

[008859]

TRI-PARTY AGREEMENT

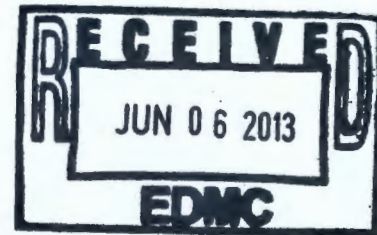
Change Notice Number TPA-CN- 570	TPA CHANGE NOTICE FORM	Date: June 5, 2013
Document Number, Title, and Revision: DOE/RL-2010-52, Rev. 0, Remedial Design Report and Remedial Action Work Plan for the K Basins Interim Remedial Action: 105-K West Basin Deactivation 0095219		Date Document Last Issued: March 2011
Originator: DJ Watson		Phone: 376-5532

Description of Change:

Revised scope of deactivation activities to delete retrieval of sludge collected in the settler tanks following initial retrieval and transfer to Engineered Container 230 in the 105-K West Basin.

R. A. Quintero **DOE** and R. Lobos **Lead Regulatory Agency** agree that the proposed change modifies an approved workplan/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*.

See page 2 of 2 of this TPA-CN for changes to the above RD/RAWP. Text to be deleted is shown in ~~stikeout~~.



Note: Include affected page number(s)

Justification and Impacts of Change:

In accordance with the provisions in DOE/RL-2010-52, Rev. 0, Section 3.2.4.3 an assessment to determine if a second retrieval of sludge from the Setter Tanks following initial retrieval and transfer to EC 230 has been performed. This assessment has been performed in accordance with DOE/RL-2010-107, Rev. 0, *105-K West Basin Qualified Process and Plan to Satisfy End-Point Criteria (Fuel, Sludge, and Below-Water Debris)* (as amended by TPA-CN-424), Section 4.3.1.2 *End Point Criteria No. 2 for Sludge Removal*, item 7. Specifically the determination if a second retrieval of sludge from the Settler Tanks following initial retrieval and transfer to EC 230 is necessary for waste acceptance or ALARA considerations has been made per references (a) and (b). This determination concluded it is not necessary.

References:

- (a) ECF-100KR2-12-0040, Rev. 1, Calculation for 105-KW Basin Substructure Demolition Rubble ERDF Compliance
- (b) PRC-STP-00805, Rev. 0, Sludge Treatment Project Decision Support Board Second Setter Tank Retrieval Evaluation

Approvals:

R. A. Quintero <i>Roger Quintero</i>	6/5/13	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
DOE Project Manager	Date	
R. Lobos <i>[Signature]</i>	6/5/2013	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
EPA Project Manager	Date	
N/A		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved
Ecology Project Manager	Date	

Section 3.2.4 Remaining Deactivation Activities

Deactivation activities include removing hazardous substances from equipment and decontaminating to the extent necessary to support removal and disposal, or future demolition with the basin. This includes removing and disposing filter media as well as the IXMs used for water treatment during the final stages of deactivation; ~~retrieval of sludge collected in the settler tanks following initial retrieval and transfer to EC-230~~; removing asbestos; grouting basin floor and pits; and applying fixatives to contaminated surfaces as necessary for basin demolition. In addition, the ECs that had once stored sludge will also be dispositioned.

Section 3.2.4.3 Filter Vessels, Settler Tanks, and Engineered Container Disposition

After the removal of the filter media, the filter vessels, which are not in the basin pool, will be filled with grout as necessary to provide shielding and void space filling. The settler tanks, which are under water in the basin pool, will remain as debris in the basin (Figure 9). The sludge added to the settler tanks (from operations such as KOP sludge pretreatment and KOP sludge processing that occurred subsequent to the initial retrieval from the settler tanks and transfer to EC-230) ~~will be~~ has been assessed ~~and~~ determined that if a second retrieval is not necessary. ~~This sludge will be generated from such operations as processing the last SNF, knock out pot (KOP) pre-treatment, and KOP processing.~~ These settler tanks will be filled with grout, ~~following the second retrieval of sludge using existing inlet and outlet connections.~~ This will provide shielding and complete void space filling in preparation for removal and disposal during basin demolition.