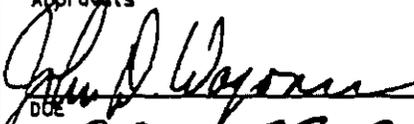


Change Number M-91-96-01	Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small>	Date June 14, 1996
Originator Ecology/DOE	Phone	
Class of Change <input checked="" type="checkbox"/> I - Signatories	<input type="checkbox"/> II - Executive Manager	<input type="checkbox"/> III - Project Manager
Change Title Creation of new Major milestone M-91-96-01 and its sub-elements governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, processing, and disposal of Hanford site Transuranic and Transuranic Mixed Waste (TRU/TRUM), Low Level Mixed Waste (LLMW), and Greater than Category 3 (GTC3) Low Level Waste (LLW) ¹ and LLMW ² .		
Description/Justification of Change (See page 2)		
Impact of Change These M-91-96-01 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 the storage, processing, and disposal of Hanford site TRU/TRUM, LLMW, and GTC3. 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, Sixth Amendment, February 1996 (including Table D and Action Plan Work schedules), Hanford site internal planning and budget documents (e.g., Sitewide System Engineering control documents, Project Management Plans and Multi Year Work Plans).		
Approvals		
 DOE	12/16/96 Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
 EPA	12/31/96 Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
 Ecology	12/24/96 Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved

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- This milestone refers only to storage in the instance of GTC3 LLW.
- This M-91-00 milestone covers those aspects of the Hanford site not within the scope of Agreement milestones: M-18, M-19, and M-20 (with the exception of those M-20 interim milestones noted here).

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).

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-91-96-01 change request establishes a new major milestone (M-91-00 and its sub-elements) governing the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, processing, and disposal of Hanford site TRU/TRUM, LLMW, and GTC3. TRU/TRUM, LLMW, and GTC3 Project Management Plans (PMP) described here have been agreed to based on the Parties' recognition that milestones established by this M-91-96-01 change request will remain as constraints on PMP design and management of the project(s) overall.

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

Milestone	Description	Date
M-91-00	Complete the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for storage, treatment/processing, and disposal of all Hanford site TRU/TRUM, LLMW, and GTC3.	TBD ³
<u>TRANSURANIC AND TRANSURANIC MIXED WASTE</u>		
M-91-01	Complete the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for storage and treatment/processing prior to disposal of all Hanford site Post 1970 TRU/TRUM.	TBE (By December 2000) ⁴
M-91-02	Initiate processing of contact handled TRU/TRUM waste at Waste Receiving and Processing Facility/ WRAP1 (contact handled, small container).	December 1998

3 Negotiation of schedules for facilities and/or facility modification which may be necessary for the management of Pre 1970 TRU/TRUM will be established following the issuance of Operable Unit Records of Decision (RODs).

4 The date for completion of M-91-01 will be determined after required technology has been determined through the TRU/TRUM PMP, but will be no later than December 2000.

- M-91-03 Submit Hanford Site TRU/TRUM Waste Project Management Plan (PMP) to Ecology pursuant to Agreement section 11.5. June 2000
- The Hanford Site TRU/TRUM Waste PMP will include all plan elements required by Agreement Action Plan section 11.5. Approval of the TRU/TRUM PMP and accompanying Agreement change requests will establish all major project tasks and deliverables for treatment/storage of Hanford site TRU/TRUM including commercial sector management, modification of existing facilities, and construction of new facilities.
- M-91-04 Complete construction of small container Contact Handled (CH) TRU/TRUM retrieval facility(s) and initiate (Project W-113) retrieval of small container TRU/TRUM from 200 Area burial grounds. September 2000
- During initial facility operations, contact handled, small container integrity will be evaluated and data used in the further development of the retrieval campaign.
- M-91-05-T01 Complete and submit TRU/TRUM retrieval and processing facility Engineering Study/Functional Design Criteria Study to Ecology. December 2002
- The TRU/TRUM engineering/functional design criteria study will cover activities/facilities not considered commercially viable as documented in the approved TRU/TRUM PMP and associated Agreement change requests.
- M-91-06-T01 Award necessary privatized contracts for processing Remote Handled (RH) and Large Size TRU/TRUM. September 2003
- M-91-07 Complete Project W-113 for Post 1970 CH TRU/TRUM retrieval. September 2004
- M-91-08-T01 Complete construction and initiate hot operations of RH and Large Size TRU/TRUM processing facility (A final acquisition schedule for this facility will be established as an interim milestone no later than December 2000). June 2005

LOW LEVEL MIXED WASTE

- M-91-09 Initiate operations at new Central Waste Complex storage facilities (Project W-112). June 1997

- M-91-10 Submit Hanford Site LLMW and Greater than Class C (GTC3) waste Project Management Plan (PMP) to Ecology pursuant to Agreement Action Plan section 11.5. June 1999
- The Hanford Site LLMW/GTC3 PMP will include all plan elements required by Agreement Action Plan section 11.5. Approval of the LLMW/GTC3 PMP and accompanying Agreement change requests will establish all major tasks and deliverables for treatment/storage/disposal of Hanford RH and large container CH LLMW, and storage of GTC3 waste including commercial sector management activities, construction of new facilities, and modification of existing facilities.
- M-91-11-T01 Complete and submit LLMW treatment facility Engineering Study/Functional Design Criteria Study to Ecology. December 2000
- The LLMW treatment facility Engineering Study/Functional Design Criteria Study will cover activities/facilities not considered commercially viable as documented in the approved LLMW/GTC3 PMP and associated Agreement change requests.
- M-91-12 Initiate thermal treatment of currently stored and newly generated CH LLMW. At least 600 cubic meters will be provided for treatment by December 2005. December 2000
- M-91-13 Initiate disposal of CH LLMW. June 2001
- M-91-14-T01 Award commercialization contract(s) for treatment of RH and Large Size LLMW per approved LLMW/GTC3 PMP and associated Agreement change requests. October 2003
- M-91-15 Complete acquisition of facilities and initiate treatment of RH and large container (CH) LLMW. June 2008