



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

0057127

02-RCA-0312

APR 25 2002

Mr. Tom C. Fitzsimmons, Director
State of Washington
Department of Ecology
P.O. Box 47600
Olympia, Washington 98504

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EDMC

Mr. L. John Iani, Regional Administrator
U.S. Environmental Protection Agency
Region 10
1200 Sixth Avenue
Seattle, Washington 98101

Addressees:

HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER (TRI-PARTY AGREEMENT) CHANGE REQUESTS FOR RIVER CORRIDOR PROJECT (RCP) ACTIVITIES

On October 5, 2001, the U.S. Department of Energy, Richland Operations Office, the State of Washington Department of Ecology, and the U.S. Environmental Protection Agency, hereinafter referred to as the parties, agreed to enter into negotiations for cleanup schedules consistent with the common objective to achieve remediation of waste sites and facilities located along the Columbia River. The parties reached a tentative agreement on RCP negotiations in December 2001, and committed to complete the approval of the change requests by April 30, 2002. Public review began January 28, 2002, and concluded March 14, 2002.

The change requests were revised to address issues and comments raised by interested citizens during the public comment period. In addition, a Comments Response Document was prepared by the parties that includes the public comments received, the response, and the modifications to the Tri-Party Agreement.

Enclosed for your approval are four Tri-Party Agreement Change Requests associated with the RCP:

- M-016-01-05: Establish Date for Completion of all 100 Area Remedial Actions (Tri-Party Agreement Milestone M-016-00F)
- M-016-01-06: Establish Date for Completion of all 300 Area Remedial Actions (Tri-Party Agreement Milestone M-016-03A)
- M-093-01-02: Complete Final Disposition of all 100 Area Surplus Production Reactor Buildings (Tri-Party Agreement Milestone M-093)
- M-094-01-01: Establish Date for Final Disposition of all 300 Area Surplus Facilities (Tri-Party Agreement Milestone M-094)

Addressees
02-RCA-0312

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APR 25 2002

The parties continue to be committed to accelerating Hanford Site cleanup as outlined in the March 5, 2002, Letter of Intent. Constructive working relationships among the parties created a positive framework for this activity and allowed us to complete it in a timely and mutually satisfactory way.

If you have any questions, please contact me, or your staff may contact W. Wade Ballard, Assistant Manager for Planning and Integration, on (509) 376-6657, or Helen E. Bilson, Assistant Manager for the River Corridor, on (509) 376-6628.

Sincerely,



Keith A. Klein
Manager

RCA:AET

Enclosures

cc w/encls:

D. Bartus, EPA
L. J. Cusack, Ecology
D. Einan, Ecology
D. Faulk, EPA
R. Gay, CTUIR
M. Gearheard, EPA
M. L. Goldstein, EPA
M. Harmon, DOE-HQ, EM-43
J. S. Hertzell, FHI
M.C. Hughes, BHI
R. Jim, YN
O. S. Kramer, FHI
D. N. LaRue, BHI
T. E. Logan, BHI
T. Martin, HAB
F. R. Miera, CHG
E. J. Murphy-Fitch, FHI
K. Niles, Oregon Energy
R. E. Piippo, FHI
J. Price, Ecology
J. E. Rasmussen, DOE-ORP
P. Sobotta, NPT
R. F. Stanley, Ecology (Lacey)
M. A. Wilson, Ecology (Olympia)
Administrative Record

Change Number M-16-01-05	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink.	Date 4/24/2002
Originator H. E. Bilson, RL Assistant Manager River Corridor		Phone 376-6628
Class of Change <input checked="" type="checkbox"/> I - Signatories <input type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager		
Change Title Establish Date for Completion of all 100 Area Remedial Actions (Tri-Party Agreement Milestone M-016-00F)		
Description/Justification of Change <p>This change establishes a date for the completion of all 100 Area interim remedial actions and modifies the M-016-00A milestone description. Additionally, it aligns the M-016-00 series milestones for completion of 100 area remedial actions with the objective of completion of the 100 Area interim remedial actions by 2012.</p> <p>The completion of the 100 Area Interim response actions includes:</p> <ul style="list-style-type: none"> Remediation of all waste sites and EPA/Ecology approval of associated closeout verification packages. Backfill and re-vegetation of the waste sites. Decontamination and decommissioning of all ancillary facilities. <p>This milestone does not include the following:</p> <ul style="list-style-type: none"> Completion of reactor interim safe storage for 8 of the 9 surplus reactors. This is covered under the M-093 milestone series. Final risk assessment and final Record of Decision for the 100 Area NPL. This will occur after the completion of M-016-00A. <p>Note that there are facilities that support the Hanford Site infrastructure and reactor cores that will remain in the 100 Areas. Therefore, there will be waste sites that will not be remediated until the final reactor and facility disposition due to their proximity or due to other factors. Any facilities and waste sites that will remain will be documented and the anticipated path forward identified.</p> <p>Modifications/deletions of existing milestones are denoted using redline/strikeout; additions are denoted with shading.</p>		
Impact of Change Modifies regulatory requirements governing Hanford remediation activities. Administrative action required to incorporate this change into Appendix D.		
Affected Documents The Tri-Party Agreement Action Plan – Appendix D, as amended and Hanford site internal planning, management, and budget documents (e.g., USDOE and USDOE contractor Baseline Change Control documents; Multi-Year Work Plans; Sitewide Systems Engineering Control documents; Project Management Plans; and, if appropriate, site-wide LDR Report requirements).		
Approvals <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p> K. A. Klein, RL Manager</p> <p>_____</p> <p>L. J. Ianl, EPA Region 10 Administrator</p> <p>_____</p> <p>T. C. Fitzsimmons, Ecology Director</p> </div> <div style="width: 30%;"> <p>4/25/02 ✓</p> <p>Date Approved Disapproved</p> <p>_____</p> <p>Date Approved Disapproved</p> <p>_____</p> <p>Date Approved Disapproved</p> </div> </div>		

Impact of Change (Continued):

The following existing milestones were established previously to support 100 Area cleanup:

Milestone	Description	Date
M-016-01	Complete 100 N Area Decontamination and Decommissioning	TBD
M-016-10A	Initiate remedial actions in the 100KR-1 operable unit	8/1/2003
M-016-13B	Complete remediation and backfill of 16 liquid waste sites and process effluent pipelines in the 100-FR-1 and 100-FR-2 operable units	10/29/2004
M-016-26B	Complete remediation and backfill of 51 liquid waste sites in 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, and 100-HR-1 operable units. Complete re-vegetation of 36 liquid waste sites in 100-BC-1, 100-DR-1, 100-DR-2, and 100-HR-1 operable units.	3/31/2002
M-016-26E	Complete excavation and removal of 100 BC process effluent pipelines	9/30/2004
M-016-26F	Complete backfill of 100 BC process effluent pipelines excavations	2/28/2005
M-016-27C	Complete 100-HR-3 Phase III, ISRM Barrier Emplacement, Planning, Well Installation, and Barrier Emplacement	9/30/2002

Relative to these existing milestones the only change would be the deletion of M-16-01. The remaining existing milestones would not be impacted.

The following are the changes associated with these M-16 negotiations:

Deletions:

The following milestone will be deleted:

Milestone	Description	Date
M-016-01	Complete 100 N Area Decontamination and Decommissioning	TBD

The completion of the facility D&D is addressed under the M-093 milestone series.

Modifications:

Completion of interim remedial actions includes the completion of the excavation, EPA/Ecology approval of the closeout verification package (CVP), backfill and revegetation for the waste sites and the completion of the D&D of ancillary facilities, and obtain EPA/Ecology approval of the CVP for the ancillary facilities.

Modifications/deletions of existing milestones are denoted using ~~redline/strikeout~~; additions are denoted with shading.

Milestone	Description	Date
M-016-00A	Complete all interim response remedial actions for the 100 Areas Completion of interim response actions is defined as the completion of the interim ROD or Action Memorandum requirements in accordance with an approved RD/RA Work Plan or Removal Action Work Plan and obtain EPA and/or Ecology approval of the appropriate project closeout documents.	12/31/2012
M-016-45	Complete the interim remedial action for the 100 B/C Area	12/31/2006
M-016-46	Initiate remedial actions for the remaining waste sites for the 100 D Area	7/31/2006
M-016-47	Complete the interim remedial actions for the 100 D Area	12/31/2011
M-016-48	Initiate remedial actions for the remaining wastes sites for the 100 F Area	7/31/2005

Tri-Party Agreement Change Request

M-16-01-05

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Milestone	Description	Date
M-016-49	Complete the interim remedial actions for the 100 F Area	12/31/2008
M-016-50	Initiate remedial actions for the remaining wastes sites for the 100 H Area	7/31/2007
M-016-51	Complete the interim remedial actions for the 100 H Area	12/31/2010
M-016-52	Initiate response actions for the remaining wastes sites for the 100 K Area	7/31/2009
M-016-53	Complete the interim response actions for the 100 K Area	12/31/2012
M-016-54	Initiate response actions for the remaining wastes sites for the 100 N Area	7/31/2008
M-016-55	Complete the interim response actions for the 100 N Area	12/31/2012
M-016-56	Complete the interim remedial actions for 100-IU-2 and 100-IU-6	12/31/2008

Change Number M-016-01-06	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink.	Date 4/24/2002
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Originator H. E. Bilson, RL Assistant Manager River Corridor	Phone 376-6628
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Class of Change <input checked="" type="checkbox"/> I - Signatories <input type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager

Change Title M-016-03A Establish Date for Completion of all 300 Area Remedial Actions

Description/Justification of Change
 This change establishes a date for the completion of all 300 Area interim remedial actions and modifies the M-016-00B milestone description. The disposition of impeding surplus facilities will be performed in accordance with Tri-Party Agreement Major milestone M-094-00.

Unchanged Milestones:

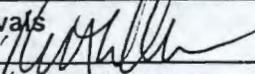
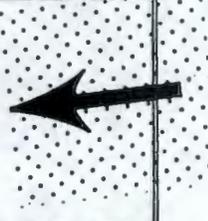
Unchanged Milestones	Description	Date
M-016-03G	Establish an Environmental Restoration Disposal Facility (ERDF) staging area that is ready to receive drummed waste from the 618-4 Burial Ground in accordance with an ERDF Record of Decision Amendment	9/30/2002
M-016-03H	Complete Remediation of the waste sites in the 300-FF-1 Operable Unit to include excavation, verification, and regrading, including the 618-4 Burial Ground in accordance with an approved Remedial Design Report/Remedial Action Work Plan	12/31/2003
M-016-03I	Complete treatment of drummed waste from the 618-4 Burial Ground in accordance with an approved Remedial Design Report/Remedial Action Work Plan	TBD

Modifications/deletions to existing milestones are denoted using the ~~red line/strikeout~~, additions are denoted with shading.

Description/Justification of Change continued on Pages 2 through 3

Impact of Change
 Modifies regulatory requirements governing Hanford remediation activities. Administrative action required to incorporate this change into Appendix D.

Affected Documents
 The Tri-Party Agreement Action Plan – Appendix D, as amended and Hanford site internal planning, management, and budget documents (e.g., USDOE and USDOE contractor Baseline Change Control documents; Multi-Year Work Plans; Sitewide Systems Engineering Control documents; Project Management Plans; and, if appropriate, the site-wide LDR Report requirements).

Approvals  K. A. Klein, RL Manager	4/25/02 Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	
_____ L. J. Iani, EPA Region 10 Administrator	_____ Date	<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	
_____ T. C. Fitzsimmons, Ecology Director	_____ Date	<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	

Impact of Change (Continued)

Note that there are facilities that support the Hanford Site infrastructure that will remain in the 300 Area. Additionally, there may be waste sites that will not be remediated until the remaining facilities are removed due to their proximity to the facilities. The facilities and waste sites that remain will be documented and the path forward identified in Tri-Party Agreement milestone M-016-65.

The following are the remedial action changes associated with the overall River Corridor negotiations.

Completion Milestone:

Milestone	Description	Date
M-016-00B	Complete all interim 300 Area Remedial Actions to include confirmatory sampling of all candidate sites listed in the 300-FF-2 ROD Completion of all interim remedial actions is defined as the completion of the interim ROD requirements in accordance with an approved RD/RA Work Plan and obtain EPA and/or Ecology 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.	09/30/2018

Outside the Fence Milestones (all accessible 300-FF-2 waste sites that lie north of building 3720 and the 313/333 building complex and that lie west of Stevens Drive as identified in Table 1 of this change request., excluding the 618-10 and 618-11 Burial Grounds):

Milestone Additions	Description	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 (316-4, 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

Inside the Fence Milestones (as all 300-FF-2 waste sites that lie within or south of the building 3720 and 313/333 building complex northern boundaries and that lie east of Stevens Drive and all other remaining waste sites within the scope of the 300-FF-2 Record of Decision, excluding the 618-10 and 618-11 Burial Grounds):

Milestone Additions	Description	Date
M-016-63	Submit a schedule and Tri-Party Agreement milestones to 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) and confirmatory sampling of the following 300-FF-2 candidate sites (300-109, 300-110, and 333 ESHWSA) (See Table 2 in TPA Change Request M-016-01-06) The milestone deliverable shall include at least: 1) a schedule for submittals of any	11/30/2003

	documents requiring EPA and/or Ecology approval (e.g., Remedial Design/Remedial Action Work Plans, etc.); 2) a schedule that defines dates for initiating and completing interim remedial actions at waste sites and impeding facilities; 3) a Tri-Party Agreement change package that includes milestones for groups of waste sites and impeding facilities that will ensure completion of M-016-00B; and 4) an evaluation of outyear Tri-Party Agreement milestones for the 300 Area to see if they can be accelerated. It is expected that schedules will be aligned with the associated schedules required by M-094-01.	
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
M-016-65	Submit a schedule and Tri-Party Agreement milestones to complete interim remedial actions for the 300-FF-2 waste sites and confirmatory sampling of 300-FF-2 candidate sites inside the fence. The milestone deliverable shall include at least: 1) A schedule for submittals of any documents requiring EPA and/or Ecology approval (e.g., Remedial Design/Remedial Action Work Plans, etc.); 2) a schedule that defines dates for initiating and completing interim remedial actions at waste sites and associated impeding surplus facilities; 3) a Tri-Party Agreement change package that includes milestones for groups of waste sites and impeding facilities that will ensure completion of M-016-00B, and, 4) a Tri-Party Agreement disposition path for any remaining 300-FF-2 waste sites. It is expected that schedules will be aligned with the associated schedules required by M-094-04.	8/30/2005

618-10 and 618-11 Burial Ground Milestones:

Milestone	Description	Date
M-016-66	Initiate intermediate design and authorization safety analysis for remedial actions at the 618-10 and 618-11 burial grounds. The intermediate design shall include, at a minimum, a design basis report, remediation approach (i.e., process definition), site lay out, evaluation of infrastructure requirements (i.e., M-091 and Waste Isolation Pilot Plant [WIPP] integration planning), and planning for treatability tests. Intermediate design activities will utilize WIPP Remote Handled Transuranic (RH-TRU) and M-91 Waste Acceptance Criteria, an evaluation of RH TRU technology development efforts and an evaluation of lessons learned from other ongoing DOE Complex TRU excavation efforts. The authorization safety analysis shall include, at a minimum, any approvals required to support additional site characterization within 618-10 and 618-11 burial grounds for design purposes and any treatability investigations.	9/30/2004
M-016-67	Submit an intermediate design report, a remediation schedule and a treatability investigation work plan for remedial actions at the 618-10 and 618-11 burial grounds. The intermediate design report should represent a 60% complete design report. The remediation schedule must identify: 1) dates for initiating and completing interim remedial actions at waste sites; and 2) any documents requiring EPA and/or Ecology approval prior to initiating remedial actions (e.g., RD/RA Work Plans, etc.). The treatability investigation work plan must be consistent with WIPP RH-TRU and M-91 Waste Acceptance Criteria and will be submitted as a Tri-Party Agreement Primary Document.	3/31/2007

**Table 1: Waste Sites Outside the Fence
(Tri-Party Agreement Change Request M-016-01-06)**

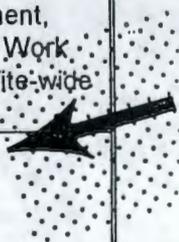
Waste Site Number	Site Description
Waste Site 300-8	Aluminum Shavings Area
Waste Site 300-18	Surface Contaminated Dumping Area #4
Waste Site 300 VTS	In Situ Vitrification Test Area
Waste Site 316-4	300 Area North Cribs
Waste Site 600-47	Dumping Area
Waste Site 600-259	Grout Waste Test Lysimeter
Burial Ground 618-2	Solid Waste Burial Ground #2
Burial Ground 618-3	Dry Waste Burial Ground
Burial Ground 618-5	Burial Ground #5
Burial Ground 618-7	Drums of Pyrophoric Zircaloy Chips in Water, with Uranium and Beryllium
Burial Ground 618-8	Uranium-Contaminated Soil Under a Parking Lot
Burial Ground 618-13	303 Building Contaminated Soil Burial Ground

**Table 2: Waste Sites Inside the Fence
(Tri-Party Agreement Change Request M-016-01-06)**

Waste Site Number	Site Description
Candidate Waste Site 300-109	333 Building Storm Water Runoff
Candidate Waste Site 300-110	333 Building Storm Water Runoff
Candidate Waste Site 333 ESHWSA	333 Building East Side Hazardous Waste Storage Area
Waste Site 300-259	Contamination Area Surrounding 618-1 Burial Ground
Waste Site 303-M SA	303M Building Storage Area
Waste Site 303-M UOF	303M Uranium Oxide Facility
Waste Site UPR 300-46	Contaminated Soil (north of 333 Building)
Waste Site UPR 300-17	Contaminated asphalt area (southeast corner of 333 Building)
Burial Ground 618-1	Solid Waste Burial Ground #1

The portions of the 300-15, 300-224, 300-258 waste sites that impinge upon ongoing cleanups associated with this table, shall be evaluated and included in the scope of remediation activity, to the extent feasible. Technical feasibility will be evaluated as part of the Remedial Design/Remedial Action Work Plan process.

Change Number M-93-01-02	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink.	Date 4/24/2002
Originator H. E. Bilson, RL Assistant Manager River Corridor		Phone 376-6628
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 the Tri-Party Agreement M-93 series milestones Complete Final Disposition of all 100 Area Surplus Production Reactor Buildings.		
Description/Justification of Change <p>The M-093 milestone series provides the overall framework for disposition of the 100 Area surplus production reactors and remains a To Be Determined (TBD). Supporting M-093 is a series of milestones for the interim safe storage and associated activities for 8 of the 9 surplus production reactors. This change aligns the M-093 milestones for reactor interim safe storage with the objective of completion of the 100 Area reactor interim safe storage by 2012.</p> <p>Continued on Pages 2 and 3</p>		
Impact of Change Modifies regulatory requirements governing Hanford response activities. Administrative action required to incorporate this change into Appendix D.		
Affected Documents The Tri-Party Agreement Action Plan – Appendix D, as amended and Hanford site internal planning, management, and budget documents (e.g., USDOE and USDOE contractor Baseline Change Control documents; Multi-Year Work Plans; Sitewide Systems Engineering Control documents; Project Management Plans; and if appropriate, the site-wide LDR Report requirements).		
Approvals  _____ K. A. Klein, RL Manager		<input checked="" type="checkbox"/> Approved _____ Disapproved _____ 4/25/02 Date
_____ L. J. Iani, EPA Region 10 Administrator		_____ Approved _____ Disapproved _____ Date
_____ T. C. Fitzsimmons, Ecology Director		_____ Approved _____ Disapproved _____ Date



Impact of Change

M-093 provides the overall framework for disposition of the 100 Area surplus production reactors. The following existing milestones were established to support the completion of the surplus reactor interim safe storage:

Milestone	Description	Date
M-093-00	Complete Final Disposition of all 100 Area Surplus Production Reactor Building	TBD
M-093-06-T01	Submit Surveillance and Maintenance Plan for B Reactor	TBD
M-093-10	Submit the 105-F reactor surveillance and maintenance plan for EPA approval	7/31/03
M-093-11	Complete 105-F reactor interim safe storage	9/30/03
M-093-12	Issue 105-DR reactor competitive procurement package	2/28/02
M-093-14	Initiate negotiations for the remaining surplus reactor disposition schedules	6/30/03
M-093-15	Complete negotiations for the remaining surplus reactor disposition schedules	12/31/03
M-093-16-T01	Complete 105-DR reactor interim safe storage	9/30/05
M-093-17-T01	Complete 105-D reactor interim safe storage	9/30/07
M-093-18-T01	Complete 105-H reactor interim safe storage	9/30/09
M-093-19-T01	Complete 105/109-N reactor interim safe storage design	9/30/09
M-093-20-T01	Complete 105-N reactor interim safe storage	TBD
M-093-21-T01	Complete 105-KW reactor interim safe storage	TBD
M-093-22-T01	Complete 105-KE reactor interim safe storage	TBD

Relative to the existing milestones the changes will be the deletion of M-093-10, M-093-12 and M-093-21-T01; the conversion of target milestones to interim milestones and establishing dates for milestones that are currently TBD

Signature of this package will complete Tri-Party Agreement Interim Milestone M-093-14.

Modifications and/or deletions to existing milestones are denoted using the ~~redline/strikeout~~; additions are denoted with shading.

The following are the changes associated with the M-093-00 milestone negotiations:

Deletions

The following milestones are deleted:

Milestone	Description	Date
M-093-10	Submit the 105-F reactor surveillance and maintenance plan for EPA approval Rationale: The submittal and approval of the S&M plans for the reactors placed in interim safe storage (ISS), is covered within the definition of the completion of the reactor ISS.	7/31/2003
M-093-12	Issue 105-DR reactor competitive procurement package Rationale: This milestone is no longer valid in that the DR Reactor ISS is currently ongoing. This milestone is replaced with Tri-Party Agreement Interim Milestone M-093-25.	2/28/2002
M-093-21-T1	Complete 105-KW reactor interim safe storage Rationale: The completion of KW ISS has been incorporated into the definition for completion of KE ISS.	TBD

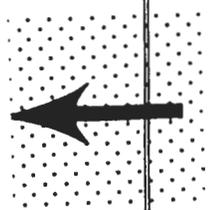
Impact of Change (Continued)

Modifications

Modifications and/or deletions to existing milestones are denoted using the ~~redline/strikeout~~; additions are denoted with shading.

It should be noted that the original date for completion of M-093-16-T01 (ISS for DR) was 9/30/2005. To benefit/gain efficiencies DR Reactor will be placed into ISS two years ahead of schedule and before F Reactor. F Reactor completion will be delayed one year.

Milestone	Description	Date
M-093-06-T01	Complete Removal Action Work Plan/S&M Plan for B Reactor Submit Surveillance and Maintenance Plan for B Reactor	TBD 6/30/02
M-093-25	Submit an engineering evaluation of the final surplus reactor disposition to EPA and Ecology	9/30/2005
M-093-11	Complete 105-F reactor interim safe storage	9/30/2003 9/30/2004
M-093-16-T01	Complete 105-DR Reactor Interim Storage Complete 105-DR reactor interim Safe Storage The 105-DR Reactor also contains the Large Sodium Fire Facility TSD which is currently in the Hanford Sitewide RCRA Permit. Closure date for this TSD is 9/30/2005.	9/30/2005 9/30/2003
M-093-17-T01	Complete 105-D reactor interim safe storage	9/30/2007 12/31/2004
M-093-18-T01	Complete 105-H reactor interim safe storage	9/30/2009 12/31/2005
M-093-23	Submit Engineering Evaluation/Cost Analysis (EE/CA) for KE/KW Reactor ISS	7/31/2006
M-093-24	Submit EE/CA for N Reactor ISS	9/30/2006
M-093-19-T01	Submit to EPA and Ecology the 105/109-N reactor interim safe storage complete design report	9/30/2009
M-093-20	Complete 105-N reactor interim safe storage	TBD 9/30/2012
M-093-22-T01	Complete 105-KE and 105-KW reactor interim safe storage	TBD 9/30/2011

Change Number M-094-01-01	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink.	Date 4/24/2002
Originator H. E. Bilson, RL Assistant Manager River Corridor		Phone 376-6628
Class of Change <input checked="" type="checkbox"/> I - Signatories <input type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager		
Change Title Milestone M-094-00 Establish date for Final Disposition of all 300 Area Surplus Facilities under the M-094 Series Milestones.		
Description/Justification of Change <p>This change establishes a date for the disposition of all 300 Area surplus facilities. M-094-00 provides the overall framework for disposition of the 300 Area surplus facilities. This change aligns the M-094-00 milestones for 300 Area surplus facility dispositions with the objective of completion by 2018.</p> <p>The use of strikeout and shading is not required since approval of this change request establishes a new series for the Tri-Party Agreement.</p> <p>Continued on page 2</p>		
Impact of Change Modifies regulatory requirements governing Hanford remediation activities. Administrative action required to incorporate this change into Appendix D.		
<p>Note that there are facilities that support the Hanford Site infrastructure that will remain in the 300 Area. Additionally, there may be waste sites that will not be remediated until the remaining facilities are removed due to their proximity to the facilities. The facilities and waste sites that remain will be documented and the path forward identified in Tri-Party Agreement Milestone M-094-04.</p>		
Affected Documents The Tri-Party Agreement Action Plan – Appendix D, as amended and Hanford site internal planning, management, and budget documents (e.g., USDOE and USDOE contractor Baseline Change Control documents; Multi-Year Work Plans; Sitewide Systems Engineering Control documents; Project Management Plans; and, if appropriate, Site-wide LDR Report requirements).		
Approvals <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;">  _____ K. A. Klein, RL Manager </div> <div style="width: 30%;"> 4/25/02 _____ Date </div> <div style="width: 30%;"> <input checked="" type="checkbox"/> Approved _____ <input type="checkbox"/> Disapproved _____ </div> </div> <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 10px;"> <div style="width: 30%;"> _____ L. J. Iani, EPA Region 10 Administrator </div> <div style="width: 30%;"> _____ Date </div> <div style="width: 30%;"> <input type="checkbox"/> Approved _____ <input type="checkbox"/> Disapproved _____ </div> </div> <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 10px;"> <div style="width: 30%;"> _____ T. C. Fitzsimmons, Ecology Director </div> <div style="width: 30%;"> _____ Date </div> <div style="width: 30%;"> <input type="checkbox"/> Approved _____ <input type="checkbox"/> Disapproved _____ </div> </div>		

Impact of Change (Continued)

M-094-00 provides the overall framework for disposition of the 300 Area surplus facilities. The following are the surplus facility changes associated with the River Corridor negotiations and specifically milestone M-094-00:

Milestone Additions	Description	Date
M-094-00	<p>Complete disposition of 300 Area surplus facilities.</p> <p>Completion of facility disposition is defined as the completion of deactivation, decontamination, and decommissioning, and obtain EPA and/or Ecology approval of the appropriate project closeout documents. Surplus facilities are defined as any facility or site (including equipment) that has no identified programmatic use by the operating phase Program Secretarial Officer. 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>	9/30/2018
M-094-01	<p>Submit a schedule and TPA milestones to 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)</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, and other required documents for EPA and/or Ecology approval; 2) a schedule that defines initiation and completion dates for the disposition of the following surplus facilities: 303M, 332, 333, 334, 334A, 3221, 3222, 3223, 3224, 3225, 324, 324B, 327; 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; and, 4) an evaluation of outyear Tri-Party Agreement milestones for the 300 Area to see if they can be accelerated. It is expected that schedules will be aligned with the associated schedules required by M-016-63.</p> <p>EE/CA's and action memoranda for the following facilities: 303M, 332, 333, 334, 334A, 3221, 3222, 3223, 3224 and 3225, must be completed and associated cleanup commenced prior to submitting any documents requiring EPA and/or Ecology approval for other 300 Area facility disposition work. This will allow the opportunity to factor "lessons learned from remedy implementation" into the remaining documents.</p>	11/30/2003
M-094-02	<p>Submit an amendment to the existing 324 Building REC/HLV closure plan, DOE/RL-96-73, Rev 1, for Ecology review and approval. The amendment shall change the existing closure plan path from clean closure to a path where the high-risk materials and wastes are removed from the facility followed by complete disposition.</p>	7/30/2002
M-094-03	<p>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)</p>	9/30/2010
M-094-04	<p>Submit a schedule and Tri-Party Agreement milestones to complete disposition of the surplus facilities in the 300 Area and identify the 300 Area facilities and associated waste sites that will remain past the M-094-00 completion date (9/30/2018).</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 (in coordination with the 300 Area WATS and 340 Building associated work plans submittals as appropriate), and other documents that require EPA and/or Ecology approval; 2) a schedule that defines initiation and completion dates for the disposition of the surplus facilities; 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; and, 4) a clearly defined mission and Tri-Party Agreement disposition path for any remaining facilities in the 300 Area. It is expected that schedules will be aligned with the associated schedules required by M-016-65.</p>	8/30/2005

**Table 1: 300 Area Surplus Facilities to be
 Dispositioned by 9/30/2010**

Surplus Facilities	Facility Description	Surplus Facilities	Facility Description
Building 303M	Uranium Oxide Building	Building 324	Chemical Engineering Laboratory
Building 332	Packaging Test Facility	Building 324B	Chemical Engineering Laboratory Exhaust Stack
Building 333	N Fuels Building	Building 327	Post-Irradiation Test Laboratory
Building 334	Process Sewer Monitor Facility		
Building 334A	Waste Acid Storage Building		
Building 3221	Sandblasting Support Building		
Building 3222	Storage Building		
Building 3223	Storage Building		
Building 3224	Storage Building		
Building 3225	Bottle Dock		