

Change Number

Federal Facility Agreement and Consent Order  
Change Control Form

M-90-96-01

Do not use blue ink. Type or print using black ink.

June 1, 1996

Originator  
Ecology/DOE

Phone

Class of Change

I - Signatories

II - Executive Manager

III - Project Manager

Change Title

Creation of new Major milestone M-90-00 and its sub-elements governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, and/or disposal of treated and immobilized tank wastes<sup>1</sup>.

Description/Justification of Change

Agreement Milestone M-33-00 was established to: (1) prompt the development of milestones necessary for the storage, treatment/processing, and disposal of Hanford site solid wastes and hazardous materials not yet covered under the Hanford Federal Facility Agreement and Consent Order (Agreement), and (2) prompt the development and incorporation of Agreement modifications designed to aid in achieving integrated management of all aspects of Hanford site "cleanup" (including but not limited to waste and materials management, remedial action, and site closure).

Impact of Change

These M-90-96-01 agreements are made in partial fulfillment of Land Disposal Restriction (LDR) treatment requirements of Agreement milestone M-26-00 (which constitutes an existing Agreement or Order for treatment of mixed waste for purposes of the Federal Facility Compliance Act of 1992 (FFCA)), and as companion documentation to Land Disposal Restriction (LDR) documents submitted by DOE pursuant to Agreement milestone M-26-00. The Parties recognize and agree to establishment of additional schedules and milestones for completion of facility acquisition and for completion of treatment and disposal processes, as adequate information becomes available as determined by the lead regulatory agency or DOE.

Approval of this change request by the Parties establishes a new major milestone, and associated interim milestones and target dates governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for: (1) the interim storage of Tank Waste Remediation System (TWRS) Immobilized High-Level Tank Waste (IHLW) and other canistered high level waste forms, and (2) for the interim storage and disposal of TWRS Immobilized Low-Activity Tank Waste (ILAW). On approval, Hanford site planning and budget development documents (e.g., Sitewide System Engineering control documents, Project Management Plans, and Multi Year Work Plans) will be modified accordingly.

Affected Documents

Hanford Federal Facility Agreement and Consent Order, as amended by its Sixth Amendment, February 1996, Hanford site internal planning and budget documents (e.g., Sitewide System Engineering control documents, Project Management Plans, and Multi Year Work Plans).

Approvals

*John D. Wagoner*  
DOE

12/16/96  
Date

Approved  Disapproved

*Chuck Clark*  
EPA

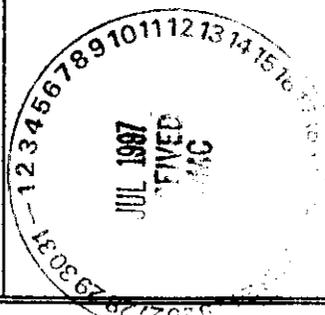
12/31/96  
Date

Approved  Disapproved

*Mary Rowland*  
Ecology

12/24/96  
Date

Approved  Disapproved



<sup>1</sup> This M-90-00 milestone covers those aspects of the Hanford Tank Waste Remediation System not within the scope of Agreement major milestones: M-20 (with the exceptions noted here), M-32, M-40, M-41, M-42, M-43, M-44, M-45, M-46, M-50, M-51, M-60, and M-61.

To meet these objectives the Parties have negotiated Agreement modifications under change request numbers L-96-01, M-90-96-01, M-91-96-01, and M-92-96-01.

This M-90-96-01 change request establishes a new major milestone (M-90-00 and its sub-elements) governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the interim storage of TWRS IHLW and other canistered high level waste forms, and for interim storage and disposal of TWRS ILAW. ILAW and IHLW Project Management Plans (PMP) described here have been agreed to based on the Parties recognition that milestones established by this M-90-96-01 change request will remain as constraints on PMP design and management of the project(s) themselves.

Major and interim milestones, and associated target dates established by approval of this change request are as follows:

M-90-00	Complete acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities as necessary for storage of Hanford site IHLW and ILAW, and disposal of ILAW.	TBE (6 months after approval of PMP)
M-90-01	Submit interim storage and disposal ILAW, and interim storage IHLW Project Management Plans (PMP) to Ecology pursuant to Agreement section 11.5.	December 1997
	The Hanford Site Immobilized Tank Waste PMPs will include all plan elements required by Agreement Action Plan section 11.5. They will also summarize results to date of the interim ILAW disposal facility Performance Assessment.	
M-90-02-T01	Complete ILAW interim storage facility conceptual design.	June 1998
M-90-03	Initiate ILAW interim storage facility construction.	June 2001
	Initiation of construction occurs when DOE or its contractors (as authorized) issues an Approval to Start Construction, and structural modification of an existing facility, or installation of structural components of a new facility commences.	
M-90-04-T01	Complete ILAW interim storage facility detailed design	June 2001
M-90-05-T01	Submit final ILAW disposal facility Performance Assessment to Ecology for review.	December 2001
M-90-06	Initiate hot operations of ILAW interim storage facility.	December 2002 <sup>2</sup>
M-90-07-T01	Complete ILAW disposal facility conceptual design.	June 2000
M-90-08	Initiate ILAW disposal facility construction.	June 2003

Initiation of construction occurs when DOE or its contractor (as authorized) issues an Approval to Start Construction, and modification of an existing facility, or installation of structural components of a new facility commences.

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2. Low Activity Waste units placed within these facilities will be designed so as to be retrievable if necessary.

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|-------------|--|----------------------------|
| M-90-09-T01 | Complete ILAW disposal facility detailed design.   | March 2003                 |
| M-90-10     | Initiate hot operations of ILAW disposal facility. | December 2005 <sup>3</sup> |
| M-90-11     | Complete canister storage facility construction.   | December 2002              |

Completion of this milestone requires the completion of all construction, internal/external facility(s) modifications and startup activities necessary for canister storage facility receipt of all phase I Hanford Site High Level Waste canisters from Tank Waste Remediation System (TWRS) processing. For purposes of this interim milestones phase I IHLW canister storage is defined as the capability for storage of at least 500 IHLW canisters. Interim milestones and associated target dates establishing work schedules for phase II IHLW canister storage will be established pursuant to the phase II Request for Proposal for TWRS privatization.

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| M-90-12 | Submit revised canister storage facility Part A Dangerous Waste Permit application to Ecology pursuant to chapter 173-303 WAC. | June 1999 |
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3. Low Activity Waste units placed within these facilities will be designed so as to be retrievable if necessary.