

TRI-PARTY AGREEMENT

Change Notice Number TPA-CN- 0739	TPA CHANGE NOTICE FORM	Date: August 10, 2016
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Document Number, Title, and Revision: DOE/RL-2011-03 Rev 1, <i>Removal Action Work Plan for the Deactivation, Decontamination, Decommissioning, and Demolition of the Plutonium Finishing Plant Complex</i>	Date Document Last Issued: March 2016
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Approved Change Notices Against this Document: NA

Originator: T.K. Teynor	Phone: 509-376-6363
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Description of Change:
Modification of the document to reflect extension of *Hanford Federal Facility Agreement and Consent Order* (Tri-Party Agreement) Milestone M-083-00A.

T.K. Teynor _____ and S.N. Schleif _____ agree that the proposed change
DOE **Lead Regulatory Agency**
 modifies an approved work-plan/document and will be processed in accordance with the Tri-Party Agreement Action Plan, Section 9.0, *Documentation and Records*, and not Chapter 12.0, *Changes to the Agreement*.
 The document is modified to reflect extension of the Milestone M-083-00A due date from September 30, 2016 to September 30, 2017.
 Modifications are denoted by using ~~strikeout~~ to indicate deletions and double underline to indicate text additions. Figure 5-1 is replaced in its entirety and therefore double underline is not used on page 5-1.

Note: Include affected page number(s) pages: 1-1, 5-1, and 5-3

Justification and Impacts of Change:
 Change control form M-83-16-01 was approved by the Tri-Party Agreement Agencies to extend Milestone M-083-00A due date by 12 months (September 30, 2016 to September 30, 2017). This change also impacts the slab removal date in Figure 5-1 by pushing the end date out one year.

Approvals: _____ DOE Project Manager	10-17-2016 _____ Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
N/A _____ EPA Project Manager	_____ Date	<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved
 _____ Ecology Project Manager	10/20/2016 _____ Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved

1 Introduction

This Removal Action Work Plan (RAWP) describes the activities required to complete the deactivation, decontamination, decommissioning, and demolition (D4) activities of the non-time critical removal action. This RAWP supersedes the scope of the previous RAWPs (DOE/RL-2005-14, *Removal Action Work Plan For The Plutonium Finishing Plant Above-Grade Structures: Facility Deactivation* [Deactivation RAWP], and DOE/RL-2005-15, *Removal Action Work Plan For The Plutonium Finishing Plant Above-Grade Structures: Ancillary Facility Demolition* [Ancillary Facility Demolition RAWP]). It also includes demolition scope for the Plutonium Finishing Plant (PFP) above-grade structures listed in Table 1-1. The structures included in this scope were evaluated in DOE/RL-2004-05, *Engineering Evaluation/Cost Analysis for the Plutonium Finishing Plant Above-Grade Structures* (henceforth referred to as the EE/CA). These D4 activities are authorized in DOE/RL-2005-13, *Action Memorandum for the Plutonium Finishing Plant Above-Grade Structures Non-Time Critical Removal Action* (henceforth referred to as the Action Memorandum).

The U.S. Department of Energy (DOE) was delegated authority to conduct removal actions under Section 104 of the *Comprehensive Environmental Response, Compensation, and Liability Act of 1980* (CERCLA) by Executive Order 12580, *Superfund Implementation*. This removal action will be performed in a manner that is consistent with the planned final remedial action under authority of CERCLA and the *Hanford Federal Facility Agreement and Consent Order* (Ecology et al., 1989), also known as the Tri-Party Agreement (TPA), which designates the Washington State Department of Ecology (Ecology) as the lead regulatory agency. The US Environmental Protection Agency (EPA) is also a signatory of the Tri-Party Agreement. As stated in the action memorandum for this removal action (DOE/RL-2005-13), DOE will submit this RAWP to Ecology for approval.

This RAWP supports completion of Tri-Party Agreement, Milestone M-083-00A, due September 30, ~~2016~~2017:

Complete PFP Facility Transition and Selected Disposition Activities. Completion of this major milestone includes the following key elements: 1) completion of all activities necessary to achieve end point criteria established through milestone M-83-20 for placing the PFP Facility in a safe and stable S&M mode, 2) completion of all activities described in the approved M-83 series interim milestones and target date; and 3) completion of the balance of PFP selected disposition activities pursuant to the final Action Memoranda and work plans.

To meet element 3 of the milestone, "PFP selected disposition activities" are defined as the following activities described in the selected alternative in DOE/RL-2005-13: PFP above-grade structures listed in Table 1-1 will be removed to a condition of slab-on-grade¹ where the above-grade portion of the structures are removed, but the slabs and foundations are left in place. If the structures listed in Table 1-1 have basements, vaults, and/or tunnels, then the associated below-grade slab, foundation, and walls will be left in place. Equipment, piping, or ducts in accessible below-grade areas will be characterized and decontaminated or removed as required. Items requiring removal may be deferred for removal (special handling) during demolition or during post-demolition activities and may require treatment and/or disposal at an approved offsite facility. Below-grade areas of listed structures may be filled and covered

¹ Slab-on-grade is defined in the Action Memorandum as "Each PFP above-grade structure would be demolished until only the slab and foundation remained. For structures with basements, tunnels, vaults, etc., the below-grade walls would be left standing as well as the below-grade slab and foundation. These remaining surface portions of a structure are referred to in this document collectively as the structure's 'slab'."

5 Project Management

This chapter describes overall project management elements for the PFP removal action.

5.1 Project Team

The project team includes the individuals working to accomplish the removal action. Accordingly, the project team includes a DOE Project Manager representing the Lead Agency, an Ecology Project Manager representing the Lead Regulatory Agency and a Contractor Project Manager.

The DOE Project Manager is responsible for monitoring the technical/scope, cost, and schedule baselines through all phases of this removal action.

The Ecology Project Manager is responsible for regulatory oversight.

The Contractor Project Manager has overall responsibility and accountability for the performance of all activities associated with this removal action.

5.2 Project Cost and Schedule Tracking

The demolition of structures is part of the overall TPA (Ecology et al., 1989a) milestone M-083-00A completion schedule. This overall schedule is provided as Figure 5-1. This schedule is subject to acceleration or delay due to changes in priority as determined by the TPA (Ecology et al., 1989a) signatories and consistent with the TPA change processes.

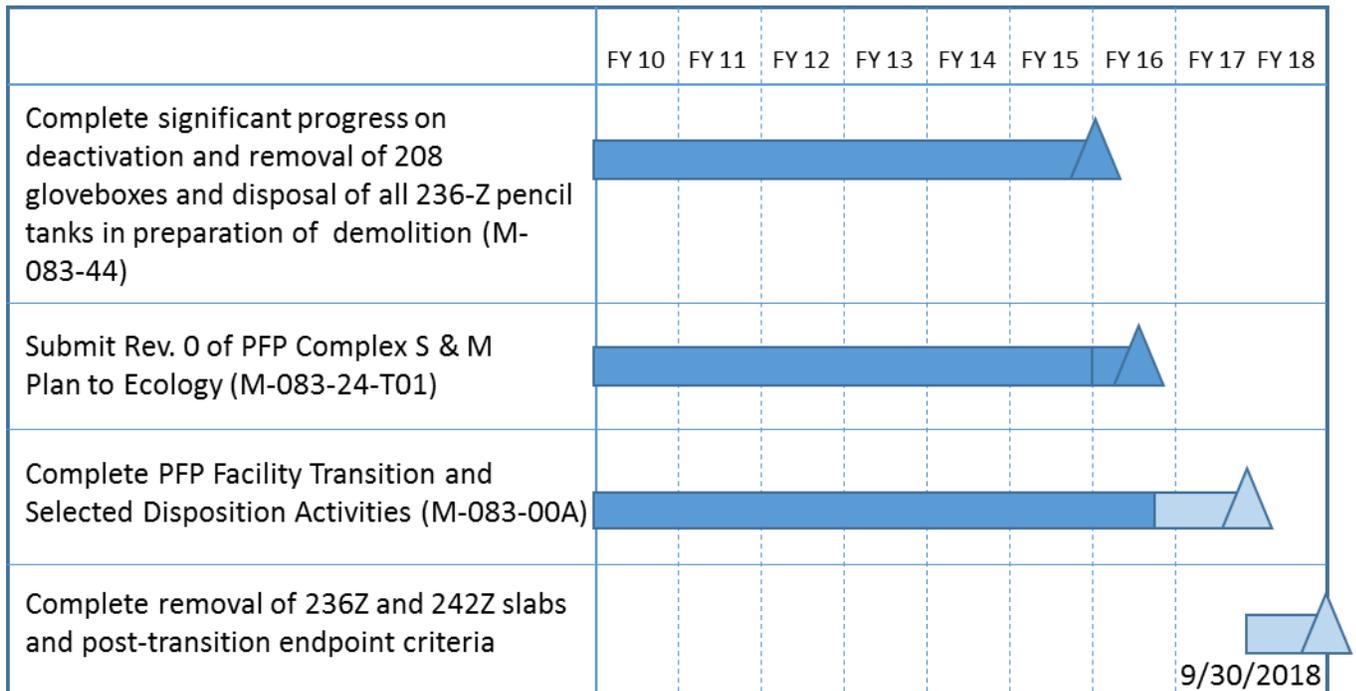


Figure 5-1. Project Schedule

Cost and schedule tracking is managed in accordance with Section 4 of the TPA (Ecology et al., 1989a).

1 SW-846, *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, Third Edition; Final*
 2 *Update IV-B*. QA activities will use a graded approach based on the potential impact on the environment,
 3 safety, health, reliability, and continuity of operations. Other specific activities will include QA
 4 implementation, responsibilities and authority, document control, QA records, and audits.

5 5.7 Removal Action Closeout

6 Removal action closeout will consist of a review to determine the final action status and validation that
 7 the Action Memorandum (DOE/RL-2005-13) is completed, the S&M Plan is approved, property is turned
 8 over to S&M, and appropriate documents are incorporated into the administrative record.

9 5.7.1 Final Project Status

10 To achieve the removal action end state, endpoints for dismantlement of the PFP Complex to
 11 slab-on-grade must be achieved consistent with removal action objectives specified in the EE/CA.
 12 Project closeout consists of endpoint criteria completion. The status of the performance measures at
 13 completion of each project will be evaluated. At a minimum, a final updated schedule and cost report will
 14 be completed and added to the project file. Any in-scope work not completed will be noted. Once a
 15 structure is determined to have met pre-transition endpoint criteria, it will be ready to be transferred for
 16 S&M activities.

17 Documentation required to support transition to a safe and stable S&M mode will be provided in a
 18 turnover package at transition to S&M (completion of M-083-00A). The final turnover package will be
 19 provided at the completion of all post-transition endpoint criteria by September 30, ~~2017~~ 2018, as
 20 identified in Figure 5-1. The turnover package will support future surveillances, audits, and final
 21 disposition planning. It will be provided to the organization responsible for S&M of the PFP Complex
 22 following completion of the above-grade removal action and be available for the final remedial action
 23 planning. The following specific elements must be addressed in the turnover package:

- 24 • The as left condition of confined spaces (eliminated or sealed)
- 25 • Compliance with the asbestos standards
- 26 • The as left condition and location of remaining below-grade equipment
- 27 • Description of remaining industrial hazards
- 28 • The amount and locations of remaining radiological contamination/hazardous substances
- 29 • Final radiological surveys
- 30 • Work packages and plans
- 31 • Modified configuration management documents
- 32 • Photographs

33 5.7.2 Records Disposition and Retention

34 Records created during the execution of the PFP Complex removal action are managed in accordance
 35 with Section 9.4 of the TPA Action Plan (Ecology et al., 1989b, *Hanford Federal Facility Agreement and*
 36 *Consent Order Action Plan*).