

START

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Change Number M-01-90-3	FEDERAL FACILITY AGREEMENT AND CONSENT ORDER CHANGE CONTROL FORM Do not use blue ink. Type, or print using black ink.	Date 5-3-91 Rev. 1
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Originator W. Jackson	Phone 373-3885
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Class of Change

I - Signatories (Section 13.0) II - Project Manager III - Unit Manager

Change Title
27-Month Delay to M-01-XX Grout Disposal Campaigns

Description/Justification of Change

Description:

The Federal Facility Agreement and Consent Order (Tri-Party Agreement) Milestone M-01-XX calls for the completion of 3, 6, 10, and 14 grout campaigns by September 1991, 1992, 1993, and 1994 respectively. This change request is prompted by the impacts outlined below and shown on Attachment 1.

- The changing complexity of the Grout Facility Final Safety Analysis Report has added additional requirements to the program for new equipment which must be designed, procured, fabricated and installed.
- Grout reformulation and verification is required to resolve excessive grout temperatures due to heat of hydration and verify agreement with the applicable guidance in the new NRC Waste Form Technical Position for cementitious waste forms.

(Cont. on next page)

Impact of Change

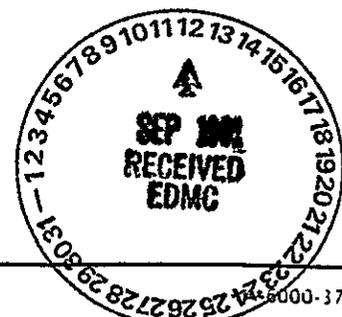
Impacts:

The impacts of implementing this change will be the delay of grouting campaigns by 27 months. Even when taking this delay into account, it has been determined that adequate double-shell tank space will be available to support other Hanford missions.

Affected Documents

Federal Facility Agreement and Consent Order (Tri-Party Agreement), page D-2, Table D-1 Major and Interim Milestones-Disposal of Tank Waste.

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



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- c. Additional time is required between the filling of vaults 102 and 103 to verify grout solidification required by the Washington State Department of Ecology.

The cumulative impact of these changes will delay the grout Tri-Party Agreement milestones by 27 months. This change request will establish a new baseline for the Hanford Grout Disposal Program and corresponding Tri-Party Agreement milestones.

The affected Tri-Party Agreement milestones are listed as follows. The basis for these negotiated dates are the filling of a vault in a continuous "pour" and no additional time required for verification of grout solidification between campaigns with the exception of the delay between filling vaults 102 and 103.

<u>MILESTONE NUMBER</u>	<u>MILESTONE</u>	<u>CURRENT BASELINE DUE DATE</u>	<u>NEGOTIATED DUE DATE (THIS CHANGE REQUEST)</u>
M-01-00	Complete 14 grout campaigns of double-shell tank waste by 12-96 and maintain currency with feed thereafter.	9-94	12-96
M-01-01	Complete a total of 3 grout campaigns of double-shell tank wastes (this includes 1 campaign of phosphate-sulfate waste).	9-91	Replaced by M-01-01A and M-01-01B
M-01-01A	Complete and verify 2 campaigns of double-shell tank waste (this includes one campaign of phosphate-sulfate waste).	N/A	9-93
M-01-01B	Complete 1 additional campaign of double-shell tank waste (this makes a total of 3 campaigns including 1 phosphate-sulfate waste campaign).	9-91	12-93
M-01-02	Complete 3 campaigns of double-shell tank waste in CY 1994.	9-92	12-94
M-01-02A	Initiate construction of vaults 106-109.	N/A	11-92
M-01-03	Complete 4 campaigns of double-shell tank waste in CY 1995.	9-93	12-95
M-01-03A	Initiate construction of vaults 110-113.	N/A	11-93
-01-04	Complete 4 campaigns of double shell tank waste in CY 1996.	9-94	12-96

M-01-04A	Initiate construction of vault 114.	N/A	11-94
M-01-05	Commitments for additional grout campaigns after 12-96 will be incorporated as interim milestones.	Bi-annually beginning 9-94	Bi-annually beginning 9-96

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WESTINGHOUSE
HANFORD COMPANY

GROUT PROGRAM - DEFENSE WASTE REMEDIATION

VAULT CONSTRUCTION / FILL

SPECIAL TPA SCHEDULE

