

START

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Change Number M-02-92-1	Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small>	Date 1/16/92
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Originator G. A. Meyer	Phone 372-0415
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Class of Change <input type="checkbox"/> I - Signatories <input checked="" type="checkbox"/> II - Project Manager <input type="checkbox"/> III - Unit Manager
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Change Title Incorporate additional interim milestones to support pretreatment of double-shell tank waste.

Description/Justification of Change

The following interim milestones and target dates are incorporated to satisfy Milestone MO2-02:

INTERIM MILESTONES

Number	Description	Date
MO2-03	Submit tank waste remediation system baseline scope, cost and schedule.	August 1993

As a result of a recent agreement between L. Duffy, DOE-HQ, C. Gregorie, Ecology, and J. Wagoner, RL, an integrated program will be developed to address tank safety, grout, HWVP, and pretreatment.

(Continued on Page 2)



Impact of Change

The interim milestones and target dates identified in this Change Request support the start of HWVP radioactive operations in December 1999.

Affected Documents

Hanford Federal Facility Agreement and consent Order Action Plan Calendar Year 1991 Annual Update Appendix D (Table D-1 and Figure D-1 Work Schedule)

Approvals	<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved
DOE <u>Steven H. Wisness</u>	Date <u>1/24/92</u>
EPA Paul T. Day	Date _____
Ecology Timothy L. Nord	Date _____

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FEDERAL FACILITY AGREEMENT AND CONSENT ORDER
CHANGE CONTROL FORM

Description/Justification of Change, continued

<u>Number</u>	<u>Description</u>	<u>Date</u>
M02-04	Start DST NCAW retrieval system process test The DST NCAW retrieval process test supports providing the initial feed for HWVP hot operations in December 1999.	December 1996
M02-05	Incorporate additional interim milestones to support pretreatment of double-shell tank waste. The integrated program development which will take place during the next 15 months will lay the foundation for determining future activities in the pretreatment arena, including the types of pretreatment facilities required, when they will be required, conceptual design reports to support timely construction of these facilities, and the technical path required to support a final decision on the advanced pretreatment of Hanford wastes. Once an integrated program is developed by RL, five months will be required to perform peer reviews and obtain HQ approval. Establishing dates prior to the completion of the program development activity would preempt thorough consideration of all options available.	August 1993

TARGET DATES

M-02-00-T1	Issue letter to Ecology requesting concurrence with use of B Plant/WESF as an R&D facility and determination of state regulatory permit requirements	February 1992
M-02-00-T2	Complete engineering study for Tank Safety Treatment Module	December 1992
M-02-00-T3	Publish summary of NCRW TRUEX laboratory development work	December 1992
M-02-00-T4	Complete engineering study on Cs ion exchange capability	March 1993
M-02-00-T5	Complete Waste Treatment Feed Optimization (Blending) Study	March 1993
M-02-00-T6	Issue Technology Plan for selection of advanced (actinide) separation process	March 1993 ¹
M-02-00-T7	Initiate settling tests for NCAW in-tank solids washing	December 1993

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M-02-00-T8	Complete selected pretreatment facility(s) conceptual design report(s)	TBD ²
M-02-00-T9	Start design of selected pretreatment facility(s)	TBD ³
M-02-00-T10	Start construction of selected pretreatment facility(s)	TBD ³
M-02-00-T11	Complete construction of selected pretreatment facility(s)	TBD ³
M-02-00-T12	Initiate pretreatment of DST waste in selected pretreatment facility(s)	TBD ³

¹ Change request M-02-91-1 requires appropriate Interim Milestones to be established if TRUEX is a selected pretreatment option. TRUEX has not been chosen as a pretreatment option but remains under study with other available actinide removal processes. This Target-Date addresses the need to select an actinide removal process.

² Change Request M-02-91-1, dated May 5, 1991, requires an Interim Milestone to be specified for this item. This was predicated on the assumption that a major new pretreatment facility would be immediately required to provide near-term continuous feed to HWVP. A result of the work to date is that a major new pretreatment facility is not immediately required. Thus, an Interim Milestone is no longer appropriate for this effort. Target Date M-02-00-T8 is listed as "TBD" to provide continuity from TPA Change Request M-02-91-1 and to indicate program plans have not been finalized.

³ Change Request M-02-91-1 requires dates to be specified for these items. This was predicated on the assumption that a major new pretreatment facility would be immediately required to provide near-term continuous feed to HWVP. A result of the work to date is that a major new pretreatment facility is not immediately required. Target Dates M-02-00-T1 through M-02-00-T7 capture this new pretreatment approach. Target Dates M-02-00-T9 through M-02-00-T12 are listed as "TBD" to provide continuity from TPA Change Request M-02-91-1 and to indicate program plans have not been finalized..

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