

Change Number M-16-19-01	Federal Facility Agreement and Consent Order Change Control Form		Date 05/06/2019
Originator Mark French			Phone 509-373-9863
Class of Change <input type="checkbox"/> I – Signatories <input checked="" type="checkbox"/> II – Executive Managers <input type="checkbox"/> III – Project Managers			
Change Title Extend Due Date of Interim Milestones M-016-85A and M-016-85 in TPA Action Plan, Appendix D			
Description/Justification of Change <p>This change control form extends the due date of interim milestones M-016-85A by 2 years and M-016-85 by 4 years. TPA milestone M-016-85A calls for the remote excavation of the highly contaminated soil beneath the 324 Building. The technical difficulties encountered to remove the soil while maintaining the structural integrity of the 324 building have been substantially greater than originally thought. The schedule slip is the aggregate result of identifying elevated radiological conditions and the complexity of structural modifications to the aging 324 facility.</p> <p>Despite these challenges, significant progress has been made toward meeting the milestone. Construction has completed on a full-scale Mockup of B-cell. The Mockup provides workers with a safe, non-radiological environment to practice the installing remote excavation equipment, and it allows operators to complete training and qualifications prior to using the equipment in B-Cell. After having installed and tested all remote-excavation equipment at the Mockup, workers went on to install the first Remote Excavator Arm (REA) in the 324 Building in November 2018. Equipment operators are actively using the REA in 324 to clear contaminated debris interfering with removal of the B-cell floor. Once the debris and floor are removed, excavation of the contaminated soil beneath B-cell will begin.</p> <p><i>Continued on Page 2.</i></p>			
Impact of Change <p>This change control form extends the due date of interim milestone M-016-85A by 2 years and extends subsequent follow-on milestone M-016-85 by 4 years.</p>			
Affected Documents <p>The Hanford Federal Facility Agreement and Consent Order (HFFACO), as amended, and Hanford Site internal planning management, and budget documents (e.g., USDOE and USDOE contractor Baseline Change Control documents, Project Management Plans). Specifically, the <i>Remedial Design Report/Remedial Action Work Plan for 300-FF-2 Soils</i>, DOE/RL-2014-13-ADD1, Rev. 1, and other implementing documents will be affected.</p>			
Approvals			Page 1 of 2
 W.F. Hamel, DOE	6/17 Date	Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/>	
 D.F. Einan, EPA	6/27/19 Date	Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/>	
N/A A.K. Smith, Ecology	_____ Date	Approved <input type="checkbox"/> Disapproved <input type="checkbox"/>	

Description/Justification of Change (continued)

Completing this complex, high-hazard activity is a major priority for the US Department of Energy Richland Operations Office (USDOE). Pursuant to HFFACO Article XL, Paragraph 120E, DOE proposes that there is good cause to extend the milestones to ensure adequate time for safely completing the work.

Modifications to the HFFACO are displayed by using double underline to indicate added text and ~~strikeout~~ to indicate deleted text.

Number	Milestone	Due Date
M-016-85A Lead Regulatory Agency: EPA	Complete remote excavation of the 300-296 waste site in accordance with an approved RD/RA Work Plan.	09/30/2019 <u>09/30/2021</u>
M-016-85 Lead Regulatory Agency: EPA	Complete remedial actions for the 300-296 waste site in accordance with RD/RA Work Plan for 300-FF-2 Soils (DOE/RL-2014-13-ADD1) and disposition for the 324 Building and Ancillary Buildings in accordance with the Removal Action Work Plan (DOE/RL-2004-77). Completion of facility disposition is defined as the completion of deactivation, decontamination, decommissioning, and demolition in accordance with the removal action work plan.	09/30/2021 <u>09/30/2025</u>