

Change Number M-23-04-01	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink.	Date March 16, 2004
Originator DOE-ORP		Phone 376-6677
Class of Change <input type="checkbox"/> I – Signatories <input checked="" type="checkbox"/> II – Executive Manager <input type="checkbox"/> III – Project Manager		
Change Title Modification of <u>Hanford Federal Facility Agreement and Consent Order (HFFACO)</u> M-023-25 and M-023-25G milestones to realign installation of liquid observation wells (LOWs) with current retrieval schedule for Single-Shell Tanks (SSTs) C-103, C-105, C-102, and C-112.		
Description/Justification of Change <p>The HFFACO milestones M-023-25 and M-023-25G require completion of installation of Liquid Observation Wells (LOWs) in 24 Single-Shell Tanks (SSTs) including, C-103, C105, C-102, and C-112 by September 30, 2004. These tanks were originally scheduled for retrieval beyond 2008. However, the acceleration of C-Farm retrieval has moved these tanks into 2004 and 2005. Design and procurement of retrieval equipment for Tanks C-103 and C-105 was begun this month, March 2004, with retrieval of C-103 beginning October 27, 2004 and retrieval of C-105 beginning January 15, 2005. Approximately six months will be required to install the LOWs in the subject tanks due to tank equipment configuration issues. This is the same time frame identified in M-023-25 and M-023-25G for the installation of the C-103 LOW and C-105 LOW. Additionally, if LOWs were to be installed in tanks C-102 and C-112 by September 30, 2004, they would have to be removed only six months later in order to install retrieval equipment in those same tank, thereby incurring the expense of design, fabrication, and installation of LOWs for only six months of service. Given the acceleration of the C Farm retrieval schedule, cost savings could be achieved by delaying, and perhaps, eventually deleting HFFACO Milestone M-023-25G. This change request extends the requirement to install LOWs in C-103, C-105, C-102, and C-112 to March 31, 2005, thereby allowing ORP to initiate or complete retrieval of waste from the first two of these tanks and undertake actions to install retrieval equipment in the last two.</p>		
Impact of Change This change request modifies the <u>Hanford Federal Facility Agreement and Consent Order (HFFACO)</u> M-023-25 and M-023-25G milestones to reflect the current planned procurement and construction completion schedule for retrieval of C-103, C-105, C-102, and C-112 in readiness for retrieval operations.		
Affected Documents The <u>Hanford Federal Facility Agreement and Consent Order</u> , as amended, including HFFACO Action Plan Appendix D, DOE's Annual Land Disposal Restrictions Report, DOE's Tank Farm Closure/Post-Closure Workplan Update, and Hanford site internal planning, management, and budget documents (e.g., DOE and DOE contractor Baselines, Baseline Change Control documents; Sitewide Systems Engineering Control documents; Project Management Plans).		
Approvals <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p><i>[Signature]</i> for Mike Wilson</p> <hr/> <p>Ecology</p> </div> <div style="width: 30%;"> <p>3/19/04</p> <hr/> <p>Date</p> </div> <div style="width: 20%;"> <p><input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 40%;"> <p><i>[Signature]</i></p> <hr/> <p>DOE - ORP</p> </div> <div style="width: 30%;"> <p>3/16/04</p> <hr/> <p>Date</p> </div> <div style="width: 20%;"> <p><input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved</p> </div> </div>		

RECEIVED
APR 05 2004

Modifications to the M-23-25 series milestone incorporated into the HFFACO by approval of this M-23-04-01 Change Request are shown here as either **shaded** additions, or **strikethrough** deletions.

M/S Number Date	Milestone Description	Due
M-023-25	<p>COMPLETE THE INSTALLATION OF LIQUID OBSERVATION WELLS (LOWs) FOR SSTs AX-103, B-101, T-101, T-109, TX-103, TX-104, B-107, B-108, B-109, BY-108, BX-110, TX-116, C-102, C-105, BX-109, TY-105, U-110, A-106, C-112, SX-111, SX-112, S-107, C-103, AND TX-105. ORDER OF INSTALLATION OF THESE LOWs SHALL GIVE PRIORITY TO THOSE CONTAINING PREDOMINANTLY SALT CAKE, OR WHICH OTHERWISE POSE A HIGHER RISK OF ENVIRONMENTAL CONTAMINATION SHOULD THEY FAIL. NOTE: LOW MONITORING FREQUENCY AND OTHER LEAK DETECTION AND MONITORING REQUIREMENTS WILL BE REVIEWED AS PART OF THE SINGLE-SHELL TANK SYSTEM LEAK DETECTION AND MONITORING FUNCTIONS AND REQUIREMENTS DOCUMENT.</p>	<p>September 30, March 31, 2005</p>
M-023-25A (COMPLETED)	<p>COMPLETE THE INSTALLATION OF LIQUID OBSERVATION WELLS (LOWs) AND BEGIN WEEKLY LIQUID OBSERVATION MONITORING FOR FOUR SSTs.</p>	March 31, 2002
M-023-25B 2002 (COMPLETED)	<p>COMPLETE THE INSTALLATION OF LIQUID OBSERVATION WELLS (LOWs) AND BEGIN WEEKLY LIQUID OBSERVATION MONITORING FOR FOUR SSTs.</p>	September 30,
M-023-25C (COMPLETED)	<p>COMPLETE THE INSTALLATION OF LIQUID OBSERVATION WELLS (LOWs) AND BEGIN WEEKLY LIQUID OBSERVATION MONITORING FOR FOUR SSTs.</p>	March 31, 2003
M-023-25D 2003 (COMPLETED)	<p>COMPLETE THE INSTALLATION OF LIQUID OBSERVATION WELLS (LOWs) AND BEGIN WEEKLY LIQUID OBSERVATION MONITORING FOR FOUR SSTs.</p>	September 30,
M-023-25F	<p>COMPLETE THE INSTALLATION OF LIQUID OBSERVATION WELLS (LOWs) AND BEGIN WEEKLY LIQUID OBSERVATION MONITORING FOR FOUR SSTs.</p>	March 31, 2004
M-023-25G 2004	<p>COMPLETE THE INSTALLATION OF LIQUID OBSERVATION WELLS (LOWs) AND BEGIN WEEKLY LIQUID OBSERVATION MONITORING FOR FOUR SSTs.</p>	<p>September 30, March 31, 2005</p>