

Hanford 2013 Cleanup Priorities Exercise - DOE-Richland Operations Office

Program	More Focus			Less Focus			Agree with Priority			
	Richland	Seattle	Portland	Richland	Seattle	Portland	Richland	Seattle	Portland	Total
Hanford Site Minimum Safe/Essential Services	3	0	0	5	1	1	1	0	1	2
River Corridor Cleanup – Building Cleanout & Demolition, Contaminated Soil Remediation	35	7	20	2	1	1	5	2	5	12 (15%)
K Basin Sludge	16	0	11	4	0	5	4	1	2	11 (14%)
Central Plateau Inner Area – Plutonium Finishing Plant Cleanout & Demolition	31	4, 3%*	17	8	2	2	2	2	3	7 (9%)
Central Plateau Groundwater	40	10; 85%	26	6	6	0	6	2	1	6 (8%)
Central Plateau Outer Area Remediation	11	2; 3%	4	6	1	4	6	2	4	15 (19%)
Central Plateau Inner Area Remediation	9	2; 3%	5	13	1	3	13	2	2	13 (16%)
Central Plateau Inner Area – Transuranic Waste	17	11; 3%	13	3	0	3	3	2	4	16 (20%)
Other: Shutdown Energy Northwest Reactor			3							

Respondents:	74	70	67
Richland	34	33	34
Seattle	13	11	11
Portland	27	26	22

*One individual provided % of importance

Hanford 2013 Cleanup Priorities Exercise – DOE Office of River Protection

Program	More Focus				Less Focus				Agree with Priority			
	Richland	Seattle	Portland	Total	Richland	Seattle	Portland	Total	Richland	Seattle	Portland	Total
	Tank Farm Minimum Safe Operations/ Base Operations	3	0	1	4	2	1	3	6	2	0	2
Construction of the Waste Treatment Plant (WTP)	21	5; 18%	14	40 (28%)	7	7	4	18 (46%)	15	1	3	19 (25%)
Tank Waste Retrievals/Closures	39	23; 60%	23	85 (59%)	6	0	1	7 (18%)	8	1	2	11 (14%)
WTP Waste Feed Preparations and Operations Support	7	1, 20%	7	15 (10%)	3	0	1	4 (10%)	18	3	4	25 (32%)
Support Projects	0	0; 2%	3	3 (2%)	7	1	2	10 (26%)	16	2	4	22 (29%)
Other: Build More Tanks	2			2 (1%)								

Respondents: 74
 Richland 34
 Seattle 13
 Portland 27

Respondents to DOE-RL Priorities: 70
 33
 11
 26

Respondents to DOE-ORP Priorities: 67
 34
 11
 22

*One individual provided % of importance

Hanford 2013 Cleanup Priorities Exercise – DOE Richland Operations Office

DOE-Richland Operations Office - More Focus	
Program	Total
Central Plateau Groundwater	76 (26%)
River Corridor Cleanup – Building Cleanout & Demolition, Contaminated Soil Remediation	62 (21%)
Central Plateau Inner Area – Plutonium Finishing Plant Cleanout & Demolition	52 (18%)
Central Plateau Inner Area – Transuranic Waste	41 (14%)
K Basin Sludge	27 (9%)
Central Plateau Outer Area Remediation	17 (6%)
Central Plateau Inner Area Remediation	16 (6%)
Other: Shutdown Energy Northwest Reactor	3 (1%)

DOE-Richland Operations Office-Less Focus	
Program	Total
Central Plateau Inner Area Remediation	17 (24%)
Central Plateau Groundwater	12 (17%)
Central Plateau Inner Area – Plutonium Finishing Plant Cleanout & Demolition	12 (17%)
Central Plateau Outer Area Remediation	11 (16%)
K Basin Sludge	9 (13%)
Central Plateau Inner Area – Transuranic Waste	6 (8%)
River Corridor Cleanup – Building Cleanout & Demolition, Contaminated Soil Remediation	4 (6%)

DOE-Richland Operations Office – Agree with Priority	
Program	Total
Central Plateau Inner Area – Transuranic Waste	16 (20%)
Central Plateau Outer Area Remediation	15 (19%)
Central Plateau Inner Area Remediation	13 (16%)
River Corridor Cleanup – Building Cleanout & Demolition, Contaminated Soil Remediation	12 (15%)
K Basin Sludge	11 (14%)
Central Plateau Inner Area – Plutonium Finishing Plant Cleanout & Demolition	7 (9%)
Central Plateau Groundwater	6 (8%)

Hanford 2013 Cleanup Priorities Exercise – DOE Office of River Protection

DOE-Office of River Protection- More Focus	
Program	Total
Tank Waste Retrievals/Closures	85 (59%)
Construction of the Waste Treatment Plant (WTP)	40 (28%)
WTP Waste Feed Preparations and Operations Support	15 (10%)
Support Projects	3 (2%)
Other: Build More Tanks	2 (1%)

DOE-Office of River Protection- Less Focus	
Program	Total
Construction of the Waste Treatment Plant (WTP)	18 (46%)
Support Projects	10 (26%)
Tank Waste Retrievals/Closures	7 (18%)
WTP Waste Feed Preparations and Operations Support	4 (10%)

DOE-Office of River Protection – Agree with Priority	
Program	Total
WTP Waste Feed Preparations and Operations Support	25 (32%)
Support Projects	22 (29%)
Construction of the Waste Treatment Plant (WTP)	19 (25%)
Tank Waste Retrievals/Closures	11 (14%)

Priorities Exercise Comments

Richland

- More focus on shipment of waste to WIPP site in New Mexico.
- Safety testing for workers should be mandatory
- Fluid Dynamics will continue – must make groundwater and river a priority!!!
- 1) Get waste out of underground tanks and basins and cells with standard, proven equipment and systems – Dry out, fill with contaminated soil and equipment, seal tank and isolate with a cover; 2) Unlined burial grounds – just over pack TRU waste drums as is and send to WIPP; 3) Some 300 Area basins and cells apply to item 1., also; 4) Save lots of cost and schedule with 1., 2, 3; 5) In old days TPA said 99.9 with no intentions of technically feasible; and 6) spending too much time and cost on “think will work” development efforts – even WTP!
- The wastes are completely safe in the existing tanks. Even if single shell tanks fail, the waste is not going anywhere. It is unlikely ever to reach the water table. I seriously question the real need for the vit plant at this time. With water from the separations plant greatly reduced, the groundwater is not moving towards the river as rapidly. The Hanford soil contains natural ion exchange ions that hold plutonium very tightly, i.e., Z-9 crib. The Pu on that soil was so tightly held the only way it would come off was to fuse it with ___ and dissolve in 1+F.
- Build more tanks in the blending stage to support contingency if a tank leaks
- I am concerned that too much of the hazardous waste is evaporated into the air. For example, 242 evaporator operations, exactly what and how much materials are put into the air? What and how much is vented from the tanks – where and which tanks? The glassification project – what will be vented to the atmosphere?
- Literally everything on accompanying handout is described as a “priority.” Handout has No budget figures and no explanation of whether we should compare to 2012 President’s budget or the list of all planned 2013 activities. This makes the exercise irrelevant. People asking “compared to what?” Am I happy with 2013 choices on handout which assumes everything is funded in 2013? But, ridiculous to assume more money will be requested, much less appropriated, in 2013. \$970M for WTP in 2013 is unjustified and robs everything else at time when key design and safety issues are not resolved. Shift funds to Richland.
- RCC contract is incentivized. Not an O&M contract. Cutting these incentives will not help meet goals, and may actually put DOE in breach of contract. What is the contingency plan for glass disposal with Yucca Mountain delays? Per comment, how well characterized is tank waste? Worry only on the way ___ WTP mixers?

Seattle

- I’d rather have coffee than table cloths. Renting clothes is lovely, but a waste of money. I do like passing the mike around – it’s faster and we get to hear more comments. It is also non-confrontational to have tables but their rental may be not necessary. Clean up the leaking tanks.
- Need to work to reduce this (minimum safe/essential services) cost.
- When we hear that one office spends \$700million on base operations, we cannot agree that you designate it all as “Required.” Real Cleanup is required. This was designed with a bias. If you held a meeting in Spokane as suggested, you may get different priorities from people downwind or event of accident or earthquake and who use the River more than we do from Seattle.
- PFP: preventing ground contamination; Groundwater (Central Plateau) protection against further contamination.
- I strongly support all measures protecting groundwater and contamination of the river. Focus on single wall tank cleanup, open trench cleanup and pumping and treating of groundwater.

- Do it all and faster. Leave off with military spending or make the cleanup of their plutonium source part of their budget. Stop the spending of surveillance (federal) and supporting multiple wars so as to clean up all sites, beginning here in WA.
- MOX fuel issue is causing me to worry about the honesty in the management speaking here tonight. It is undermining all of what I am hearing here tonight. Not that you are necessarily dishonest, but appear to probably not be informed. How can we make decisions/have some oversight without knowing from you, the front of the government, what is going on?
- I don't pretend to know enough to prioritize these activities. My #1 concern is that waste remains in trenches/burial sites/single-shell tanks. #1 Clean up should work to contain waste in containers that do not, and will not, leak. Several double-shell tanks is a very small step in this direction. Caps on trenches is not a satisfactory remedy either. Leakage and potential leakage needs to be addressed immediately. Single shelled tanks are not ok. Unlined burial grounds are not ok.
- With the strategy of most rapidly confining source pollution, away from the river
- River Corridor: stop contamination from reaching river and groundwater? PFP: Is Plant leaking contamination to soil/water? Outer Area: more focus where groundwater is affected.
- Prioritize ongoing contamination of groundwater and river. Do not bury waste in unlined trenches. Do not bring in more waste to the Hanford site. Focus should be on above – not on demolition of buildings that are low level and are not posing an ongoing spread of contamination to soil/water.
- River Corridor: Don't call it "clean."
- More focus on burial grounds, B Reactor as an interpretive center and relate to stewardship mission, stewardship.
- Do basic safety and design work that is needed before going to the step of building the WTP. Retrieve the waste in single-shelled tanks and move it to double shelled tanks. Prioritize cleanup in the budget and look closely at cutting administration in a way that doesn't slow cleanup.

Portland

- Save the Columbia first! Clean the trenches. Clean the groundwater. Never allow the importing of radioactive waste to Hanford. The military caused the problems so military budgets should be required to help pay for the cleanup.
- One question asked was: When the waste treatment plant is going on line, will outside waste come to Hanford and what happens next. Is Hanford going to be a waste dump for many more years to come?
- No additional waste at Hanford. The Columbia Generating Station should be turned off immediately. At the very least the license should not be renewed. The Department of Energy should advocate that the license not be renewed.
- I suggest that the Department of Defense contribute 1/10 of its budget for cleanup to occur at a much faster rate. I have great concern re: EPA being targeted by Congressional action. Is there any way to secure greater funds – ongoing? Thank you for all you are doing.
- This event needs to be ANNUAL. Thank you.
- It seems the sooner the waste at Hanford can be safely retrieved and treated the better we will all feel.
- Tank priorities: How are these interchangeable in priority when one requires other?
- Finish U canyon first, but put off the others. Use money from the outer area and TRU.
- I think brief descriptions and accompanying budget numbers would make this exercise more fruitful.