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|--|--|--------------------------------|-------------------------------------|----------|-------------------------------------|----------|-------------|--|--|------|--|--|--|-----|--|---------|-------------------------------------|----------|-------------|--|--|------|--|--|--|---------|-----|--|--|----------|-------------|--|--|------|--|--|--|-------------|
| <b>Change Number</b><br>M-16-07-02   | <b>Federal Facility Agreement and Consent Order<br/>Change Control Form</b><br>Do not use blue ink. Type or print using black ink. | <b>Date</b><br>March 21, 2007  |                                     |          |                                     |          |             |  |  |      |  |  |  |     |  |         |                                     |          |             |  |  |      |  |  |  |         |     |  |  |          |             |  |  |      |  |  |  |             |
| <b>Originator</b><br>Kevin Bazzell (U.S. Department of Energy, Richland Operations Office [DOE])   |  | <b>Phone</b><br>(509) 373-0463 |                                     |          |                                     |          |             |  |  |      |  |  |  |     |  |         |                                     |          |             |  |  |      |  |  |  |         |     |  |  |          |             |  |  |      |  |  |  |             |
| <b>Class of Change</b><br><input type="checkbox"/> I - Signatories <input checked="" type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager   |  |                                |                                     |          |                                     |          |             |  |  |      |  |  |  |     |  |         |                                     |          |             |  |  |      |  |  |  |         |     |  |  |          |             |  |  |      |  |  |  |             |
| <b>Change Title</b><br>Extend Interim Milestone M-16-67, "Submit a Technology Development Summary Report for Phases I, II, and III, an Intermediate Design Report, a Remediation Schedule, and a Treatability Investigation Work Plan for Remedial Actions at 618-10 and 618-11 Burial Grounds" from March 31, 2007 to May 31, 2007.   |  |                                |                                     |          |                                     |          |             |  |  |      |  |  |  |     |  |         |                                     |          |             |  |  |      |  |  |  |         |     |  |  |          |             |  |  |      |  |  |  |             |
| <b>Description/Justification of Change</b><br><b>Description:</b> M-16-67 was developed in April 2002 as part of Change Package M-16-01-06. The description of this milestone has changed several times since its development in Change Packages M-16-03-03 and M-16-04-01.<br><br>A Design Solution has been underway by our contractor, Washington Closure Hanford LLC (WCH) for the past two-years and includes key elements such as: 1) characterization and analysis from any field investigations, 2) analysis and selection of retrieval and packaging technologies, 3) engineering analysis, 4) proposed waste disposal pathways, 5) identification of required services and information, 6) schedule to perform the work, and 7) an estimate to perform the work. DOE received the Design Solution from WCH on January 31, 2007 and has 90-days to review and make a decision on proceeding. (See continued description/justification on the next page)   |  |                                |                                     |          |                                     |          |             |  |  |      |  |  |  |     |  |         |                                     |          |             |  |  |      |  |  |  |         |     |  |  |          |             |  |  |      |  |  |  |             |
| <b>Impact of Change</b><br>Extend M-16-67 two-months (March 31, 2007 to May 31, 2007) to allow for a thorough review and comment on the Design Solution by DOE.  |  |                                |                                     |          |                                     |          |             |  |  |      |  |  |  |     |  |         |                                     |          |             |  |  |      |  |  |  |         |     |  |  |          |             |  |  |      |  |  |  |             |
| <b>Affected Documents</b><br>Hanford Federal Facility Agreement and Consent Order<br>Remedial Design Report/Remedial Action Work Plan for the 300 Area, DOE/RL-2001-47, Rev. 1   |  |                                |                                     |          |                                     |          |             |  |  |      |  |  |  |     |  |         |                                     |          |             |  |  |      |  |  |  |         |     |  |  |          |             |  |  |      |  |  |  |             |
| <b>Approvals</b><br><table border="0"> <tr> <td data-bbox="102 1465 151 1493">DOE</td> <td data-bbox="191 1360 630 1486"></td> <td data-bbox="662 1423 797 1493">3/26/07</td> <td data-bbox="841 1423 889 1465"><input checked="" type="checkbox"/></td> <td data-bbox="889 1444 976 1465">Approved</td> <td data-bbox="1052 1444 1170 1465">Disapproved</td> </tr> <tr> <td></td> <td></td> <td>Date</td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="102 1549 151 1577">EPA</td> <td data-bbox="191 1486 630 1570"></td> <td data-bbox="662 1507 797 1577">3/28/07</td> <td data-bbox="841 1507 889 1549"><input checked="" type="checkbox"/></td> <td data-bbox="889 1528 976 1549">Approved</td> <td data-bbox="1052 1528 1170 1549">Disapproved</td> </tr> <tr> <td></td> <td></td> <td>Date</td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="102 1633 180 1661">Ecology</td> <td data-bbox="342 1602 386 1629">N/A</td> <td></td> <td></td> <td data-bbox="889 1602 976 1623">Approved</td> <td data-bbox="1052 1602 1170 1623">Disapproved</td> </tr> <tr> <td></td> <td></td> <td>Date</td> <td></td> <td></td> <td></td> </tr> </table> |  | DOE                            |                                     | 3/26/07  | <input checked="" type="checkbox"/> | Approved | Disapproved |  |  | Date |  |  |  | EPA |  | 3/28/07 | <input checked="" type="checkbox"/> | Approved | Disapproved |  |  | Date |  |  |  | Ecology | N/A |  |  | Approved | Disapproved |  |  | Date |  |  |  | Page 1 of 2 |
| DOE  |  | 3/26/07                        | <input checked="" type="checkbox"/> | Approved | Disapproved                         |          |             |  |  |      |  |  |  |     |  |         |                                     |          |             |  |  |      |  |  |  |         |     |  |  |          |             |  |  |      |  |  |  |             |
|  |  | Date                           |                                     |          |                                     |          |             |  |  |      |  |  |  |     |  |         |                                     |          |             |  |  |      |  |  |  |         |     |  |  |          |             |  |  |      |  |  |  |             |
| EPA  |  | 3/28/07                        | <input checked="" type="checkbox"/> | Approved | Disapproved                         |          |             |  |  |      |  |  |  |     |  |         |                                     |          |             |  |  |      |  |  |  |         |     |  |  |          |             |  |  |      |  |  |  |             |
|  |  | Date                           |                                     |          |                                     |          |             |  |  |      |  |  |  |     |  |         |                                     |          |             |  |  |      |  |  |  |         |     |  |  |          |             |  |  |      |  |  |  |             |
| Ecology  | N/A  |                                |                                     | Approved | Disapproved                         |          |             |  |  |      |  |  |  |     |  |         |                                     |          |             |  |  |      |  |  |  |         |     |  |  |          |             |  |  |      |  |  |  |             |
|  |  | Date                           |                                     |          |                                     |          |             |  |  |      |  |  |  |     |  |         |                                     |          |             |  |  |      |  |  |  |         |     |  |  |          |             |  |  |      |  |  |  |             |

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**Description/Justification (continued):**

This 90-day review period by DOE will extend past the M-16-67 current due date of March 31, 2007. EPA and DOE have discussed, in advance, the need to extend the milestone.

Additionally, below is a summary of recent actions and events:

- DOE sent EPA a 110-day notification letter on M-16-67. (December 12, 2006)
- DOE received the Design Solution from its contractor, Washington Closure Hanford LLC (WCH). (January 31, 2007)
- DOE began review of the Design Solution. (February 2007)

**Proposal:** Extend the due date of M-16-67 two months (March 31, 2007 to May 31, 2007) to allow for a thorough review and comment on the 618-10/618-11 Design Solution by the U.S. Department of Energy, Richland Operations Office (DOE). The Design Solution is a deliverable to DOE by Washington Closure Hanford LLC (WCH). DOE's review period is 90-days.

**Justification:** Due to the unforeseen and unanticipated events identified above, including the early and ongoing discussions held with EPA, good cause for an extension exists as described in the *Hanford Federal Facility and Consent Order*, Article XL, and Section 12.3.2.

Hanford Federal Facility Agreement and Consent Order Interim Milestone is modified as shown below using ~~strikeout~~ to indicated text deletions and **shading** to indicate text additions:

| Milestone Number | Milestone Description  | Completion Date                           |
|------------------|--|---|
| M-16-67          | Submit a Technology Development Summary Report for Phases I, II, and III, an Intermediate Design Report, a Remediation Schedule, and a Treatability Investigation Work Plan for Remedial Actions at 618-10 and 618-11 Burial Grounds | <del>March 31, 2007</del><br>May 31, 2007 |