



1220886

OFFICE OF RIVER PROTECTION
P.O. Box 450, MSIN H6-60
Richland, Washington 99352

13-TF-0044 REISSUE

JUN 24 2013

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

Ms. Hedges:

SUBMITTAL OF HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER (HFFACO) CHANGE CONTROL FORM FOR M-045-91 INTERIM MILESTONES AND ASSOCIATED TARGET DATES

The purpose of this letter is to document submittal of HFFACO Change Control Form M-45-13-01. The enclosed Change Control Form changes dates for the M-045-91 Interim Milestones and Target Dates. These changes are necessary due to budgetary constraints in fiscal years 2012 and 2013. A draft of these proposed changes has been shared with your staff and comments have been incorporated.

If you have questions, please contact me, or your staff may contact Jeremy M. Johnson at (509) 373-1866.

Thomas W. Fletcher, Assistant Manager
for Tank Farms Project

TF:JMJ

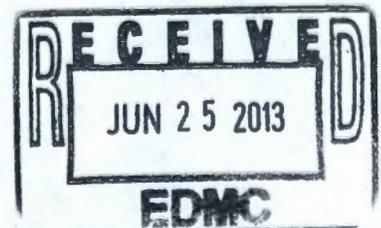
Attachment

cc w/attach:
TPA Administrative Record

cc w/o attach: See Page 2

Reissued due to incorrect company name on distribution list - 6/24/13

M-045-91



6

Jane A. Hedges REISSUE
13-TF-044

-2-

JUN 24 2013

cc w/out attach:

S. Harris, CTUIR

J. A. Alzheimer, Ecology

M. L. Hendrickson, Ecology

J. L. Lyon, Ecology

J. B. Price, Ecology

N. H. Uziemblo, Ecology

D. A. Faulk, EPA

S. E. Hudson, HAB

R. A. Kaldor, MSA

T. W. Noland, MSA

R. E. Piippo, MSA

G. Bohnee, NPT

K. Niles, ODOE

R. Buck, Wanapum

J. L. Castleberry, WRPS

S. E. Killoy WRPS

J. J. Luke, WRPS

R. S. Rast, WRPS

T. J. Venetz, WRPS

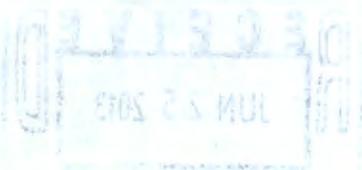
D. Rowland, YN

R. Jim, YN

Administrative Record

Environmental Portal, LMSI

WRPS Correspondence



ATTACHMENT 1

13-TF-0044

REVISION OF DUE DATES FOR INTERIM MILESTONES M-045-91F AND M-045-91G AND ASSOCIATED TARGET DATES

Change Number M-45-13-01	Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small>	Date June 19, 2013															
Originator Thomas W. Fletcher, DOE-ORP		Phone (509) 376-3434															
Class of Change <input type="checkbox"/> I - Signatories <input checked="" type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager																	
Change Title Revision of due dates for Interim Milestones M-045-91F and M-045-91G and associated Target Dates.																	
Description/Justification of Change These changes adjust target and interim milestone dates to reflect a different approach to evaluating Single-Shell Tank structural integrity. Target M-045-91F-T01 was deleted to de-emphasize the reference to Savannah River Site leak rate assessments. After reviewing the available data it was determined that more meaningful information will be obtained from evaluating all 100-series Single-Shell Tanks that have leaked at Hanford. M-045-91F-T04 is changed to add leak rate assessments for all 100 series tanks evaluated as part of this Target. The adjusted dates for targets and interim milestones also reflect the phasing of work between first & second halves of FFY2013 due to short-term fiscal impacts of the Continuing Resolution and then sequestration.																	
Impact of Change This change does not change the date for the last interim milestone in the series (M-045-91I).																	
Affected Documents The HFFACO as amended and Hanford Site internal planning, management, and budget documents (e.g., River Protection Project System Plan, Baseline Control documents, and related work authorizations and directives).																	
Approvals <table border="0" style="width: 100%;"> <tr> <td style="width: 30%; border-bottom: 1px solid black;">  DOE </td> <td style="width: 20%; border-bottom: 1px solid black;"> 6/20/13 Date </td> <td style="width: 10%; border-bottom: 1px solid black;">  </td> <td style="width: 10%; border-bottom: 1px solid black;"> <input checked="" type="checkbox"/> Approved </td> <td style="width: 10%; border-bottom: 1px solid black;"> <input type="checkbox"/> Disapproved </td> </tr> <tr> <td style="border-bottom: 1px solid black;"> N/A EPA </td> <td style="border-bottom: 1px solid black;"> Date </td> <td style="border-bottom: 1px solid black;"> </td> <td style="border-bottom: 1px solid black;"> <input type="checkbox"/> Approved </td> <td style="border-bottom: 1px solid black;"> <input type="checkbox"/> Disapproved </td> </tr> <tr> <td style="border-bottom: 1px solid black;"> Ecology </td> <td style="border-bottom: 1px solid black;"> Date </td> <td style="border-bottom: 1px solid black;"> </td> <td style="border-bottom: 1px solid black;"> <input type="checkbox"/> Approved </td> <td style="border-bottom: 1px solid black;"> <input type="checkbox"/> Disapproved </td> </tr> </table>			 DOE	6/20/13 Date		<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved	N/A EPA	Date		<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved	Ecology	Date		<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
 DOE	6/20/13 Date		<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved													
N/A EPA	Date		<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved													
Ecology	Date		<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved													

Specific changes to Tri-Party Agreement Appendix D are displayed with double underline to indicate addition of text and by ~~strikeout~~ to indicate deletion of text.

M-045-91B-T01	DOE shall provide Ecology a report containing the results and interpretation of testing, and analysis, performed on the concrete core obtained from Tank A-106 or alternate tank.	09/30/2014 <u>01/31/2015</u>
M-045-91E	DOE shall provide to Ecology a compilation of the Single-Shell Tank farms dome deflection surveys every two years, beginning 9/30/2013.	9/30/2013
M-045-91F	DOE shall provide to Ecology, for approval, a report (Summary Conclusions Report on Leak Integrity) summarizing and evaluating the information submitted under M-045-91F-T04 <u>2</u> through -T04.	12/31/2013 <u>06/30/2015</u>
M-045-91F-T01	DOE shall provide to Ecology as a HFFACO secondary document a report evaluating the applicability to Hanford SSTs, of the liquid leak rate assessments rates of sludge and salt cake from the Savannah River site.	01/31/2013
M-045-91F-T02	DOE shall provide to Ecology as a HFFACO secondary document a report, evaluating the common factors of liner failures for SSTs that have leaked and will provide recommendations as appropriate, such as enhanced Leak Detection, Monitoring, and Mitigation. For purposes of this milestone, the SSTs that have leaked are identified through the RPP- 32681, Rev 0. Process to Assess Tank Farm Leaks in Support of Retrieval and Closure Planning.	07/31/2013 <u>3/31/2015</u>
M-045-91F-T04	DOE shall provide to Ecology, as a HFFACO secondary document, a report on the 100-series single-shell tanks which have been or will be identified as having leaked in RPP-32681, Rev 0. Process to Assess Tank Farm Leaks in Support of Retrieval and Closure Planning, leak assessment reports. This report will use an interagency assessment process as described in Section 4.0 of RPP-3268 1, Rev 0. The report will include identification and evaluation of leak locations and leak causes (including chemistry stress corrosion cracking – SCC) <u>as well as leak rates</u> for at least the twenty 100 – series tanks currently identified as having leaked; include a leak rate estimate for tanks A-105 and U-104; and include a recommendation whether to update and revise the leak assessment reports to include the leak information. Additional leaking tanks identified as the process continues will be included in the report. For purposes of this milestone, the terms, “confirmed leaker,” “assumed leaker,” and “leaker” are equivalent descriptions.	07/31/2013 <u>12/26/2014</u>

DOE
 inte
 cer
 DOE
 Tan
 9/3
 DO

M-045-91G	<p>DOE shall provide, for Ecology approval, a Summary Conclusions Report of Structural Analyses of Record (AOR) for SSTs. This report shall provide conclusions from the four separate AORs and be certified by an IQRPE.</p> <p>DOE shall provide to Ecology a compilation of:</p> <ul style="list-style-type: none"> 530,000 gallon tanks (B, BX, C, T and U Farms) 750,000 gallon tanks (BY, S, TX and TY Farms) 1,000,000 gallon tanks (A, AX and SX Farms) 55,000 gallon tanks (B, C, T and U Farms) 	<p>April 30, 2014 <u>7/28/2015</u></p>
M-045-91G-T03	<p>DOE shall provide to Ecology the Structural Analyses of Record final documentation for SSTs for: 1,000,000 gallon tanks (A, AX and SX Farms)</p>	<p>September 30, 2013 <u>10/31/2014</u></p>
M-045-91G-T04	<p>DOE shall provide to Ecology the Structural Analyses of Record final documentation for SSTs for: 55,000 gallon tanks (B, C, T and U Farms)</p>	<p>October 31, 2013 <u>01/30/2015</u></p>
M-045-91H	<p>DOE shall submit a change package (if deemed necessary by DOE and Ecology) to establish additional milestones based on information obtained from the actions in the preceding M-045-91 series milestones to date.</p>	<p>07/31/2015</p>
M-045-91I	<p>DOE shall provide, to Ecology, an IQRPE certification of SSTs structural integrity for the remainder of the mission, or for such time as the IQRPE believes he/she can reasonably certify. The analysis supporting the certification shall be performed in accordance with the requirements identified for analysis in WAC 173-303-640(2) and will include a due diligence review of RPP-10435. IQRPE certification of the SST leak integrity is not required. A work plan and schedule for additional integrity assessment activities will be submitted as a change package to cover any time period between the end date of the IQRPE certification and the end date of the mission.</p>	<p>09/30/2018</p>

DO
 Con
 SST
 separ
 530
 750
 600