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

02-RCA-0396

**JUN 20 2002**

Mr. Michael A. Wilson, Program Manager  
Nuclear Waste Program  
State of Washington  
Department of Ecology  
1315 W. Fourth Avenue  
Kennewick, Washington 99336

**RECEIVED**  
JUN 28 2002  
**EDMC**

Dear Mr. Wilson:

**MODIFY IN-SITU REDOX MANIPULATION (ISRM), PHASE III BARRIER  
EMPLACEMENT, HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT  
ORDER (TRI-PARTY AGREEMENT) MILESTONE M-016-27C**

The enclosed Tri-Party Agreement Change Request modifies the completion date for Tri-Party Agreement Milestone M-016-27C from September 30, 2002, to June 30, 2003. The proposed ISRM schedule extension is due to the need to further evaluate barrier effectiveness in capturing hexavalent chromium, plume concentration and mitigation anomalies, and changing aquifer conditions encountered during construction. The change in the schedule allows for a 2003 spring injection period for Phase III emplacement contingency, plume assessments, and re-injections as needed to complete the remedial action of 100-D Area, 100-HR-3 groundwater unit. The overall scope of the ISRM groundwater permeable barrier installation remains unchanged.

If you have any questions, please contact Arlene Tortoso, Environmental Restoration Division, on (509) 373-9631, or Alex Teimouri, of my staff, on (509) 376-6222.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Hebdon".

Joel Hebdon, Director  
Regulatory Compliance and Analysis Division

RCA:AET

Enclosure

cc: See page 2

Mr. Michael A. Wilson  
02-RCA-0396

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cc w/encl:

D. Bartus, EPA

L. Curry, BHI

L. J. Cusack, Ecology

G. A. Day, BHI

L. E. Gadbois, EPA

R. Gay, CTUIR

J. A. Hedges, Ecology

J. S. Hertz, FHI

R. Jim, YN

T. Martin, HAB

E. J. Murphy-Fitch, FHI

K. Niles, Oregon Energy

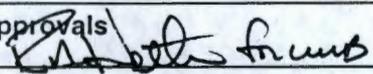
J. Price, Ecology

P. Sobotta, NPT

W. Soper, Ecology

R. F. Stanley, Ecology

Administrative Record (100-HR-3)

Change Number M-016-02-02	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink.	Date 6/20/2002			
Originator A. C. Tortoso, RL		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 Modify In-Situ Redox Manipulation (ISRM), Phase III Barrier Emplacement Interim Milestone M-16-27C					
Description/Justification of Change <p>A revision to the In Situ Redox Manipulation (ISRM) construction schedule is required, extending the Phase III barrier completion date (Interim Milestone M-16-27C) from September 30, 2002 to June 30, 2003. The schedule extension for ISRM is due to the need to further evaluate barrier effectiveness in capturing hexavalent chromium, plumes concentration and mitigation anomalies, and changing aquifer conditions encountered during construction. The change in schedule allows for a 2003 spring injection period for Phase III emplacement contingency, plume assessments, and re-injections as needed to complete the remedial action at 100-D Area, 100-HR-3 groundwater operable unit.</p> <p>The overall scope of the ISRM groundwater permeable barrier installation remains unchanged. This change request extends the completion date by nine months.</p> <p>Modifications/deletions to existing milestones are denoted using the <del>redline/strikeout</del>; additions are denoted with shading.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">M-016-27C</td> <td style="width: 60%;">Complete 100-HR-3 Phase III, ISRM Barrier Emplacement, Planning Well Installation, and Barrier Placement</td> <td style="width: 25%; text-align: right;"><del>09/30/2002</del> 06/30/2003</td> </tr> </table>			M-016-27C	Complete 100-HR-3 Phase III, ISRM Barrier Emplacement, Planning Well Installation, and Barrier Placement	<del>09/30/2002</del> 06/30/2003
M-016-27C	Complete 100-HR-3 Phase III, ISRM Barrier Emplacement, Planning Well Installation, and Barrier Placement	<del>09/30/2002</del> 06/30/2003			
Impact of Change Extends the ISRM Phase III barrier emplacement to June 30, 2003. Administrative action required to incorporate this change into Appendix D.					
Affected Documents <p>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, LDR Report requirements).</p> <p>Interim Record of Decision (ROD) Amendment at the 100-HR-3 Operable Unit, October 1999, EPA, Washington, DC Remedial Design Report and Remedial Action Work Plan for the 100-HR-3 Groundwater Operable Unit, ISRM, Rev. 1, June 2000, DOE/RL-99-51, USDOE, Richland, WA</p>					
Approvals  W. W. Ballard, RL IAMIT Rep.	6/20/02 Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved			
_____ Acting EPA IAMIT Rep.	_____ Date	<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved			
_____ M. A. Wilson, Ecology IAMIT Rep.	_____ Date	<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved			