

| | | |
|---|--|--------------------------------|
| Change Number M-16-13-02 | Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink. | Date April 09, 2013 |
| Originator R. F. Guercia (U. S. Department of Energy, Richland Operations Office [DOE]) | | Phone (509) 376-5494 |
| 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 interim M-016-75 milestone in the 300 Area. | | |
| Description/Justification of Change Interim Tri-Party Agreement Milestone M-016-075 requires initiation of substantial and continuous remediation on 309 facility dedicated Radioactive Liquid Waste Sewer (300 RLWS) and the 300 Area Process Sewer (300-15) systems. The work sequence initiating substantial and continuous remediation commences with removal of the Plutonium Recycle Test Reactor (PRTR), followed by demolition of the below-grade portion of the 309 facility. Removal of the upper portion of the 309 below-grade containment structure is required in order to gain access to the origins of the piping runs that leave the facility. Removal of the PRTR has experienced technical difficulties and unanticipated conditions. Shielding concrete nearest the reactor core was found to be structurally compromised, which represented an impediment to core drilling and wire sawing that could not be overcome. This condition forced an engineering redesign of the PRTR removal methods and has resulted in adverse impacts to project schedules. Additional difficulties included higher levels of radioactive contamination than anticipated. Lastly, M-016-75 scope makes inadvertent reference to 300-15 piping servicing the 309 facility. No 300-15 piping is associated with this building; therefore, a correction to this reference in the milestone description is necessary. The changes to this interim milestone does not impact subsequent interim milestone M-016-69 for the 300 Area. (See Description/Justification of Change Continued on next page(s). | | |
| Impact of Change <ul style="list-style-type: none"> • Correct the scope of M-016-75 to remove reference to 300-15. • Extend the milestone due date to March 31, 2014. | | |
| Affected Documents Hanford Federal Facility Agreement and Consent Order, Appendix D Remedial Design Report/Remedial Action Work Plan for the 300 Area, DOE/RL-2001-47, Rev. 3. | | |
| Approvals [Signature] 4.9.13 ✓ Approved _____ Disapproved _____ DOE Date [Signature] 4/9/13 ✓ Approved _____ Disapproved _____ EPA Date | | Page 1 of 2 |



Change Form M-16-013-02

Page 2 of 2

Authorized Changes:

Hanford Federal Facility Agreement and Consent Order Interim Milestones or target dates are modified or created as shown below using ~~strikeout~~ to indicate text deletions and double underline to indicate text additions:

| Milestone Number | Milestone Description | Completion Date |
|------------------|--|--|
| M-016-75 | Initiate substantial and continuous remediation on the 309 facility dedicated Radioactive Liquid Waste Sewer (300 RWLS) and <u>associated</u> the 300 Area Process Sewer (300-15) systems. Dedicated sewers shall be considered lines that serve no other buildings than the 309 facility, and be located within the quadrangle formed by the following streets: Redwood Street, New Mexico Avenue, Cypress Street, and California Avenue. | 09/30/2013 <u>03/31/2014</u> |

Change Form M-16-13-02