



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

0070091

06-AMRC-0279

JUN 29 2006

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

Ms. Jane A. Hedges, Program Manager  
Nuclear Waste Program  
State of Washington  
Department of Ecology  
3100 Port of Benton Boulevard  
Richland, Washington 99354

Addressees:

**CHANGE CONTROL FORMS M-94-05-02 AND M-16-05-06 TO ESTABLISH NEW HANFORD FEDERAL FACILITY AGREEMENT CONSENT ORDER (HFFACO) INTERIM MILESTONES FOR ACCELERATION OF RIVER CORRIDOR CLEANUP**

The U.S. Department of Energy, Richland Operations Office (RL) is submitting the attached M-94-05-02 and M-16-05-06 Class II Change Control Forms to the U.S. Environmental Protection Agency (EPA) and the State of Washington Department of Ecology (Ecology) for approval. These change packages are a follow-up to the December 2005 M-94-01 and M-16-63 milestone submittals for establishing interim milestones for accelerated River Corridor Cleanup.

The attached, signed Change Control Forms are being provided to EPA, as lead regulatory agency, for signature. The originals should then be forwarded to Ecology for final approval and then be returned to RL.

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If you have questions, please contact me or your staff may contact Joe Franco, Assistant Manager for the River Corridor, on (509) 376-6628.

Sincerely,



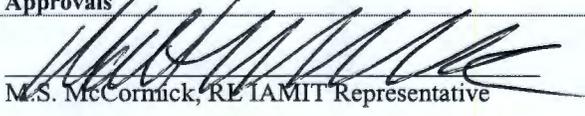
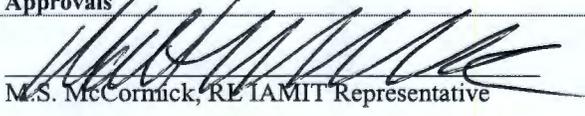
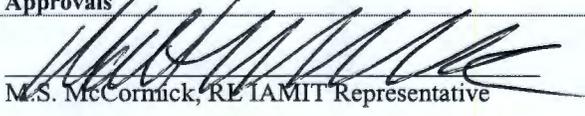
Keith A. Klein  
Manager

AMRC:RFG

Attachments

cc w/attachs:

G. Bohnee, NPT  
F. W. Bond, Ecology  
A. L. Boyd, EPA  
L. J. Cusack, Ecology  
S. L. Feaster, WCH  
S. Harris, CTUIR  
R. Jim, YN  
R. J. Landon, WCH  
T. Martin, HAB  
R. D. Morrison, FHI  
K. Niles, ODE  
R. E. Piippo, FHI  
R. R. Skinnarland, Ecology  
C. Whalen, Ecology  
Administrative Record, H6-08  
Environmental Portal, A3-01  
TPA Administrative Record, A6-08

<b>Change Number</b> M-94-05-02	<b>Federal Facility Agreement and Consent Order</b> <b>Change Control Form</b> <small>Do not use blue ink. Type or print using black ink.</small>	<b>Date:</b> 6/14/06												
<b>Originator:</b> Kevin D. Bazzell	<b>Phone:</b> (509) 373-0463													
<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> Establish Tri-Party Agreement Interim Milestones M-094-06, M-094-07, M-094-08, M-094-09.														
<b>Description/Justification of Change:</b> <p>In October 2001, the U.S. Department of Energy, Richland Operations Office, (RL), the State of Washington, Department of Ecology (Ecology), and the U.S. Environmental Protection Agency (EPA), hereinafter referred to as the Parties, entered into negotiations for cleanup schedules consistent with the common objective of remediating waste sites and facilities located along the Columbia River by September 30, 2018. The negotiations were formalized with the approval of Tri-Party Agreement change packages.</p> <p>To accelerate cleanup work along the Columbia River, the U.S. Department of Energy (DOE) issued a Request for Proposal in March 2002 to pursue procurement of a new, first-of-a-kind closure contract. The contracting approach was designed to accelerate risk reduction and closure of 210-square-miles beginning at the shores of the Columbia River and extending inland to the middle of the Hanford Site. In the December 2003/January 2004 timeframe, DOE solicited input from prospective offerors, other interested parties and industry to ensure that this contracting approach was an effective way to close the Hanford Site River Corridor. As a result, major changes were made to the RFP and RL reissued it in July 2004. In September 2004, the Parties changed the M-094-00 major milestone to reflect the expected accelerated contract strategy end date of September 30, 2015 and established a new interim milestone, M-094-05, to show continued progress towards deactivation, decontamination, decommissioning and demolition of 300 Area high priority facilities.</p> <p>Description/Justification of Change and Tri-Party Agreement milestones are continued on pages 2-3 of this Tri-Party Agreement change Package.</p>														
<b>Impact of Change:</b> Establishes new Tri-Party Agreement Interim Milestones M-094-06, M-094-07, M-094-08 and M-094-09. Modifies regulatory requirements governing Hanford remediation activities. Administrative action is required to incorporate this change in Appendix D of the Tri-Party Agreement.														
<b>Affected Documents:</b> The Hanford Federal Facility Agreement and Consent Order, as amended, and Hanford Site internal planning management and budget documents (e.g., USDOE and USDOE contractor Baseline Change Control documents; Multi-Year Work Plan; Sitewide Systems Engineering Control Documents; Project Management Plans, and, if appropriate, LDR Report requirements).														
<b>Approvals</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; vertical-align: bottom;">   M.S. McCormick, RE IAMIT Representative </td> <td style="width: 15%; border-bottom: 1px solid black; vertical-align: bottom;"> 6/26/06  Date </td> <td style="width: 15%; border-bottom: 1px solid black; vertical-align: bottom;"> <input checked="" type="checkbox"/> Approved </td> <td style="width: 15%; border-bottom: 1px solid black; vertical-align: bottom;"> <input type="checkbox"/> Disapproved </td> </tr> <tr> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> N. Ceto, EPA IAMIT Representative </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> Date </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> <input type="checkbox"/> Approved </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> <input type="checkbox"/> Disapproved </td> </tr> <tr> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> J. Hedges, Ecology IAMIT Representative </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> Date </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> <input type="checkbox"/> Approved </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> <input type="checkbox"/> Disapproved </td> </tr> </table>			 M.S. McCormick, RE IAMIT Representative	6/26/06 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved	N. Ceto, EPA IAMIT Representative	Date	<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved	J. Hedges, Ecology IAMIT Representative	Date	<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
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N. Ceto, EPA IAMIT Representative	Date	<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved											
J. Hedges, Ecology IAMIT Representative	Date	<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved											

Tri-Party Agreement Change Request

M-94-05-02

Page 2

Description/Justification of Change (continued)

The existing December 31, 2005, completion date for Tri-Party Agreement Milestone M-094-01, *Submit a Schedule and Tri-Party Agreement Milestones to Complete Disposition of the Surplus Facilities in the 300 Area*, was predicated on the selection of the River Corridor Contractor by January 2005 and subsequent baseline submittal six months later. The River Corridor Closure Contract was awarded on March 23, 2005 and responsibility for the River Corridor work was transferred to the new contractor on August 27, 2005. The contractor submitted their baseline and schedule for the River Corridor workscope on November 22, 2005. Based on the new baseline, the Parties have agreed to changes to the M-094 milestone series. Four new Tri-Party Agreement Interim Milestones, M-094-06, M-094-07, M-094-08, and M-094-09 are being added to ensure continued progress towards deactivation, decontamination, decommissioning and demolition of 300 Area high priority facilities. The high priority facilities listed represent potential safety hazards, are critical path facilities with high dollar cleanup costs and potential schedule impacts on the overall 300 Area remediation effort, and are within the scope of the proposed RCCC Baseline. The milestones are identified on page 3 of the Tri-Party Agreement Change Control Form. It should be noted that the companion milestones M-094-03 and M-094-05 remain unchanged by these negotiations.

Modifications established by approval of this Tri-Party Agreement Change Control Form are denoted as ~~strikeout~~ for deletions/modification and **shading** for new text.

Milestone Number	Milestone Description	Completion Date
M-094-00	<p>Complete disposition of 300 Area surplus facilities to be defined as the 220 facilities listed in the Hanford River Corridor Closure Contract Solicitation #DE-RP06-04RL14655.</p> <p>Completion of facility disposition is defined as the completion of deactivation, decontamination, decommissioning, and demolition and obtain EPA and/or Ecology approval of the appropriate project closeout documents. The cleanup of 300-FF-2 waste sites associated with 300 Area surplus facilities will be performed in accordance with Tri-Party Agreement Major Milestone M-016-00B. □</p>	9/30/2015
M-094-01	<p>Submit a schedule and Tri-Party Agreement milestones to complete disposition of the surplus facilities in the 300 Area.</p> <p>The milestone deliverable shall include at least: 1) a schedule for submittals of Engineering Evaluation/Cost Analyses (EE/CA), removal action memoranda, removal action work plans, closure/post closure plans and other documents that require EPA and/or Ecology approval; 2) a schedule that defines initiation and completion dates for the disposition of groups of surplus facilities and associated waste sites; and 3) A Tri-Party Agreement change package that includes milestones for groups of surplus facilities and associated waste sites that will ensure completion of M-094-00. These schedules shall be included (and updated as appropriate) in 300 Area removal action work plans submitted for EPA and/or Ecology approval will be aligned with the associated schedules</p>	12/31/2005

Milestone Number	Milestone Description	Completion Date
	required by M-016-63. □	
M-094-03	Complete Disposition Of The Following Surplus Facilities: 303M, 332, 333, 334, 334A, 3221, 3222, 3223, 3224, 3225, 324, 324B, 327 (See TPA Change Request M-94-01-01, Table 1)	9/30/2010

Tri-Party Agreement Change Request

M-94-05-02

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Milestone Number	Milestone Description	Completion Date
M-094-05	Complete deactivation, decontamination, decommissioning and demolition (D4) of 313 and 314 facilities. Foundations, subsurface structures, and/or soil contamination can be deferred to a comprehensive remedial action program, but waste sites will be established in the interim to track this cleanup commitment.	9/30/2006
M-094-06	<p>Complete the selected removal and/or remedial actions that are selected for 3 of the following 19 high priority facilities: 305B, 306E, 306W, 307 Retention Basins, 308, 309, 321, 323, 324, 324B, 325, 326, 327, 329, 333, 340, 3706, 307 trench and 3720; <b>to include the 333 facility.</b></p> <p>The 307 trench (also known as the 316-3 waste site) is a candidate waste site. Completion of this milestone commitment for the 307 trench includes the necessary characterization to determine if further remediation is necessary and will be met when the sampling results have been accepted by EPA. The selected removal action for the other 18 facilities listed is or is expected to be completion of deactivation, decontamination, decommissioning, and demolition (D4) of the facility. In accordance with approved work plans, foundation, subsurface structures, and/or soil contamination can be deferred to a comprehensive remedial action program, but waste sites will be established in the interim to track this cleanup commitment.</p>	12/30/2007
M-094-07	<p>Complete the selected removal and/or remedial actions that are selected for 6 of the following 19 high priority facilities: 305B, 306E, 306W, 307 Retention Basins, 308, 309, 321, 323, 324, 324B, 325, 326, 327, 329, 333, 340, 3706, 307 trench and 3720; <b>to include the 306E, 306W, 3720 and 305B facilities</b></p> <p>The 307 trench (also known as the 316-3 waste site) is a candidate waste site. Completion of this milestone commitment for the 307 trench includes the necessary characterization to determine if further remediation is necessary and will be met when the sampling results have been accepted by EPA. The selected removal action for the other 18 facilities listed is or is expected to be completion of deactivation, decontamination, decommissioning, and demolition (D4) of the facility. In accordance with approved work plans, foundation, subsurface structures, and/or soil contamination can be deferred to a comprehensive remedial action program, but waste sites will be established in the interim to track this cleanup commitment.</p>	12/31/2009
M-094-08	<p>Complete the selected removal and/or remedial actions that are selected for 12 of the following 19 high priority facilities: 305B, 306E, 306W, 307 Retention Basins, 308, 309, 321, 323, 324, 324B, 325, 326, 327, 329, 333, 340, 3706, 307 trench and 3720.</p> <p>The 307 trench (also known as the 316-3 waste site) is a candidate waste site. Completion of this milestone commitment for the 307 trench includes the necessary characterization to determine if further remediation is necessary and will be met when the sampling results have been accepted by EPA. The selected removal action for the other 18 facilities listed is or is expected to be completion of deactivation, decontamination, decommissioning, and demolition (D4) of the facility. In accordance with approved work plans, foundation, subsurface structures, and/or soil contamination can be deferred to a comprehensive</p>	12/31/2011

	remedial action program, but waste sites will be established in the interim to track this cleanup commitment.	
M-094-09	<p>Complete of the selected removal and/or remedial actions that are selected for 15 of the following 19 high priority facilities: 305B, 306E, 306W, 307 Retention Basins, 308, 309, 321, 323, 324, 324B, 325, 326, 327, 329, 333, 340, 3706, 307 trench and 3720; to include the 323 facility and the 307 trench.</p> <p>The 307 trench (also known as the 316-3 waste site) is a candidate waste site. Completion of this milestone commitment for the 307 trench includes the necessary characterization to determine if further remediation is necessary and will be met when the sampling results have been accepted by EPA. The selected removal action for the other 18 facilities listed is or is expected to be completion of deactivation, decontamination, decommissioning, and demolition (D4) of the facility. In accordance with approved work plans, foundation, subsurface structures, and/or soil contamination can be deferred to a comprehensive remedial action program, but waste sites will be established in the interim to track this cleanup commitment.</p>	9/30/2013

<b>Change Number</b> M-16-05-06	<b>Federal Facility Agreement and Consent Order Change Control Form</b> <small>Do not use blue ink. Type or print using black ink.</small>	<b>Date:</b> 6/14/06
<b>Originator:</b> Kevin Bazzell	<b>Phone:</b> (509) 373-0463	
<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> Establish Tri-Party Agreement Interim Milestones M-016-73, M-016-74 and M-016-75.		
<b>Description/Justification of Change:</b>		
<p>In October 2001, the U.S. Department of Energy, Richland Operations Office, (RL), the State of Washington, Department of Ecology (Ecology), and the U.S. Environmental Protection Agency (EPA), hereinafter referred to as the Parties, entered into negotiations for cleanup schedules consistent with the common objective of remediating waste sites and facilities located along the Columbia River by September 30, 2018. The negotiations were formalized with the approval of Tri-Party Agreement change packages.</p> <p>To accelerate cleanup work along the Columbia River, the U.S. Department of Energy (DOE) issued a Request for Proposal in March 2002 to pursue procurement of a new, first-of-a-kind closure contract. The contracting approach was designed to accelerate risk reduction and closure of 210-square-miles beginning at the shores of the Columbia River and extending inland to the middle of the Hanford Site. In the December 2003/January 2004 timeframe, DOE solicited input from prospective offerors, other interested parties and industry to ensure that this contracting approach was an effective way to close the Hanford Site River Corridor. As a result, major changes were made to the RFP and RL reissued it in July 2004. In September 2004, the Parties established a new interim milestone, M-016-69 to accelerate the 300 Area interim remedial actions completion date (excludes the 618-10 and 618-11 Burial Grounds) by 3 years to correspond with the new contract strategy and clarified the existing M-016-00B milestone so that remedial action of the 618-10 and 618-11 Burial Grounds will still be completed by the September 30, 2018 commitment date.</p> <p>Description/Justification of Change and Tri-Party Agreement milestones are continued on pages 2-3 of this Tri-Party Agreement change Package.</p>		
<b>Impact of Change:</b>		
Establishes new Tri-Party Agreement Interim Milestones M-016-73, M-016-74 and M-016-75 and clarifies M-016-61. Modifies regulatory requirements governing Hanford remediation activities. Administrative action is required to incorporate this change in Appendix D of the Tri-Party Agreement.		
<b>Affected Documents:</b>		
The Hanford Federal Facility Agreement and Consent Order, as amended, and Hanford Site internal planning management and budget documents (e.g., USDOE and USDOE contractor Baseline Change Control documents; Multi-Year Work Plan; Sitewide Systems Engineering Control Documents; Project Management Plans, and, if appropriate, LDR Report requirements).		
<b>Approvals</b>		
 M.S. McCormick, RL IAMIT Representative	<u>6/24/06</u> Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
_____ N. Ceto, EPA IAMIT Representative	_____ Date	<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved
_____ J. Hedges, Ecology IAMIT Representative	_____ Date	<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved

## Description/Justification of Change (continued)

The existing December 31, 2005, completion date for Tri-Party Agreement Milestone M-016-63, *Submit a Schedule and Tri-Party Agreement Milestones to Complete Interim Remedial Actions for the 300-FF-2 waste sites and confirmatory sampling of the 300-FF-2 Candidate States Inside the Fence*, was predicated on the selection of the River Corridor Contractor by January 2005 and subsequent baseline submittal six months later. The River Corridor Closure Contract was awarded on March 23, 2005 and responsibility for the River Corridor work was transferred to the new contractor on August 27, 2005. The contractor submitted their baseline and schedule for the River Corridor workscope on November 22, 2005. Based on the new baseline, the Parties have agreed to changes to the M-016 milestone series. Three new Tri-Party Agreement Interim Milestones, M-016-73, M-016-74 and M-016-75 are being added to ensure continued progress towards completion of interim remedial actions of 300-FF-2 "Inside the Fence" waste sites. The change also revises existing milestone M-016-61, removing the 316-4 waste site so that it will be remediated with the 618-10 burial ground.

In 2005, excavation was initiated on the 316-4 crib. Contaminant concentrations were observed to increase with depth. Further excavation was constrained by the close proximity of the 618-10 burial ground and a decision was made to defer further remediation until the 618-10 remediation is being performed. The excavation at 316-4 was temporarily backfilled for safety reasons and to stabilize a nearby groundwater well.

The milestones are identified on page 3 of the Tri-Party Agreement Change Control Form. It should be noted that the companion milestones M-016-60, M-016-62, M-016-64 and M-016-69 remain unchanged by these negotiations.

Modifications established by approval of this Tri-Party Agreement Change Control Form are denoted as ~~strikeout~~ for deletions/modification and **shading** for new text.

Milestone Number	Milestone Description	Completion Date
M-016-60	Complete Interim Remedial Actions For At Least 3 Of The Following High Environmental Priority 300-FF-2 Waste Sites (316-4, 618-2, 618-3, 618-5 And 618-7) And Complete Confirmatory Sampling Of 300-FF-2 Candidate Sites 300-7 And 300-9.	12/31/2006
M-016-61	Complete Interim Remedial Actions For The Remaining High Environmental Priority 300-FF-2 Waste Sites ( <del>316-4</del> , 618-2, 618-3, 618-5 And 618-7).	12/31/2008
M-016-62	Complete Interim Remedial Actions For The Following 300-FF-2 Waste Sites: 300-8, 300-18, 300-VTS, 316-4, 600-47, 600-259, 618-2, 618-3, 618-5, 618-7, 618-8, And 618-13 (See Table 1 In TPA Change Request M-16-01-06).	12/31/2012
M-016-64	Complete Interim Remedial Actions For The Following 300-FF-2 Waste Sites: (300-259, 303-M SA, 303-M UOF, UPR 300-46, UPR 300-17, And 618-1) (See Table 2 In TPA Change Request M-016-01-06)	9/30/2010

Milestone Number	Milestone Description	Completion Date
M-016-69	<p>Complete all interim 300 Area remedial actions to include confirmatory sampling of all candidate sites listed in the 300-FF-2 ROD (except for 618-10 and 618-11 burial grounds).</p> <p>Completion of all interim remedial actions is defined as the completion of the ROD requirements in accordance with an approved RD/RA Work Plan and obtains EPA approval of the appropriate project closeout documents. Completion of confirmatory sampling is defined as the completion of the sampling necessary to determine whether or not the waste site meets criteria for cleanup or can be closed out from the Waste Information Data System (WIDS) as defined in the RD/RA Work Plan. The disposition of impeding surplus facilities will be performed in accordance with Milestone M-094-00.</p>	9/30/2015
M-016-73	Initiate substantial and continuous soil remediation at the 618-1 burial ground.	9/30/2008
M-016-74	Complete interim remediation, (to include excavation, loadout, closeout sampling, backfill and revegetation), for all 300 Area "inside the fence" waste sites north of Apple Street, except that for the 300-RLWS, 300-15, 300-4, 300-268 and 300-123 waste sites remediation need only be completed through excavation and loadout.	9/30/2012
M-016-75	<p>Initiate substantial and continuous remediation on the 309 facility dedicated Radioactive Liquid Waste Sewer (300 RLWS) and the 300 Area Process Sewer (300-15) systems.</p> <p>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.</p>	9/30/2013