

### **ARRA Work at the SRS**

2009 DOE ISM Conference August 26-27, 2009

Charles L. Munns
President and CEO
Savannah River Nuclear Solutions, LLC





### **Chuck Munns**

- Since August 2008, President & CEO of Savannah River Nuclear Solutions, LLC
- 34-years U.S. Navy, attaining rank of Vice Admiral
  - Commander of U.S. Submarine Force
    - All U.S. submarines worldwide
    - \$12 Billion budget employing more than 21,000 people



### Overall Plan for ARRA

#### What

- In conjunction with normally appropriated work
- Accelerate nuclear waste removal
- Environmental risk reduction
- Area cleanup

#### Why

- Provide or retain jobs, stimulate the economy
- Accelerate Site area cleanup

#### How

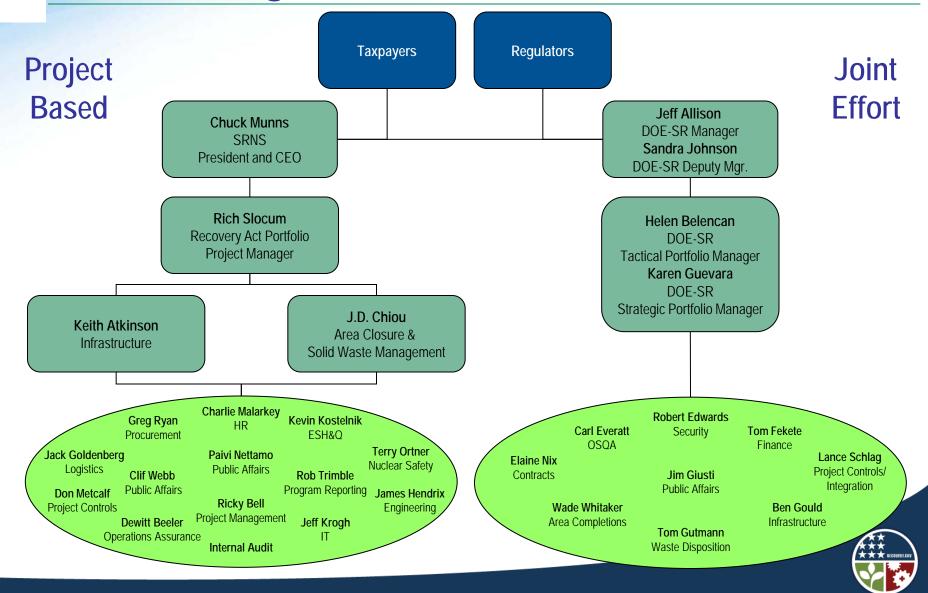
- Plan, mobilize, project execution, report, stand down
- ISM rigor

#### Who

- 2,000 3,000 People
- Special skills, construction, general support
- Priority is local



### **ARRA** Organization



### **Major Observations**

- Safely expand site work by 30% for 30 months
- Put people to work while cleaning up the "neighborhood"
- Generate room for future growth
- Create workforce experienced in culture of nuclear work
- Accountability & transparency



More than 13,500 job applicants attend five job fairs held by SRS this summer



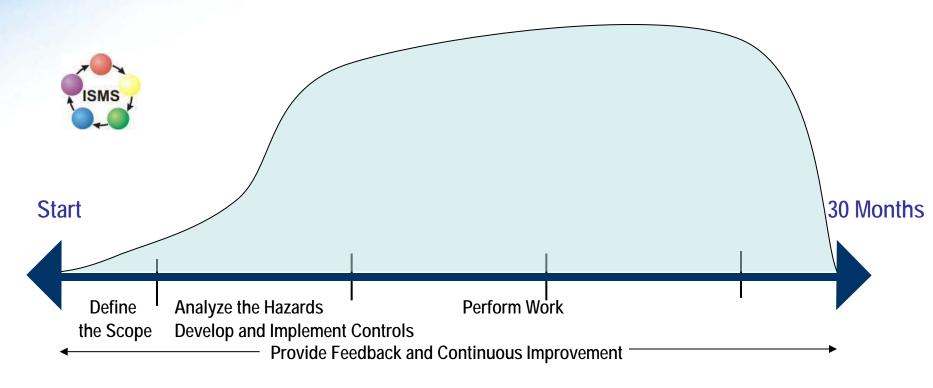
Complete and thorough training of Recovery Act workers is essential



Productive workers with skills ready for the nuclear renaissance



### How It's Done - ISM RIGOR



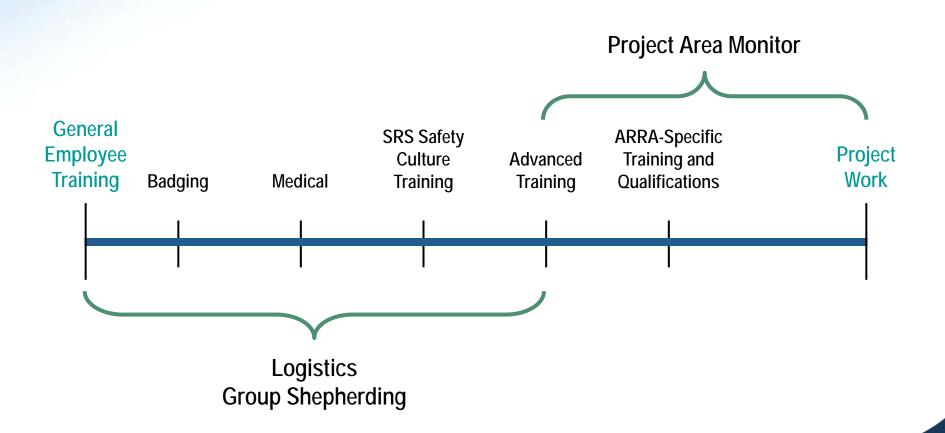
- Scope
- Contract
- Baseline
- Responsibility
- Authorities

- Train
- Hazard ID
- Special Gear
- · Procedure Materials

- Project Teams
- Safety Engineering
- Turn Key Pieces



# The Process of Ensuring Safe Work





### Methods to Accomplish Safe Work

#### **Enhanced Subcontractor Safety Training**

- Safety Culture
- Hazards Awareness
- Project-Specific Training

#### **Subcontractor Oversight**

- Enhanced end-user training
- Expanded number of subcontractor tech representatives
- Establishment of operational mentors for enhanced oversight
- Assure SRNS subcontractor readiness and adherence to policies and procedures



### Methods to Accomplish Safe Work (cont.)

#### **Subcontract General and Special Provisions**

- Staff augmentation safety orientation, mentoring and monitoring
- Subcontractor safety representative or safety professional
- Daily/shift tool box meetings to review and discuss methods to mitigate hazards
- Behavior-Based Safety observations

#### Independent Safety Assessment by Facility Evaluation Board

 Safety readiness and project start-up reviews commensurate with the project hazard

**Subcontract Management Voice of the Customer Committee** 

**EFCOG Lessons Learned Task Group** 

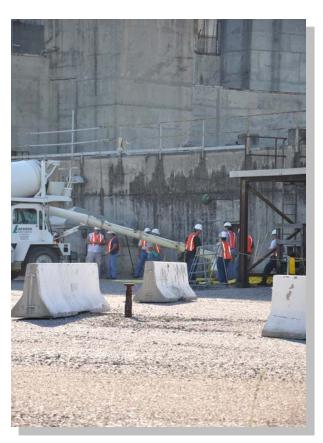


#### **Recovery Act Projects**

- 17 significant projects
- 2 reactor closures
- D&D more than 100 facilities/structures
- Remediate +50 contaminated areas

#### In a typical week:

- Large evaporators moved to P Reactor to dry 4 million gallons of contaminated sludge before grouting
- Currently grouting R Reactor
  - By end of grouting in both R & P Reactors, enough grout poured to fill 4 Home Depot stores
- Initiated decommissioning of Heavy Water Components Test Reactor (HWCTR)



Recovery Act workers pour grout into 40-foot deep trench at R Reactor





#### The Recovery Act Is About Opportunities...

For Small Business -

The Federal Government's Recovery Act at Savannah River Site (SRS) will provide many opportunities for area small businesses through \$1.6 billion in environmental clean-up projects. Special emphasis is placed on selecting area small businesses for contracts and procurement related to the Recovery Act.

Please note that all projects funded by the Recovery Act are to be completed by the end September 2011. Thus, small business contracts and procurement through Recovery Act funding are projected to terminate at that time.

Small businesses wishing to be considered for Recovery Act contracts or procurement must complete a Supplier Questionnaire. Please visit www.srs.gov/recovery and click on "Doing Business", the complete the Supplier Questionnaire online.

If you are interested in providing more information about your company, please submit an email to supplierdevelopment@srs.gov or call our Small Business Program Manager, Sharon Campbell at 1-800-888-7986.

www.srs.gov/recovery

Flyer on how small business can engage in SRS Recovery Act contracts

#### **Procurements at Work**

- Nearly \$100 million in contracts placed through the Recovery Act thus far
- More than \$63 million awarded to more than 50 local businesses
- New initiatives coming to accelerate local small business contracts
- New contracts within the region will spark employment in the community



#### The Economic Stimulus Is Working

- SRNS is dedicated to a CSRA focus
- New initiatives for Recovery Act employment from CSRA counties hardest hit by recession
- Initiatives to engage more CSRA small businesses in Recovery Act projects
- Flow-down in payroll and contracts within CSRA
- Reduced foot print for new missions at SRS



Dr. Henry Tam and Michelle Barrios of Family MedCenters are now performing pre-employment physicals for Recovery Act workers



#### **Road To Recovery Tour**

- 36 towns across SC and GA beginning this month
- Focus is on counties where unemployment is highest
- Will provide new, easier ways to submit job applications
- A sincere, proactive focus on living up to the Recovery Act's intent







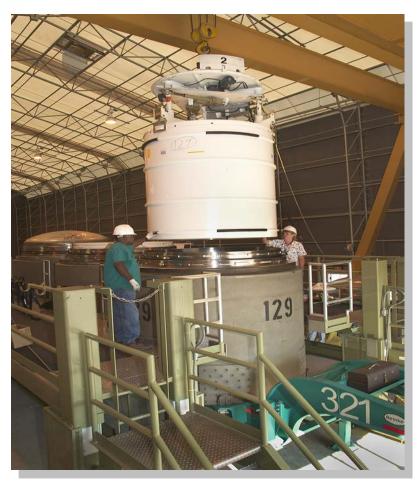
Workers prepare R Reactor systems for D&D activities





Employees will pour 32,000 yards of concrete to fill P and R Reactors below grade with grout





TRU waste being loaded into a special shipping container





TRU waste drums being removed from a concrete culvert





Waste being loaded into long-term storage containers prior to shipment





A shield door is being cut in preparation for D&D activities in P Reactor



### Summary

#### What

- In conjunction with normally appropriated work
- Accelerate nuclear waste removal
- Environmental risk reduction
- Area cleanup

### Why

- Provide or retain jobs
- Accelerate Site area cleanup

#### How

- Plan, mobilize, project execution, report, stand down
- ISM rigor

#### Who

- 2,000 3,000 People
- Special skills, construction, general support
- Priority is local

