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Change Number M-15-93-01	FEDERAL FACILITY AGREEMENT AND CONSENT ORDER CHANGE CONTROL FORM Do not use blue ink. Type or print using black ink.	Date January 3, 1994
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Originator PM Pak	Phone 376-4798
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Class of Change
 I - Signatories (Section 13.0) II - Project Manager III - Unit Manager

Change Title
 Constructability Report for the 200-BP-1 Operable Unit (OU) Prototype Surface Barrier.

Description/Justification of Change
 Revise due date for Federal Facility Agreement and Consent Order (Tri-Party Agreement) Milestone M-15-02E, submittal of a draft constructability report for the 200-BP-1 prototype surface barrier to EPA and Ecology. The milestone will be changed from January 15, 1994, to July 31, 1994. In addition to the constructability report, laboratory hydraulic performance data on asphaltic concrete would be submitted to EPA and Ecology on January 15, 1994. This change request also addresses final remediation of the 200-BP-1 source OU. New target dates will be established as listed in the attached justification.

Impact of Change
 Delays have occurred due to initial negotiations on the size of the barrier, additional field investigations, public involvement cycle, and procurement delays. The constructability report will be changed to July 31, 1994 to accommodate these delays. There will be no impact in the over schedule associated with final remediation activities for the 200-BP-1 OU.

Affected Documents
 Hanford Federal Facility Agreement and Consent Order Action Plan, Appendix D, Work Schedule.
 DOE/RL 88-32, Rev. 1, Remedial Investigation/Feasibility Study Work Plan for the 200-BP-1 Operable Unit Hanford Site, Richland, Washington.

Approvals Approved Disapproved

<i>[Signature]</i>	1/4/94
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DOE/RL
PRB
Ecology



Description/Justification of Change (Continued)

This Tri-Party Agreement change request describes the justification for requesting an extension of the constructability report due date from January 15, 1994, to July 31, 1994. In addition, this change request establishes target dates for final remediation of the 200-BP-1 source OU.

The original schedule presented in Tri-Party Agreement Change Request M-15-92-5 indicated completion of the prototype barrier by January 31, 1994. At the time the change request was approved, the size of the barrier and need for a treatability test plan were unresolved. On February 24, 1993, a revised schedule showed a four month delay. The delays were the result of a two month public involvement period for the treatability test plan and an additional 2 months in negotiations regarding the size of the barrier. In September 1993, only one bid was received for construction of the barrier which was ten (10) percent over the fair price estimate. This resulted in a two month delay in the bid and award cycle which would initiate construction in mid-December. The current schedule indicates initiating construction in January 1994, and completing construction by September 1994. Actual barrier construction activities will be completed by July 31, 1994. Installation of monitoring equipment, contractor demobilization, and vegetation planting will continue to the end of September 1994.

As a result of these delays, Tri-Party Agreement Milestone M-15-02E will be changed from January 15, 1994, to July 31, 1994. The milestone will include submittal of a draft constructability report for the 200-BP-1 prototype barrier to EPA and Ecology. To facilitate the final Record of Decision (ROD) process for the 200-BP-1 source OU, laboratory performance data on the asphaltic concrete layer will be submitted to EPA and Ecology by January 15, 1994.

This change request also establishes target dates for final remediation of the 200-BP-1 source OU. New target dates include the following:

- 1) DOE will submit to EPA/Ecology the final Feasibility Study report by January 31, 1994.
- 2) DOE will submit to EPA/Ecology the 200-BP-1 Proposed Plan by January 31, 1994.
- 3) EPA will issue a final ROD for the 200-BP-1 OU by June 1, 1994.
- 4) DOE will submit a Definitive Design for the Modified RCRA Barrier to EPA/Ecology 2 months after the ROD is issued but no sooner than August 1, 1994.
- 5) DOE will submit a Remedial Action Plan to EPA/Ecology 4 months after the ROD is issued but no sooner than October 1, 1995.
- 6) DOE will complete the bid and award cycle for the final barrier 8 months after the ROD is issued but no sooner than February 15, 1995.
- 7) DOE will complete remediation activities at the 200-BP-1 OU 15 months after the ROD is issued but no sooner than October 1, 1995.

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A schedule has been developed detailing these target completion dates. In order to maintain this schedule, the following assumptions are required to be met:

- 1) EPA/Ecology agree that future remediation of the adjacent BY Tank Farm will not compromise performance of final remediation activities at 200-BP-1 OU.
- 2) EPA will issue a final ROD for the 200-BP-1 source OU by June 1, 1994.
- 3) Lateral extent of contamination will be based on existing data and 216-B-57 vadose modeling. No additional field work will be required.
- 4) If public comments modify the preferred alternative (Modified RCRA equivalent barrier) which is recommended in the Proposed Plan, then the aforementioned target dates for final remediation for the 200-BP-1 source OU will be revised.