



**Department of Energy**  
Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

15-AMRP-0245

**JUL 01 2015**

Mr. D. A. Faulk, Program Manager  
Office of Environmental Cleanup  
Hanford Project Office  
U.S. Environmental Protection Agency  
309 Bradley Boulevard, Suite 115  
Richland, Washington 99352

Dear Mr. Faulk:

**NOTIFICATION THAT HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER (TRI-PARTY AGREEMENT) INTERIM MILESTONE M-016-190 IS AT RISK OF BEING MISSED; AND TRANSMITTAL OF M-16-15-05 CHANGE CONTROL FORM FOR MILESTONE EXTENSION**

The purpose of this letter is for the U.S. Department of Energy Richland Operations Office (RL) to formally notify the U.S. Environmental Protection Agency (EPA) that Tri-Party Agreement Interim Milestone M-016-190, "Complete the installation of extraction and injection wells for the U Plant area pump and treat system for uranium and technetium-99, and the iodine-129 hydraulic containment system as defined in the 200-UP-1 RD/RA WP," is at risk of being unrecoverable by September 30, 2015, and to transmit Change Control Form M-16-15-05 for extension of the aforementioned milestone.

The uranium extraction wells have been completed; however, issues have arisen after encountering an unusually complex geological environment while drilling the first of three iodine containment wells on the Central Plateau. These difficult drilling conditions have created problems with the advancement of the temporary well casing, and have also resulted in additional, unexpected repairs to the drilling equipment despite reasonably diligent maintenance. Discovery of similar conditions is expected at the remaining two boreholes, which may jeopardize completion of the M-016-190 Interim Milestone by the September 30, 2015, due date. RL is addressing these emergent issues by bringing out a second drill rig to attempt to minimize the chance for delays.

The attached Change Control Form M-16-15-05 proposes a 90 day extension to the milestone to overcome geotechnical drilling complications that are likely to arise at the last two iodine well boreholes.

Mr. D. A. Faulk  
15-AMRP-0245

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If you have any questions, please contact me, or your staff may contact Mike Cline, of my staff, on (509) 376-6070.

Sincerely,



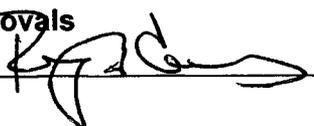
Ray J. Corey, Assistant Manager  
for the River and Plateau

AMRP:BWV

Attachment

cc w/attach:

G. Bohnee, NPT  
J. V. Borghese, CHPRC  
R. Buck, Wanapum  
S. Harris, CTUIR  
J. A. Hedges, Ecology  
S. Hudson, HAB  
R. Jim, YN  
E. Laija, EPA  
N. M. Menard, Ecology  
K. Niles, ODOE  
C. P. Noonan, MSA  
R. E. Piippo, MSA  
D. Rowland, YN  
M. J. Turner, MSA  
Administrative Record  
Environmental Portal

<b>Change Number</b> M-16-15-05	<b>Federal Facility Agreement and Consent Order Change Control Form</b>	<b>Date</b> 06/29/2015
<b>Originator</b> R. J. Corey		<b>Phone</b> (509) 373-9971
<b>Class of Change</b> <input type="checkbox"/> I - Signatories <input checked="" type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager		
<b>Change Title</b> Extend Milestone M-016-190 Due Date for the Installation of 200-UP-1 Extraction and Injection Wells		
<b>Description/Justification of Change</b> Milestone M-016-190 for the installation of extraction and injection wells for the U Plant area pump and treat system is extended by 90 days. The milestone is being extended because of unexpected difficult drilling conditions on the first borehole experienced by the drilling subcontractor. The difficult drilling conditions created problems with the advancement of the temporary casing and also resulted in additional repairs/maintenance of the drilling equipment. It is expected the remaining two boreholes will also experience similar drilling difficulties.		
Modifications are denoted by using <del>strikeout</del> to indicate text deletions and <u>double underline</u> to indicate text additions.		
<b>Number</b>	<b>Milestone</b>	<b>Due Date</b>
M-016-190 Lead <u>Regulatory</u> Agency: EPA	Complete the installation of extraction and injection wells for the U Plant area pump & treat system for uranium and technetium-99, and iodine-129 hydraulic containment system as defined in the 200-UP-1 RD/RA WP.	<del>09/30/2015</del> <u>12/29/2015</u>
<b>Impact of Change</b> This change extends the due date by 90 days for TPA milestone M-016-190.		
<b>Affected Documents</b> The Hanford Federal Facility Agreement and Consent Order (HFFACO), as amended. Hanford Site internal planning management and budget documents.		
<b>Approvals</b>		
DOE		7/1/15 X Approved _____ Disapproved _____
EPA		_____ Date _____ Approved _____ Disapproved _____
N/A Ecology		_____ Date _____ Approved _____ Disapproved _____