the site characterization efforts currently underway so property transfer can occur in conjunction with D&D activities where possible.



Paducah Citizens Advisory Board

We expect:

- ▶ Active D&D at the Paducah site
- ▶ Project continuity and economic stability through sequenced activities with adequate funding levels
- ▶ A culture of open dialogue between all stakeholders and all regulators
- ▶ Maximization of recycling and asset transfer opportunities



Hanford Advisory Board

Accomplishments:

- ▶ FY16 Work plan to be adopted in September
 - Collaborative approach with an emphasis on potential products, desired outcomes, and member and agency commitments
- ▶ Updated HAB procedure documents
- ▶ Consensus advice on FY16 and 17 budget priorities
- ▶ Nine new Board members



Hanford Advisory Board

Board Concerns:

- ▶ Tank Vapor Plan implementation
- ▶ Tri-Party Agency milestone changes
- ▶ Use of Consortium for Risk Evaluation with Stakeholder Participation (CRESP) report to change sequence and timing of Hanford cleanup actions



Savannah River Citizens' Advisory Board

- ▶ **Topic:** On January 27, 2014, the Savannah River Site (SRS) Citizens Advisory Board (CAB) adopted Recommendation 317.
 - To fund an Independent Environmental Monitoring Program in the State of Georgia.



Savannah River Citizens' Advisory Board

- ▶ **The CAB recommends that the DOE-SR:**
 - Initiate conversation with the State of Georgia for the purpose of funding an environmental monitoring program similar to the Environmental Surveillance and Oversight Program funded in South Carolina.



Savannah River Citizens' Advisory Board

► The DOE SR Response:

- The DOE Savannah River Operations Office does not accept your recommendation.
- However, in recognition of the expressed concerns of the CAB, and the citizens of Georgia, the DOE-SR proposes to request an evaluation by the University of Georgia's Savannah River Ecology Laboratory (SREL).
- To determine the scope and relevance of all radiological environmental monitoring efforts associated with the site in the State of Georgia.



Savannah River Citizens' Advisory Board

- ▶ **Communications Recommendations by SREL:**
 - ▶ While the DOE-SR disseminates information to a wide variety of stakeholders in both South Carolina and Georgia, the information provided is largely technical in nature and assumes that the individuals receiving this information have the ability to interpret the data and draw conclusions regarding risk.



Savannah River Citizens' Advisory Board

► **Communications Recommendations by SREL:**

- For this reason, and considering the concerns of local community members about radiological health risks, SREL recommends that DOE-SR takes the following actions relative to the public outreach and education program:
 - Consider developing a strategy that incorporates limited monitoring data as a basis for providing outreach and education that can help local residents draw their own conclusions concerning health risks.
 - Utilize local community leaders to assist in the development in such education and outreach program and work with them to reach community members for delivery of educational programs and materials.



Savannah River Citizens' Advisory Board

- ▶ SREL has engaged Georgia Women's Action for New Directions (WAND) to assist them with providing sound, scientifically-based education and outreach on radionuclide monitoring programs and risks associated with radionuclides in the environment to local communities in Georgia.



Savannah River Citizens' Advisory Board

► Accomplishments/Activities

- Dr. Hopson, Chair A&O Committee is currently working to develop a Student Liaison Program, and mission statement.
- Participated in a conference call to discuss ideas for the Student Liaison Program.
- Invited to participate in a STEM Career Connection Day on October 22, 2015.



Savannah River Citizens' Advisory Board

► Summary:

- This presentation addressed the Communications Recommendation by SREL.
- It focuses on delivering public outreach and education that the general public can understand to make decisions regarding risks.
- There are other recommendations to the DOE-SR that are being addressed by the site.
- Developing a Student Liaison Program for the SRS CAB.



Savannah River Citizens' Advisory Board

To obtain a complete copy of the technical review report, please visit our web site at cab.srs.gov