

<b>Change Number</b> M-45-14-02	<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> September 18, 2014
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<b>Originator</b> Thomas W. Fletcher, DOE-ORP	<b>Phone</b> (509) 376-3434
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<b>Class of Change</b> <input type="checkbox"/> I - Signatories	<input checked="" type="checkbox"/> II - Executive Manager	<input type="checkbox"/> III - Project Manager
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**Change Title**  
Removal of IQRPE certification requirement for milestone M-045-91G summary report.

**Description/Justification of Change**

This change removes the requirement in Milestone M-045-91G for an IQRPE certification for the Summary Conclusions Report of Structural Analyses of Record-(AOR) for SSTs.

When the original M-045-91G Milestone requirement for IQRPE certification was created in 2010, it was not envisioned that each of the four SST Structural Analysis of Record (AOR) reports would be subject to independent expert reviews. However, independent expert reviews were conducted by internationally recognized professional engineering experts Robert P. Kennedy, PhD, and Anestis S. Veletsos, PhD. Drs. Kennedy and Veletsos are both members of the National Academy of Engineering and have received national recognition for their career contributions to the civil/structural engineering discipline.

Each AOR report includes an appendix with their expert reviewer comments, the comment disposition and description AOR changes made to address them. Their AOR reviews exceed the level of technical rigor provided by an independent review from a registered professional engineer and meet the intent of the milestone requirement.

**Impact of Change**  
There is no impact to the change; the intent of the independent review requirement has been met.

**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**

_____ DOE	9/18/14 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
N/A _____ EPA	_____ Date	<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
_____ Ecology	9/18/14 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved



155222

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-045-91G	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 <del>and be certified by an IQRPE.</del>  530,000 gallon tanks (B, BX, C,T and U Farms) 750,000 gallon ranks (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)	7/28/2015
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