

Change Number M-13-01-01	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink. Confidential Interim Negotiation Product, Do Not Distribute	Date March 13, 2001
Originator Bryan Foley, DOE		Phone 376-7087
Class of Change <input type="checkbox"/> I – Signatories <input checked="" type="checkbox"/> II – Executive Manager <input type="checkbox"/> III – Project Manager		
Change Title Extension of the Interim Milestone M-13-26, "Submit 200-PW-1 Operable Unit RI/FS Work Plan "		
Description/Justification of Change Tri-Party Agreement Milestone M-13-26 "Submit plutonium/organic-rich process waste group (200-PW-1) work plan" was established under TPA Change Request M-13-00-01. As described in the 200 Areas Remedial Investigation/Feasibility Study (RI/FS) Implementation Plan (DOE/RL-98-28, Rev.0) and consistent with other operable unit (OU) work plans, the focus of the RI for the 200-PW-1 OU is characterization of the vadose zone at representative sites with an emphasis on verifying the conceptual contaminant distribution model. One of the contaminants of concern that was disposed at waste sites within the 200-PW-1 Operable Unit is carbon tetrachloride. Unlike other contaminants, the physical properties of carbon tetrachloride (e.g. volatility, solubility) have influenced the migration of the contaminant into portions of the vadose zone far beyond the boundaries of known waste disposal sites. Based on the distribution of carbon tetrachloride in groundwater, there may be additional unidentified sources in the vadose zone. The U.S. Environmental Protection Agency (EPA) has requested that that the 200-PW-1 RI/FS Work Plan incorporate all investigations needed to answer questions surrounding the OU contaminants of concern, carbon tetrachloride being of particular concern. In the public review version of the Five Year Review of the Interim Records of Decision, there is a requirement that the DOE evaluate enhancements to the 200-PW-1 soil vapor extraction system for carbon tetrachloride removal from the vadose zone by the end of calendar year 2001. Part of the enhancements to the system will be better definition of the vertical and lateral extent of the dispersed carbon tetrachloride vadose zone plume. EPA recently requested accelerating the investigation of the dispersed carbon tetrachloride vadose zone plume by incorporating it into the 200-PW-1 RI/FS Work Plan. Inclusion of the investigation of the dispersed carbon tetrachloride vadose zone plume, as requested by the U.S. Environmental Protection Agency, was not budgeted as part of the FY 2001 work scope. To include the dispersed carbon tetrachloride plume investigation in the 200-PW-1 work plan, the M-13-26 milestone will need to be deferred.		
Interim Milestones Modified/Established by Approval of This Change Request		
M-13-26	Submit plutonium/organic-rich process waste group (200-PW-1) work plan	6/30/2001-12/31/2001
Impact of Change. Revision of M-13-26 interim milestone completion date. This is in accordance with Tri-Party Agreement Major Milestone M-13-00L, Submit 3 200 NPL RI/FS (RFICMS) Work Plans, by December 31, 2001.		
Affected Documents The Hanford Federal Facility Agreement and Consent Order, as amended		

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Approvals			
DOE	<u>W. W. Ballard</u> W. W. Ballard	<u>2/19/01</u> Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
EPA	<u>D. R. Sherwood</u> D. R. Sherwood	<u>4/19/01</u> Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
N/A Ecology			<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved