

Strategic Planning for CRA-2014

DOE/EPA Technical Exchange Meeting

Steve Kouba

URS, Regulatory & Environmental Services

October 18, 2011
Albuquerque, NM



EM *Environmental Management*

safety ❖ performance ❖ cleanup ❖ closure

www.em.doe.gov

Key EPA/DOE Decisions/Milestones prior to submittal of CRA-2014

Decision/Milestone	NLT Decision Date
Format & Content of Sections i.e., 194.42, "Monitoring" (emailed to EPA 10/12/11)	September 2012
Chemistry Model Peer Review	Go-No Go Decision – February 2012
<ul style="list-style-type: none"> Conduct Chemistry Peer Review (if needed) 	3 rd and 4 th Quarters CY2012
Scope of PA	
<ul style="list-style-type: none"> Parameters Changes 	December 2012
<ul style="list-style-type: none"> No PA, use previously submitted PA(s) 	December 2012
<ul style="list-style-type: none"> Panel Closure Design – Option D or ROM Salt 	December 2012
<ul style="list-style-type: none"> Other 	tbd
Scope of PCR/PCN	December 2012
Determination of Individual Data Cut-off	December 2012



Parameter Changes

in CRA-2014

Parameter	Basis for Change
Waste Inventory	Change in inventory identified in LANL's PA Inventory Report.
Solubility	Organic ligand content of the waste, based on changes in the inventory
Waste shear strength (property TAUFAIL)	Experiments with vertical plume
Hydrogen generation rate	Experiments
Drilling rates and others as appropriate	Changes based on field activity*
Probability of a brine pocket encounter	Historical study*

* Tentative

There is a potential for several parameters to be updated as part of the CRA-2014. The future values specified for these parameters are not currently known as they are dependent on ongoing/future work and future deliverables.



EM Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

www.em.doe.gov