

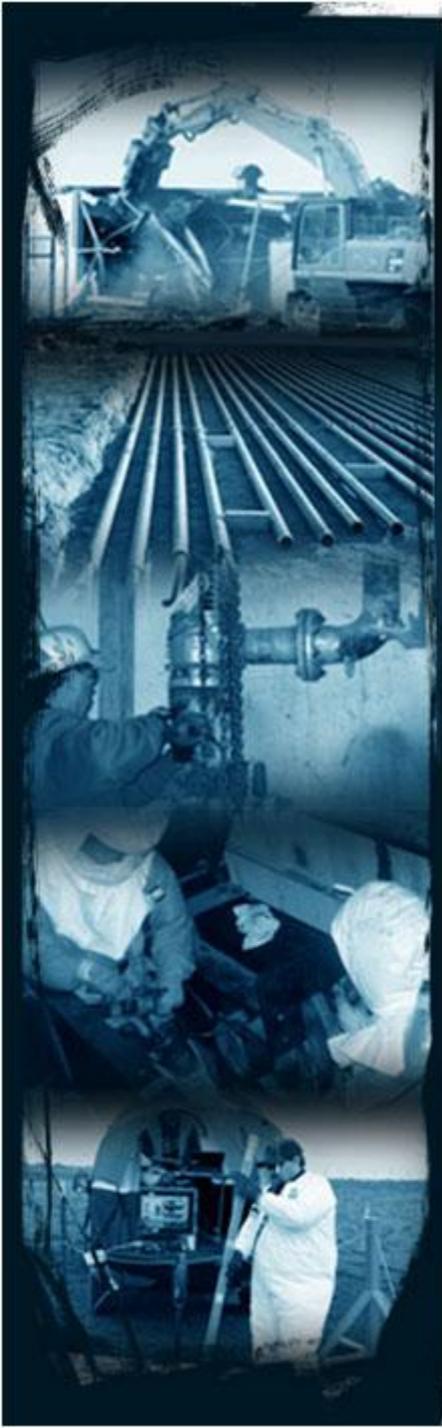


U.S. DEPARTMENT OF
ENERGY

Richland Operations Office Update

Hanford Advisory Board
Doug Shoop, Deputy Manager

June 3, 2010



300 Area Cleanup Progress

- Demolished the 324 High Bay, 336 and 338 buildings
- Removed ten hot cells from 327 building
- Stabilizing hot cells from 327 and 324 buildings with grout before disposing in Environmental Restoration Disposal Facility (ERDF)



618-10 Burial Ground Cleanup Progress

- Completed nonintrusive characterization and sampling
- Mock-up work underway for potential hazards
- Anticipate trench work will begin in July, 2010



Environmental Restoration Disposal Facility

- Truck drivers have logged 15 million miles transporting waste for disposal at ERDF – equivalent of more than 600 trips around the earth
- Disposing average of 500, 25-ton-capacity containers a day
- Continuing ERDF expansion with ARRA funding – increasing facility size by 50%
- ERDF “cells” are 70 feet deep and when completed in 2011, will cover the equivalent of 52 football fields and capacity of 16.4 million tons of waste material



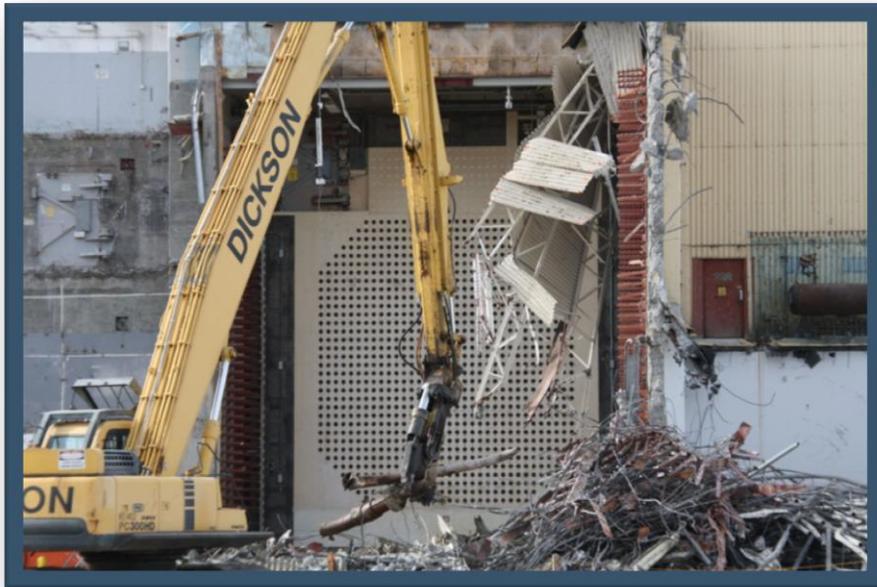
181-N Water Intake Facility Cleanup Progress

- Removed four, 3500 horsepower water pump engines
- Guard tower and pump structures will be removed in June, 2010
- Demolition to begin on the river structure when all equipment is removed



N Reactor Cleanup Progress

- Workers are finalizing the demolition to the core facilities before enclosure begins
- Reactor and heat exchange facility are receiving steel framework for cocooning the reactor
- Fuel storage building is being prepared for above-grade demolition near the Columbia River



Plutonium Finishing Plant Cleanup Progress

- 63 glove boxes removed



Waste and Fuels Management Cleanup Progress

- Repackaging drums of Transuranic (TRU) waste at T Plant and preparing for shipment to the Waste Isolation Pilot Plant
 - Repackaged 1,352 drums of TRU waste
 - Completed 37 TRUPACT-II shipments since resuming in March
 - Shipped 967 cubic meters of the planned 1,800 cubic meters of Mixed Low-Level Waste and Low-Level Waste for treatment and disposal
- TRUPACT-II Shipments to Idaho to begin mid-to-late June



Soil and Groundwater Remediation Progress

- Drilled 171 wells to support expansion of soil chemical barrier to better contain strontium-90 plume in the 100-NR-2 Area
- Following regulatory approval, next phase will begin injecting the chemical components of the mineral apatite into the wells
- Characterization program collected 1,048 samples from 243 well locations
- Awarded subcontract worth up to \$50 million for constructing the 200 West pump-and-treat system



Decontamination and Decommissioning Progress

North

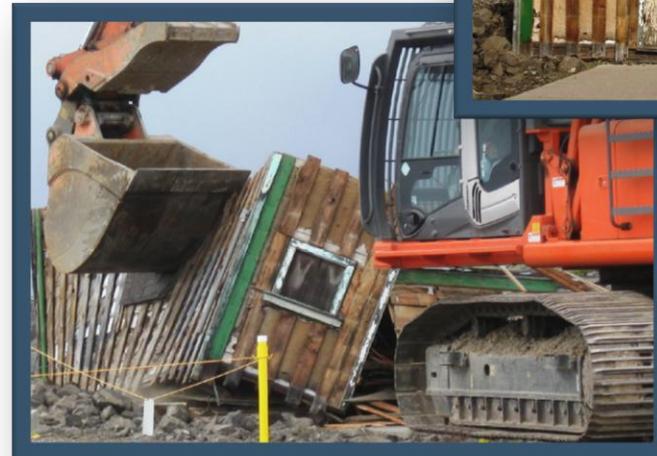
- 212 –N, –P and –R buildings: completed demolition, backfilling and contouring
- Demolished more than 29,000 square feet of radioactively contaminated building space over the last year

Arid Lands Ecology (ALE) Reserve

- Finished demolition of lower ALE facilities and foundations
- Began demolition on upper ALE

100K

- Demolished the 183KW headhouse and lime feeder building
- Began demolition of the 183KW filter basin



American Recovery and Reinvestment Act

Hanford Funds (through 4/26/10)	Allocated	Spent to Date
DOE Richland Operations Office	\$1,634,500,000	\$414,111,226
DOE Office of River Protection	\$326,035,000	\$73,025,561
<i>Hanford Total</i>	<i>\$1,960,535,000</i>	<i>\$487,136,787</i>

Metrics	Through End of April	Target Through 9/30/11
Total Facilities Demolished	18	64
• Nuclear Facilities Demolished	1	3
• Radioactive Facilities Demolished	5	18
• Industrial Facilities Demolished	12	43
Facility Square Footage Demolished	60,306	294,323
Waste Sites Remediated	10	65
Cubic Yards Soil Excavated for Disposal Cell 9 of Environmental Restoration Disposal Facility	1,789,442	1,700,000
Glove Boxes Removed from Plutonium Finishing Plant	47	170
Groundwater Wells Installed	144	265

American Recovery and Reinvestment Act

Hanford Employment (through the end of March 2010)	Recovery.gov Prime Contractor Jobs (FTEs)*	Recovery.gov Prime Contractor plus Subcontractor Jobs (FTEs)	EM Recovery Act Headcount "Lives Touched" (Cumulative from start of project through 3/31/2010)
DOE Richland Operations Office			
CH2M HILL Plateau Remediation Company	1,029	2,311	4,547
Washington Closure Hanford	45	133	579
DOE Support Contractors	42	42	71
Richland Operations Office Total	1,116	2,486	5,197
DOE Office of River Protection			
Washington River Protection Solutions	188	414	1,235
Office of River Protection Total	188	414	1,235
<i>Hanford Total</i>	1,304	2,900	6,432

Upcoming Events

- Tri-Party Agreement M-15 and M-91 Proposed Change Packages
 - Comment period May 3 – June 30, 2010
 - Two public meetings
 - June 23rd – Portland State University
Smith Memorial Student Union, Rooms 327 and 328
1825 SW Broadway, Portland, Oregon
 - June 24th – University Heights Center, Room 209
5031 University Way Northeast, Seattle, Washington
- Deep Vadose Zone Technical Exchange – July, 2010
- Energy Park Initiative Community Forum – Fall, 2010
- State of the Site Meetings – Fall, 2010