

# START

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Change Number M-02-91-1	FEDERAL FACILITY AGREEMENT AND CONSENT ORDER CHANGE CONTROL FORM Do not use blue ink. Type, or print using black ink.	Date 05/13/91
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Originator G. A. Meyer	Phone 373-1810
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Class of Change  
 I - Signatories (Section 13.0)   
 II - Project Manager   
 III - Unit Manager

Change Title  
Revision to Double-Shell Tank Waste Pretreatment

Description/Justification of Change  
Revision to Milestones M-02-00, M-02-01, and M-02-02:

Number	Milestone	Current Date	Revised Date
M-02-00	Initiate pretreatment of double-shell tank waste	Oct. 1993	TBD*

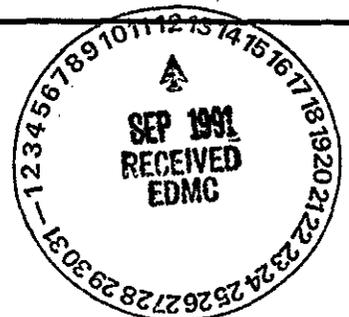
Double-shell tank waste pretreatment is required prior to disposal of high-activity tank wastes. The pretreatment supports the removal, treatment, and final disposal of wastes subject to land disposal restrictions which are stored in double-shell tanks.

(Continued on page 2) \*To Be Determined

Impact of Change  
Activities associated with pretreatment in B Plant of double-shell tank waste are undetermined at this time pending completion of the revised pretreatment program strategy.

Affected Documents  
Hanford Federal Facility Agreement and Consent Order Action Plan Calendar Year 1990 Annual Update, Appendix D (Table D-1 and Figure D-1 Work Schedule).

Approvals	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
<i>John D. Wagoner</i>		09/09/91
DOE John D. Wagoner		Date
<i>Dana A. Rasmussen</i>		09/09/91
Dana A. Rasmussen		Date
<i>Christine O. Gregoire</i>		09/09/91
Ecology Christine O. Gregoire		Date



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## Description/Justification of Change

## Description: (Continued)

M-02-00	Removal of the wastes from double-shell tanks and disposal in grout or glass will allow double-shell tank space to be made available for single-shell tank waste.		
M-02-01	Submit to Ecology and EPA the double-shell tank waste disposal program redefinition study.	N/A	Dec. 1991
M-02-02	Incorporate additional interim milestones to support pretreatment of double-shell tank waste.	N/A	Jan. 1992

Due to the initial results of the risk assessment regarding the viability of B Plant for pretreatment of double-shell tank (DST) wastes, a series of studies have been undertaken which will be complete in FY 1991.

By December 1991, a revised program strategy outlining the preferred options for process and facilities to remediate DST wastes will be proposed to the Washington State Department of Ecology (Ecology and U.S. Environmental Protection Agency (EPA)). The strategy will provide for the safe, environmentally sound, timely, and efficient remediation of Hanford DST waste within the intent of the Hanford Defense Waste-Environmental Impact Statement Record of Decision.

The revised program strategy will be of sufficient detail (Level 0 Program Schedule to established milestones while the new baseline is prepared. At a minimum target dates or milestones proposed for Ecology and EPA approval will include:

## Major Milestones:

1. HWVP hot-start (to be incorporated as a revised M-03-00)

## Interim Milestones:

1. DST waste retrieval process test start
2. DST waste remediation program baseline schedule
3. Complete selected pretreatment facility(s) conceptual design report(s)
4. If TRUEX is a selected pretreatment option, then appropriate milestones will be identified.

## Target Dates

1. Start design of selected pretreatment facility(s)
2. Start construction of selected pretreatment facility(s)
3. Complete construction of selected pretreatment facility(s)
4. Initiate pretreatment of DST waste in selected pretreatment facility(s)

Description/Justification of Change

DOE recognizes that the December 1999 Hot Start-up milestone will remain unchanged, unless all parties agree that the change is necessary in accordance with Article XL of the agreement.

Other milestones may be possible depending upon the outcome of the revised program strategy, including the start of construction/modification of sludge wash, filtration, and ion exchange process facilities. Upon completion of conceptual designs for any new or modified pretreatment facilities, USDOE will propose additional interim milestones for the construction and operation of those facilities. These interim milestones, subject to Ecology and EPA approval, will be incorporated into the agreement. Ecology and EPA recognize that if the completed conceptual designs demonstrate the technical infeasibility of achieving any of the established milestones for HWVP or pretreatment, USDOE will request extensions for M-02 and M-03 on that basis.

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