

***American Recovery and Reinvestment Act
Office of Environmental Management
Progress and Status***

***Update for
Site-Specific Advisory Board
July 9, 2009***



EM Environmental Management

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Sound Business Practices— Recovery Act Investments



- **\$6 billion in Recovery Act funding**
- **Scope that can most readily be accelerated**
 - Soil and groundwater remediation
 - Radioactive solid waste disposition
 - Facility decontamination & decommissioning
- **“Shovel Ready”**
 - Fully defined cost, scope and schedule
 - Established regulatory framework
 - Proven technology
 - Proven performance
 - Existing contract vehicles
- **Focus on EM completion and footprint reduction**
- **Recovery Act funding will accelerate approximately 70 compliance milestones**

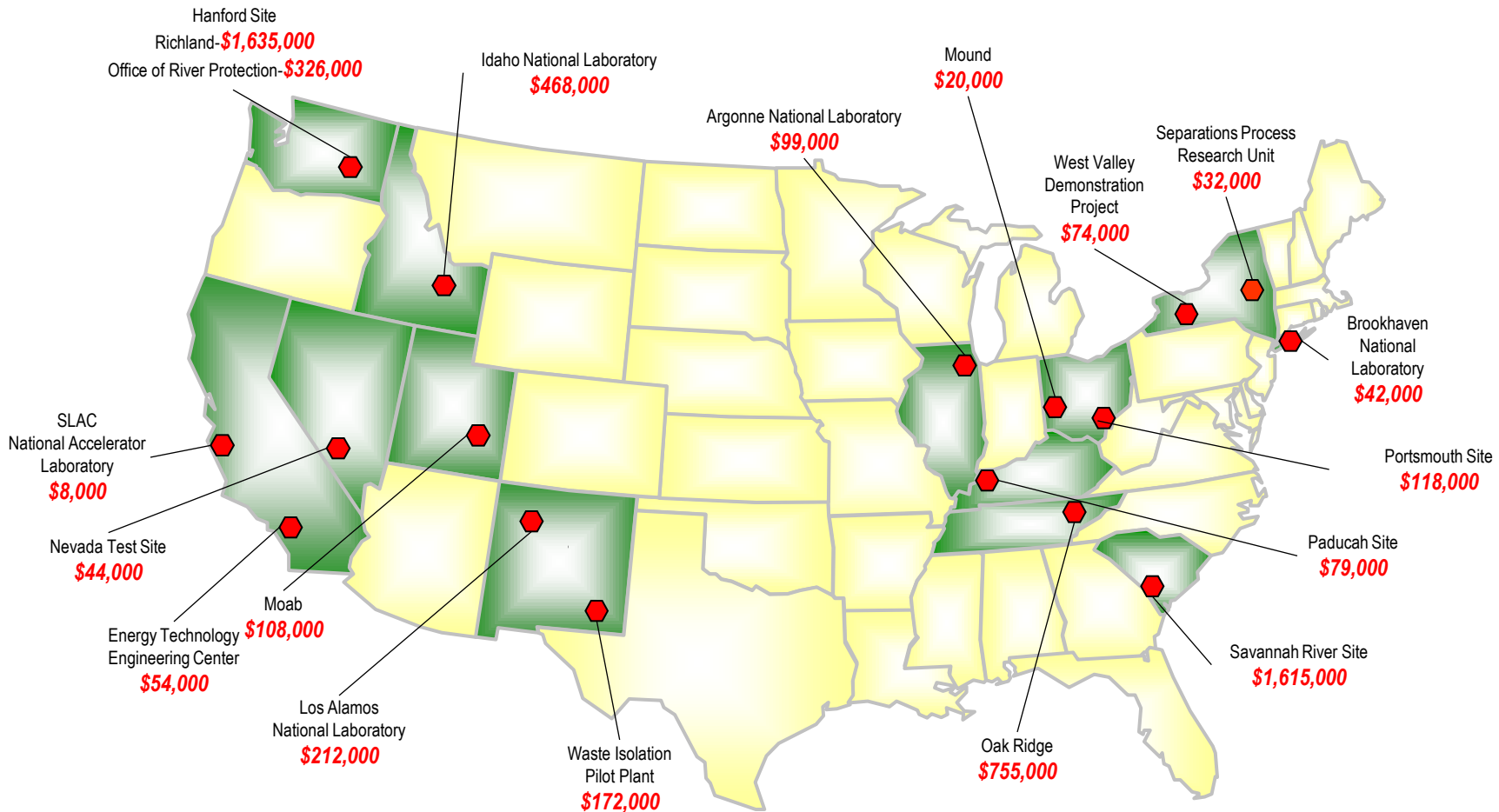


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\$6 Billion— Where Is the Money Going *(\$ in thousands)*



12 States, 17 Sites
Uranium/Thorium \$69 million
Management & Oversight \$70 million



Contract Status

- Most “shovel ready” scope already under existing contracts
- Independent Review and Validation of cost
- 26 Contract Modifications issued
- Target date for definitization (Recovery Act cost, scope and schedule) by 9/30/09 or sooner
- No fee prior to definitization



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Project Management— Oversight & Accountability

Safety is the #1 priority for all EM Recovery Act projects.

- Fully implement DOE Order 413.3A
- Phased release of funding based on performance
 - Integrates project, contract and funds management
- Ensure projects stay on schedule and within cost
- Conduct regular reviews to track and monitor performance
- On-site Headquarters representatives will closely observe project performance
- Maintain regular communications with regulators, Tribal Nations and stakeholders
- External oversight reviews by the IG and GAO



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More than 3,700 Jobs Created and Saved Nationwide

	Applicants	New Jobs	Saved Jobs	Total
Argonne (IL)	TBD	15	4	19
Brookhaven (NY)	TBD	34	45	79
ETEC (CA)	1	1	2	3
Hanford-ORP (WA)	6,393	150	56	206
Hanford-Richland (WA)	9,900	775	300	1,075
Idaho (ID)	4,567	168	240	408
Moab (UT)	1,747	42	0	42
Nevada (NV)	21	9	6	15
Oak Ridge (TN)	6,260	261	6	267
Paducah (KY)	1,186	15	0	15
Portsmouth (OH)	1,370	42	8	50
Savannah River (SC)	10,300	612	798	1,410
SLAC (CA)	85	1	19	20
West Valley (NY)	1,128	71	0	71
WIPP (NM)	79	43	10	53
TOTALS	43,057	2,239	1,494	3,733



Applicants at a Hanford Job Fair



New employees complete mandatory SRS safety training

3,700 Jobs Created and Saved to Date



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American Recovery: The First 100 Days

“Up and Running...”

Washington State (*Hanford*)

- Accelerating retrieval of transuranic waste drums and trench boxes
- Excavated 124,000 of 375,000 cubic yards of dirt to increase capacity of the Environmental Restoration Disposal Facility
- Groundwater projects expansion underway



The first trainload of uranium tailings left Moab on April 20, marking the beginning of a massive cleanup effort.



Retrieval of waste drums at Hanford contain low-level, mixed low-level, and TRU waste.

Utah (*Moab Mill Tailings Site*)

- Relocation of the world’s largest uranium mill tailings pile (16 million tons) has begun



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American Recovery: The First 100 Days

“Up and Running...”

South Carolina *(Savannah River Site)*

- First 2 Remote-Handled transuranic (TRU) waste shipments prepared for transport
- Achieved 1,000th shipment milestone for TRU waste to the Waste Isolation Pilot Plant

Tennessee *(Oak Ridge)*

- Started training 2nd shift TRU operations
- Began clean up of Y-12 scrap yard

Idaho *(Idaho National Lab)*

- Accelerated shipment of mixed low-level waste from Advanced Mixed Waste Treatment Plant
- 3000-sq ft High Integrity Container (HIC) enclosure dismantled and disposed



This old scrap yard at Y-12 will be one of the first cleanup projects to be done with stimulus money in Oak Ridge.



The HIC enclosure was the first decontamination and decommissioning project completed under the Recovery Act.



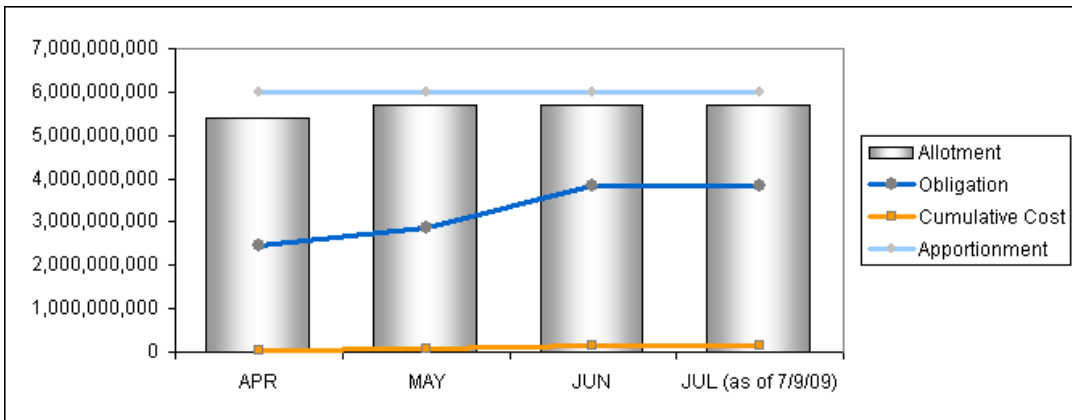
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Monthly Metrics for Recovery Act Projects

Apportionment, Allotment, Obligation and Cumulative Cost



	APR	MAY	JUN	JUL (as of 7/9/09)
Apportionment	6,000,000,000	6,000,000,000	6,000,000,000	6,000,000,000
Allotment	5,413,685,000	5,705,625,000	5,705,625,000	5,705,625,000
Obligation	2,451,737,784	2,878,782,349	3,843,353,069	3,844,640,848
Cumulative Cost	25,465,857	83,039,839	140,719,272	134,148,811

Metrics	Target for Completion in Sept 2011
Jobs Saved and Created	13,000 jobs
CH TRU Removed from Site	4,600 m3
RH TRU Removed from Site	25 m3
Area of Buildings Demolished	3,240,000 ft2
Number of Buildings Demolished	238
LLW Disposed	26,800 m3
Contaminated Soil Removed	55,000 yd3
Number of Waste Sites Remediated	82
Tailings Disposed	1.9 million tons

Preliminary targets based on information provided by sites in the Project Operating Plans

Ambitious Small Business Strategy

- Considerable subcontracting expected to meet EM small business goals

EM prime contracting small business goal = \$288 Million (4.8%)

- EM's small business subcontracting goals for FY 2009:

Small Business	46.4 % of subcontracting
Small Disadvantaged Business	5.0 %
Woman-Owned Small Business	5.0 %
HUB-Zone Small Business	3.0 %
Service-Disabled Veteran-Owned Small Business	3.0 %



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Communications

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Summary

- EM Recovery Act up and running
- Thousands of jobs created and preserved
- Nearly all funds allocated to sites
- Billions of dollars obligated to contracts
- Project management systems are in place
- Negotiating contract modifications
- Monitoring project execution and performance
- Continuous engagement with stakeholders and regulators



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BACKUP



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Recovery Act vs Base Program

Base Program

- Tank Waste
 - Maintenance of liquid waste tanks and storage facilities
 - Construction of waste processing facilities
 - Tank closures
- Special Nuclear Material and Spent Fuel
 - Maintenance of storage facilities
 - Stabilization, consolidation, treatment, disposal
- Solid Waste
 - Base operations -- transuranic (TRU) and solid waste disposition
 - Treatment/processing
 - Certification
 - Packaging/transportation
- Soil and Groundwater
 - Groundwater monitoring
 - Installation of groundwater treatment systems
 - Soil remediation
- Facility D&D
 - Facility S&M
 - Deactivation, decontamination, decommissioning, demolition

Recovery Act

- Tank Waste
 - Limited infrastructure upgrades at Hanford
- Special Nuclear Material and Spent Fuel not included in Recovery Act
- Solid Waste
 - TRU and solid waste disposition
 - Treatment/processing
 - Certification
 - Packaging/transportation
- Soil and Groundwater
 - Install groundwater treatment systems
 - Soil remediation
- Facility D&D
 - Deactivation, decontamination, decommissioning, demolition

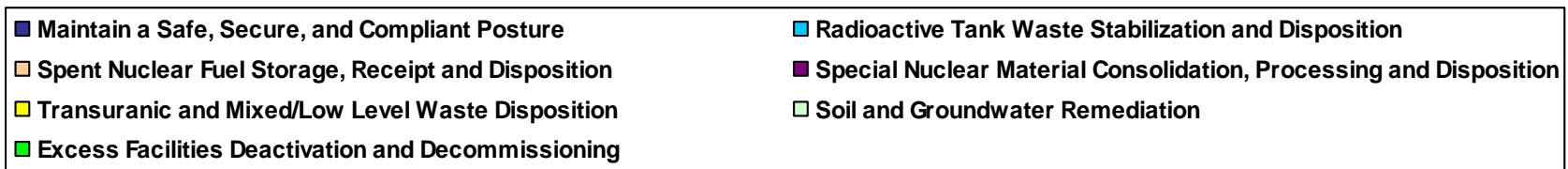
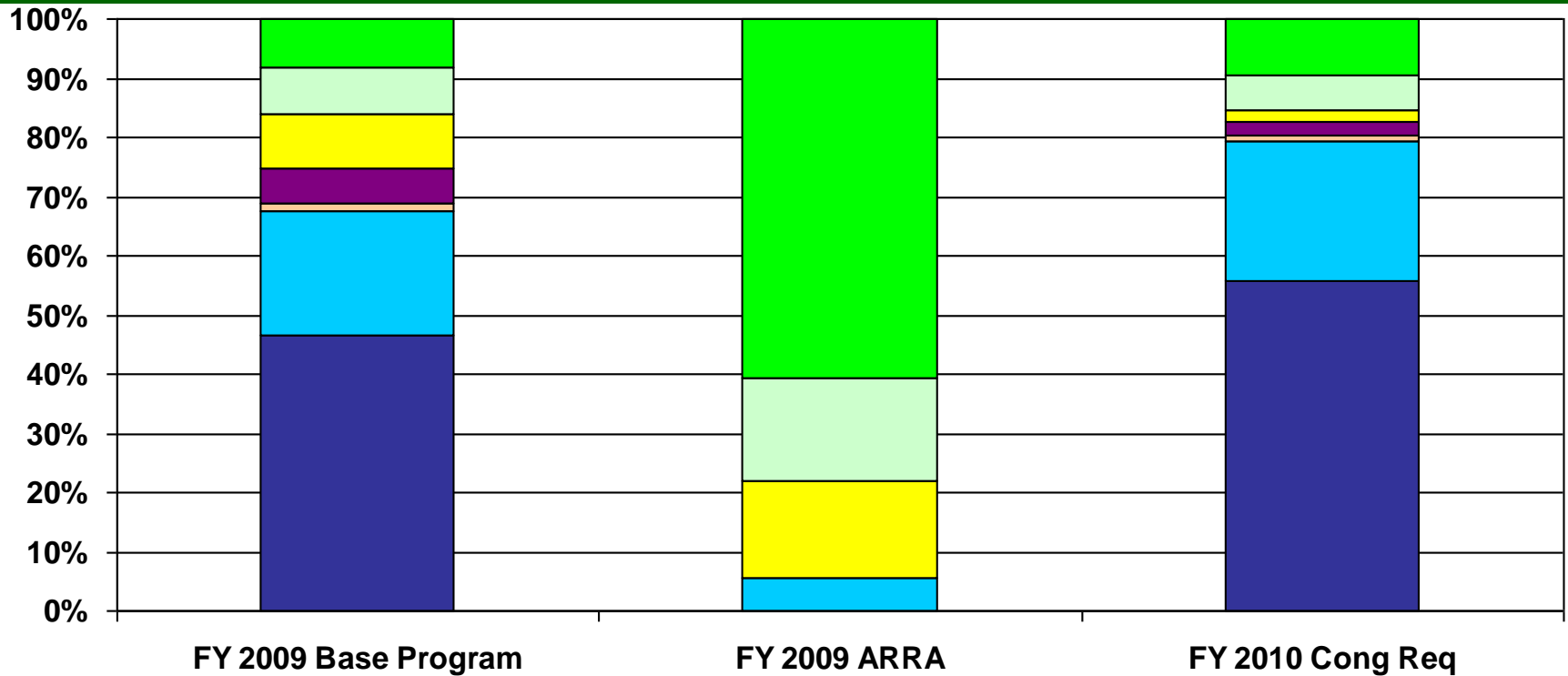


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Recovery Act Work Complements Base Program Prioritization of EM Work Scope



Highest risks addressed by the “base” program activities are requested in normal appropriations



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Recovery Act Financial Status

Site	State	Spend Plan	CY Allocation	CY Obligation	CY Cost
Argonne National Laboratory	IL	\$98,500,000	\$35,000,000	\$35,000,000	\$231,944
Brookhaven National Laboratory	NY	\$42,355,000	\$42,355,000	\$34,000,000	\$3,159,052
ETEC	CA	\$54,175,000	\$38,300,000	\$38,300,000	\$0
Hanford (Office of River Protection)	WA	\$326,035,000	\$326,035,000	\$42,720,000	\$5,572,230
Hanford (Richland)	WA	\$1,634,500,000	\$1,634,500,000	\$1,270,958,363	\$26,866,898
Idaho	ID	\$467,875,000	\$467,875,000	\$374,000,000	\$22,631,159
Los Alamos National Laboratory	NM	\$211,775,000	\$211,775,000	\$0	\$0
Moab	UT	\$108,350,000	\$108,350,000	\$82,000,000	\$0
Mound	OH	\$19,700,000	\$19,700,000	\$0	\$0
Nevada Test Site	NV	\$44,325,000	\$44,325,000	\$27,038,000	\$210,691
Oak Ridge	TN	\$755,110,000	\$755,110,000	\$426,650,200	\$4,970,816
Paducah	KY	\$78,800,000	\$20,000,000	\$2,500,000	\$217,958
Portsmouth	OH	\$118,200,000	\$20,000,000	\$4,600,000	\$76,215
SLAC	CA	\$7,925,000	\$7,925,000	\$7,925,856	\$0
SPRU	NY	\$31,775,000	\$31,775,000	\$12,000,000	\$0
Savannah River Site	SC	\$1,615,400,000	\$1,615,400,000	\$1,274,732,384	\$51,091,437
WIPP	NM	\$172,375,000	\$172,375,000	\$137,704,000	\$4,838,774
West Valley	NY	\$73,875,000	\$73,875,000	\$56,000,000	\$0
Title X Uranium/Thorium Reimbursement Program		\$68,950,000	\$68,950,000	\$14,181,497	\$14,181,497
OMB Q4 Unallocated		\$40,000,000	\$0	\$0	\$0
Management & Oversight		\$30,000,000	\$12,000,000	\$3,209,029	\$95,183
Grand Total		\$6,000,000,000	\$5,705,625,000	\$3,843,519,329	\$134,143,854

Data as of 7/8/09



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