Tri-Party Agreement

Change Notice for Modifying Approved Documents/ Workplans
In Accordance with the Tri-Party Agreement Action Plan,
Section 9.0, *Documentation and Records*
TPA-CN-242

0082789

Change Number	Document Submitted Under Tri-Party Agreement Milestone	Date:
TPA-CN-242	N/A	April 4, 2009
Document Number and Title: **DOE/RL-96-17, Rev. 5, *Remedial Design Report/Remedial Action Work Plan for the 100 Area***		**Date Document Last Issued:** **February 2005**
Originator: Rod Lobos, EPA	**Phone:** 509-376-9884	
Description of Change: Adds text to the RD/RA Work Plan regarding phased work for the 100-K Area		

This change modifies an approved work plan/document and will be processed in accordance with the Tri-Party Agreement Action Plan, Section 9.0, *Documentation and Records*, and not Chapter 12.0, *Changes to the Agreement.* The following text is added to the end of Section 3.2.2 in DOE/RL-96-17, Rev. 5.

A 100-K Area perimeter boundary has been identified to segregate waste sites and structures that require coordination and detailed integration with the Sludge Treatment Project to safely and effectively complete remediation. In many cases, these waste sites and structures are in proximity to the still active KW Fuel Storage Basin or to facilities needed to keep the KW Basin operational. The perimeter boundary (with some exceptions on the east-side) generally coincides with the outer-most perimeter fences around the 100-K Area (encompassing the reactors and facilities) and the area between the northern perimeter fence and the Columbia River. The perimeter boundary was chosen to exclude the waste sites (118-K-2, 100-K-2, 100-K-78, 126-K-1, 128-K-2, and 600-29) that do not require integration with the Sludge Treatment Project for completion.

Remaining work at the 100-K Area is performed in three phases and will be completed on the dates provided below.

Phase 1 (12/31/2012) will encompass the following waste sites.

100-K-3, 100-K-6, 100-K-18, 100-K-19, 100-K-34, 100-K-36, 100-K-37, 100-K-38, 100-K-46, 100-K-53, 100-K-57, 100-K-62, 100-K-63, 100-K-64, , 100-K-77, 100-K-68, 100-K-69, 100-K-70, 100-K-71, 100-K-79, 116-K-3, 116-KE-1, 116-KE-2, 116-KE-6A, 116-KE-6B, 116-KE-6C, 116-KE-6D, 118-KE-2, 130-KE-1, 132-KE-1, 120-KW-1, 120-KW-2, 120-KW-3, 120-KW-4, 120-KW-5, 120-KW-7, 1607-K3, 100-K-55*, 100-K-56*.

Phase 2 (12/31/2015) will encompass the following waste sites.

100-K-1, 100-K-4, 100-K-5, 100-K-13, 100-K-14, 100-K-25, 100-K-27, 100-K-48, 100-K-49, 100-K-54, 100-K-61, 100-K-72, 100-K-73, 100-K-74, 116-KW-1, 116-KW-2, 118-KW-2, 120-KE-1, 120-KE-2, 120-KE-3, 120-KE-4, 120-KE-5, 120-KE-6, 120-KE-8, 120-KE-9, 120-KW-6, 126-KE-2, 130-K-2, 130-KE-2, 130-KW-1, 130-KW-2, 132-KW-1, 1607-K1, 1607-K2, 1607-K4, 1607-K5, 1607-K6, 100-K-55*, 100-K-56*.

Phase 3 (to be determined) will encompass the following waste sites.

100-K-60, 118-KW-1, 100-K-35, 100-K-66, 100-K-67, 116-KE-3, 128-K-2, 100-K-43, 100-K-75, 100-K-47, 100-K-80, 100-K-81, 100-K-82, 100-K-83, 100-K-55*, 100-K-56*.

* Partial unit. Waste sites that span into multiple-phase areas (e.g., pipelines) may be extended in each phase.

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NOTE: Provided for information only.

Interim closed-out waste sites, therefore no further action required.

100-K-32, 100-K-33, 116-KE-4, 116-KE-5, 116-KW-3, 116-KW-4, 100-K-29, 100-K-30, 100-K-31, 128-K-1.

Waste sites rejected/not accepted in WIDS, therefore no further action required.

100-K-9, 100-K-10, 100-K-15, 100-K-16, 100-K-20, 100-K-21, 100-K-24, 100-K-39, 100-K-44, 100-K-52, 100-K-8, 100-K-11, 100-K-12, 100-K-22, 100-K-23, 100-K-28, 100-K-51, 100-K-59, 100-K-76, 126-KE-3, 130-K-3, 100-K-7, 130-K-1, 100-K-58.

Facilities are addressed in TPA-CN-245.

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Justification and Impacts of Change: This change notice supports the 100 K Area negotiations and implements scope established in change package M-16-08-09.			
Approvals:			
RL Unit Manager	8-13-09 Date	X Approved	___ Disapproved
EPA Unit Manager	8-13-09 Date	✓ Approved	___ Disapproved
N/A Ecology Unit Manager	___ Date	___ Approved	___ Disapproved

Here are the reasons for moving the four sites.

- 100-K-66 165-KW Power Control Building. Move to Phase 3.
    - The 165-KW Power control building supplies power to the 105 KW reactor and storage basin. This power is required to support safe storage and treatment preparation for the sludge stored in the KW basin. This power infrastructure will be required until the sludge is removed from the basin or an alternate power distribution for KW is implemented.
- 116-K-3 1904-K Outfall Structure, 1908-K Outfall Structure. Move to Phase 3.
    - The 1904-K and 1908-K Outfall Structures are part of the water utilities for the 105 KW reactor and storage basin. This water utility is required to support safe storage and treatment preparation for the sludge stored in the KW basin. This water infrastructure will be required until the sludge is removed from the basin or an alternate water distribution for KW is implemented.
- 100-K-81 Contamination Area West of 116-K-3 (Outfall Structures). Move to Phase 3.
    - The 100-K-81 Contamination Area west of 116-K-3 lies between the intake an outfall structures being removed in phase 3. This area will be most efficiently excavated during the remediation of the other two structures and therefore best sequenced with the intake and outfall structures.
- 100-K-83 1904-K Spillway, 116-K-3, 1904-K Outfall Structure. Move to Phase 3.
    - The 100-K-83 1904-K Spillway, 116-K-3, 1904 Outfall Structure are part of the water utilities for the 105 KW reactor and storage basin. This water utility is required to support safe storage and treatment preparation for the sludge stored in the KW basin. This water infrastructure will be required until the sludge is removed from the basin or an alternate water distribution for KW is implemented.