

Meeting Minutes Transmittal

324 REC/HLV
Project Managers' Meeting
Federal Building/Room 269
Richland, Washington

March 4, 1999
2:30 p.m. to 3:30 p.m.

The undersigned indicate by their signatures that these meetings minutes reflect the actual occurrences of the above dated Unit Managers Meeting.

David W. Templeton Date: 5/27/99
David W. Templeton, Project Manager, RL

A. B. Stone Date: 27 May 1999
A. B. Stone, Project Manager, Washington State Department of Ecology

324 REC/HLV Closure Plan, BWHC Concurrence

David E. Rasmussen Date: 5/27/99
D. E. Rasmussen, Contractor Representative, BWHC

Purpose: Discuss Permitting Process

Meeting Minutes are attached. The minutes are comprised of the following:

- Attachment 1 - Agenda
- Attachment 2 - Summary of Discussion and Commitments/Agreements
- Attachment 3 - Attendance List
- Attachment 4 - 300 Area Stabilization Project, Milestone TPA-M-89
- Attachment 5 - 300 Area Stabilization Project, Milestone TPA-M-92



Attachment 1

324 REC/HLV
Project Managers' Meeting
Federal Building/Room 269
Richland, Washington

March 4, 1999
2:30 p.m. to 3:30 p.m.

Agenda

1. Introduction
2. Previous meeting minutes
ACTION: Update of meeting minutes distribution list
3. 324 REC/HLV Closure Plan
 - a. TPA M-89-00/M-89-02 Change Package status
- Status provided at IAMIT meeting 2/23/99
 - b. Project status tracking, schedule mid-month meeting as appropriate
4. B-Cell cleanout project status
 - a. Recent progress/highlights - provided at IAMIT meeting, 2/23/99
5. Action item review
 - a. Ecology request for focus sheet for TPA M-89-00
6. Other topics/discussions
 - a. Other topics
7. Schedule next meeting

Attachment 2

324 REC/HLV
Project Managers' Meeting
Federal Building/Room 269
Richland, Washington

March 4, 1999
2:30 p.m. to 3:30 p.m.

Summary of Discussion and Commitments/Agreements

1. Introductions

There were no new introductions to make.

2. Previous Meeting Minutes Approval

The January 13, 1998 Project Manager Meeting (PMM) minutes were approved.

3. 324 REC/HLV Closure Plan

a. TPA M-89-00/M-89-02 Change Package status

A. Stone (Ecology) reported that the change package has gone through Ecology, RL and EPA review and comment, and it is close to being issued by RL. The Hanford Advisory Board must be given a 30 day notice prior to issuance.

b. Project status tracking, mid-month meeting status

A mid-month meeting was scheduled with A. Huckaby (Ecology) for March 17, 1999. A. Stone requested that a mid-month meeting also be scheduled with S. Skurla (Ecology).

4. B-Cell Cleanout Project Status

a. Recent progress/highlights

D. Rasmussen (BWHC) noted that a fairly thorough highlights for B-Cell was presented at the IAMET meeting held February 23, 1999, and he suggested attaching the handout to the 324 meeting minutes (Attachments 4, 5). It was agreed to attach the handout from the IAMET meeting. A. Stone commented that Ecology should be given an appropriate amount of time to review and comment on the handout before it is presented at the IAMET.

Regarding B-Cell highlights, D. Rasmussen reported that size reduction of the 1A rack was conducted from January 5, 1999 until February 23, 1999, when a top portion of the 1A rack got caught on some equipment on the 2A rack. In the process of trying to move the equipment, the crane was moved sideways and its center of gravity shifted. A wire rope in the ten-ton crane was pulled out of its groove and became caught. D. Templeton (RL) estimated the crane would be down for another week.

A. Huckaby asked if the 1A rack could have fallen to the floor. D. Templeton responded that the rack did drop about 12 inches, but it was still a foot and a half from the floor. A. Huckaby inquired about the corrective actions taking into consideration the potential for the 1A rack to fall to the floor. C. Kronvall (BWHC) responded that videos which were taken are being reviewed to fully understand the configuration of the racks in an effort to proceed with the correct response. C. Kronvall also noted that the crane team has been working in parallel to establish operating parameters and specifications.

5. Action Item Review

- a. BWHC to provide Ecology with the focus sheet for TPA Milestone M-89-00

This action has been completed (see discussion 3(a) above).

6. Other topics/discussion

A brief discussion was held regarding the development of documentation for moving grouted low-level TRU waste and dangerous waste into A-Cell and C-Cell for interim storage. This topic will be discussed during a March 17, 1999 meeting that was previously scheduled, and another meeting may be scheduled for more detailed discussion.

A. Huckaby referred to the several small tanks located at the back of the 324 Building by the rollup doors that she observed during her tour. A. Huckaby expressed an interest in comparing what is contained in the WIDS system to the 300 Area Vulnerability Assessment, and she requested a copy of the 324 Building portion of the Vulnerability Assessment. E. Palmos (RL) took an action to provide the document.

A. Stone initiated a discussion regarding Ecology's concern about the impact of the budget on the 324 Building. A. Stone noted that the Tri-Party Agreement (TPA) M-89 milestones were implemented as a result of a compliance agreement and inspection, and that failure to fund those milestones not only affects the TPA but also RL's agreement for compliance inspection. Ecology is investigating the issue. D. Templeton explained the reasoning for choosing to fund PFP over 324 closure is the risk factor. A. Stone stated Ecology's formal position is that DOE-RL must request a fully compliant budget, and if Congress denies full funding, then there are grounds for discussing the hard choices issues.

D. Templeton stated that the end-of-month schedule usually provided at the PMM will be available at the meeting on March 16, 1999.

7. Schedule Next Meeting

Ecology, RL and BWHC agreed to hold the next PMM on May 13, 1999, at the Federal Building in Richland, Washington.

Attachment 4

324 REC/HLV
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Federal Building/Room 269
Richland, Washington

March 4, 1999
2:30 p.m. to 3:30 p.m.

300 Area Stabilization Project
Milestone TPA-M-89
IAMIT Meeting February 23, 1999

300 Area Stabilization Project

Milestone
TPA-M-89

IAMIT Meeting February 23, 1999
Tri-Party Agreement Milestone
Status Report

Ecology Program Manager - AB Stone
DOE-RL Program Manager - DW Templeton
FDH Environmental Sponsor - AM Hopkins

Program Manager's Assessment

Since last quarterly review

Environmental - *Excellent*

Currently, major risk reduction activities at 324 Building B-Cell are focusing on removal of processing racks. 1A Rack Size Reduction began in November 1998. Preparations have been initiated for the removal of the 2A Rack.

Approximately 1/4 of the 1A Rack materials have been sampled. Samples were sent to the 222-S Laboratories February 16, 1999 for analyses. The 1B Rack samples have been analyzed for radioactive material composition to determine whether the materials will be classified as either Transuranic (TRU) and/or Low Level Waste (LLW). Characterization results will also support shipment of B-Cell waste materials to the 200 Area Burial Grounds.

Safety - *Satisfactory*

A B-Cell fire occurred 1/24/99 when sparks from size reduction activities ignited combustibles in a Grout Container. No injuries or environmental releases occurred as a result of the fire. Recovery Actions were completed 2/7/99. Upgrades have been made to the B-Cell Fire Protection equipment. A new camera and a new fire protection hose have been installed and tested that are improvements over the systems that they replaced..



Program Manager's Assessment

Since last quarterly review

Cost - Satisfactory

Baseline Change Request (BCR) BCR-FSP-99-008 was approved on February 16, 1999. This BCR reflects current plans to Size Reduce the 1A Rack ahead of the 2A Rack.

The B-Cell Cost Variance is attributable to costs for the NAC-1 Cask purchased in FY 1998 showing up in FY 1999. The cost variance will disappear once the accrual is reversed.

Program Manager's Assessment

Since last quarterly review

Schedule - *Unsatisfactory*

M-89-02 is two months behind the recently approved catch-back schedule (Schedule that is included in BCR-FSP-99-008). The BCR reflects current plans to size reduce the 1A Rack ahead of the 2A Rack. Significant factors contributing to the schedule variance are:

- Repeated failures of the 324 Building Radiochemical Engineering Cell (REC) Cranes (Out of Service 75 out of the first 125 days of FY 1999)
- A fire in the B-Cell on 1/24/99 delayed progress by 2 weeks.

A significant roadblock to size reducing was eliminated by dose profiling the 1A Rack, demonstrating an inventory of ~200 Ci versus the previously estimated 1.5MCi. The dose data enabled the project to proceed directly to size reducing the 1A Rack, avoiding an additional one month delay for the preparation and issue of a 324 Building FSAR Addendum.

Major Accomplishments

in last three months

M-89-00

- A proposed due date for completion of closure activities has been established as 10/31/05, replacing the TBE date status for Major Milestone M-89-00.

M-89-02

- Based on the radiological characterization of the B-Cell 1A Rack, an addendum to the 324 Building SAR will no longer be required. Dose profile data indicate the presence of 200Ci versus the previously estimated 1.5MCi. The dose data enabled the project to proceed directly to size reducing the 1A Rack, avoiding an additional one month delay for the preparation and issue of a 324 Building FSAR Addendum.
- The B-Cell 10-Ton Crane has been available for use since repairs were completed on January 5, 1999.
- The 324/327 Buildings Stabilization/Deactivation Project Project Management Plan was revised and issued in December 1998. The revision includes improved schedule logic, implementing recommendations from the B-Cell Optimization Study.
- The B-Cell optimization study was issued. The study evaluated all in-cell activities and project interfaces for schedule acceleration.
- 1A Rack Size Reduction activities were initiated.
- A Deployment Plan for the ASTD Proposal for "Deploying a Robot Work Platform for Large Hot Cell Deactivation" has been submitted. Funding from EM-50 (\$1.544 Million) is expected to be available by the end of March.
- All above ground connections for the 2A Rack have been removed; only below grade jumpers remain to be removed.
- An upgraded camera system has been installed in B-Cell that is expected to improve visibility within B-Cell.
- A technical paper has been approved for implementation that exempts materials in "lidded" Grout Containers from inclusion in the B-Cell combustibles inventory.
- RL and Ecology approved TPA change package M-89-98-03, that establishes November 30, 2000 as the M-89-02 completion date

Planned Accomplishments

Next Three Months

M-89-02

- Ninety percent (90%) of the 1A Rack size reduction will be completed, and the associated LLW will be shipped in grout containers to the 200 Area Burial Grounds. Note: Grout container shipment is pending resolution of the TRU/LLW grout container designation.
- 2A Rack jumper removal will be completed.
- Design and fabrication of equipment to enable transfer of Spent Nuclear Fuel equipment from the B-Cell to the A-Cell will be completed.
- Determine the level of readiness required to reopen the PUREX tunnels to receive special-case waste.
- Repair of the B-Cell 3 1/2-ton crane will be completed. 3 1/2-ton crane operations are currently restricted due to cable damage and a twisted wire rope.
- Engineering studies for the B-Cell decontamination and dispersible collection/vacuuming will continue.
- The Robotics ASTD Proposal Request for Interest (RFI) will be issued, the Project Management Plan (PMP) will be drafted and the Request for Proposals (RFP) will be initiated.



Baseline Performance

FY 1998 Schedule Variance -

Summary Variance Analysis -The B-Cell project continues to lag two months behind the revised Project Management Plan schedule (approved for use via BCR-FSP-99-008 on February 16, 1999). The schedule variance is primarily due to the repeated failures of the REC cranes in the months of October, November, and December 1998. A fire in B-Cell accounted for a two week delay in January. Clean-out activities have resumed in February. Formation of a dedicated Crane Improvement Team is expected to identify activities that will improve crane reliability. Assignment of swing shift maintenance resources dedicated to crane/manipulator repairs is being evaluated.

FY 1999 Cost Variance

Summary Variance Analysis -. Following approval of BCR-FSP-99-008, costs for work completed to date are within required reporting limits. Costs are tracking closely with the work being performed.

Issues

Issue: A question has been raised regarding TRU/LLW designation of Grout Containers in B-Cell.

- **Impact** - Six legacy grout containers in B-Cell cannot be shipped to 200 Area Burial Grounds until their waste designation is confirmed and newly generated grout containers cannot be shipped at this time due to questions regarding the TRU/LLW designation. This could impact B-Cell clean-out due to inadequate storage causing a stop to work. Use of either A-Cell or C-Cell as an interim storage location will be carefully evaluated prior to actual movement of materials into these locations.
- **Corrective Action** -
 - An FDH, BWHC, and WMH Team is evaluating the dose methodology and calculations for TRU/LLW content determination that have been recently proposed.
 - Alternate storage locations outside of B-Cell (ex. 324 Building A-Cell and C-Cell) are being evaluated.
 - Alternate shipping/storage options are being explored that would allow for shipment/storage of TRU/LLW materials.
 - Direct TRU measurement technologies available from PNNL are being evaluated.

Issues

Issue: Progress towards completion of the M-89-02 milestone continues to lag 2 months behind the revised Project Management Plan schedule (approved for use via BCR-FSP-99-008 on February 16, 1999).

- **Impact** - If not recovered, could delay completion of Phase I Closure Activities.
- **Status/Corrective Actions** - Actions completed are:
 - Formation of a dedicated Crane Improvement Team. The Team is expected to identify activities that will improve crane reliability.
 - Assignment of Swing Shift maintenance resources dedicated to crane/manipulator repairs is being evaluated. The resources would be expected to be available to make timely repairs, thus reducing down-time due to crane and manipulator failures.
 - Upgrades have been made to the B-Cell Fire Protection equipment. A new camera and a new fire protection hose have been installed and tested that are improvements over the systems that they replaced.
 - Agreement has been reached with FDH regarding the classification of waste materials in a "lidded" Grout Container. Classifying materials in "lidded" Grout Containers as "non-combustible" will reduce the need for movement of Grout Containers in and out of the REC Cells during "cutting" operations. Time spent moving Grout Containers will now be available for clean-out.

Project Summary

10-ton crane unavailability and a fire in B-Cell caused major delays in the 1A Rack Size Reduction, and the 2A Rack removal and size reduction. The 10-ton crane has been operational since 1/5/99. Additional corrective actions being taken to further improve crane reliability include formation of a 324 Building Crane Team and evaluation of a Swing Shift Maintenance Crew.

Shipment of Grout Containers is on hold, pending completion of a joint FDH/WMH evaluation of the revised BWHC Dose methodology and calculations for TRU/LLW designation. As a result of questions raised by the new methodology, a revised Grout Container Waste Management Plan may be developed. Newly generated waste is not being "Grouted", pending the outcome of the review.

Studies are underway to evaluate alternate temporary storage locations for the Grout Containers now in B-Cell. Identification of an alternate, temporary storage location will ensure that B-Cell clean-out will not be affected by waste hold-up.

Active Milestone Overview

Milestone M-89-00 Interim Milestones and Target Dates

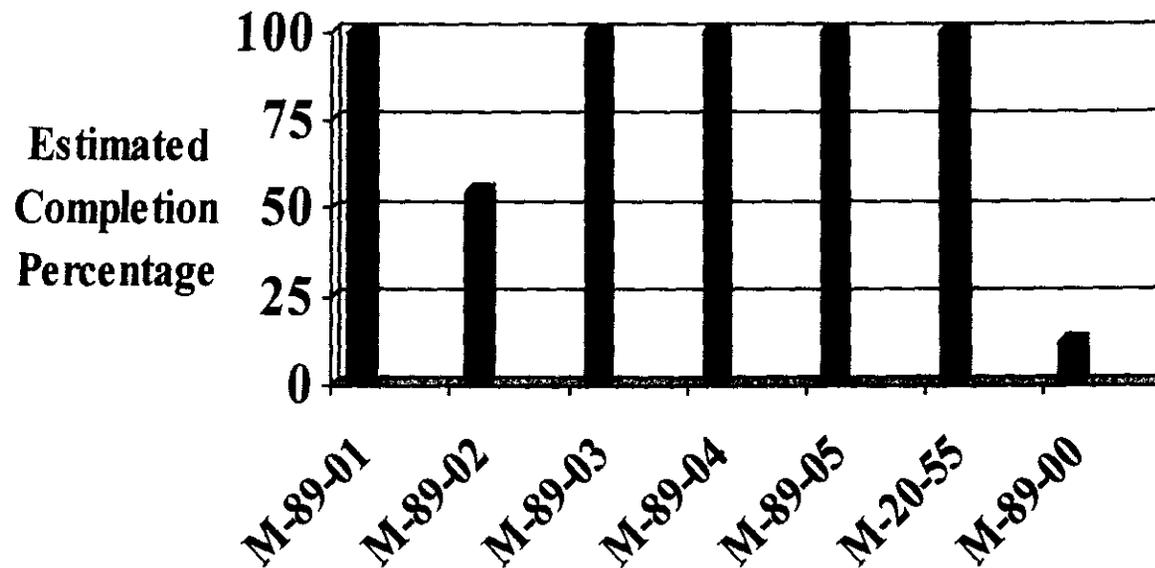
Milestone	Description	Target Date	Status
M-89-00	Complete closure of non-permitted mixed waste units in the 324 Building REC B-Cell, REC D-Cell, and the high-level vault.	10/31/05*	In progress
M-89-02	Complete removal of 324 Building REC B-Cell MW and equipment.	11/30/00*	In progress

*Pending approval of Hanford Federal Facility Agreement and Consent Order Change Control Form, Change Number M-89-98-04, dated October 20, 1998. A focus sheet has been drafted to support the public involvement process required to change the date for M-89-00 from "TBE" to October 31, 2005. The focus sheet is being reviewed by RL. The public comment period will begin soon, but a date has not as yet been established.

Completed Milestone Overview

Milestone	Description	Target Date	Status
M-89-01	Complete removal of 324 Building HLV tank MW with the exception of residues that may remain following flushing and draining to the extent possible.	10/31/96	Complete
M-89-01A	DOE will submit to Ecology a report identifying the preferred option for management of liquid MW in the HLV tanks.	3/31/95	Complete
M-89-03	Achieve compliance with interim status facility standards at non-permitted 324 Building MW units.	3/31/95	Complete
M-89-04	Submit to Ecology a report identifying MW management alternatives and DOE's proposal for achieving clean closure of the 324 Building REC B-Cell, D-Cell and HLV.	6/30/95	Complete
M-89-05	Complete 324 Facility SCW assessment in support of 324 closure.	6/29/98	Complete
M-20-55	Submit closure plan for non-permitted mixed waste units located in the 324 Building REC B-Cell, REC D-Cell, and HLV.	12/31/95	Complete

Milestone M-89 Completion Status



Attachment 5

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300 Area Stabilization Project
Milestone TPA-M-92
IAMIT Meeting February 23, 1999

300 Area Stabilization Project

Milestone
TPA-M-92

IAMIT Meeting February 23, 1999
Tri-Party Agreement Milestone
Status Report

Ecology Program Manager - AB Stone
DOE-RL Program Manager - DW Templeton
FDH Environmental Sponsor - AM Hopkins

Program Manager's Assessment

Since last quarterly review

Cost - Excellent

Key Milestone M-92 activities are being completed within budget. FY 1999 funding for performance of the 327 Building Legacy Waste Bucket Verification and packaging is included in BCR-FSP-99-009.

Safety - Excellent

No negative safety impacts or issues have arisen out of the storage and/or handling, packaging, or transportation of the Special-Case Waste inventory.

Program Manager's Assessment

Since last quarterly review

Environmental - Excellent

No negative environmental impacts or issues have arisen out of the storage and/or handling, packaging, or transportation of the Special- Case Waste inventory.

Schedule - Excellent

- The near-term milestones are being completed on and ahead of schedule.
- M-92-13 through M-92-16 are well ahead of schedule and are projecting early completion.
- Sodium Disposition items (M-92-09, -10, and -11-T01) are on-hold pending a decision regarding future missions at the FFTF.
- Uranium disposition discussions are continuing to make progress. The current discussions would ship 90-100% of the Hanford Uranium inventory to Oak Ridge. (MX-92-06T)
- BNFL has completed its optimization study to include the capability to process the Cs/Sr capsule in its Phase 1 HLW vitrification facility; RL is currently evaluating that recommendation (scheduled completion 4/99). NOTE: If RL accepts the BNFL recommendation to include the Cs/Sr processing scope as part of Phase 1, we will be able to close out the Milestone M-92-05 as being complete.

Major Accomplishments

in last three months

- M-92-04** Closure letter was submitted by RL to EPA and ECOLOGY on 12/21/98.
- M-92-05** Potential for M-92-05 to be completed early if TWRS/BNFL recommendations are accepted.
- M-92-12** Continued administrative activities to allow reopening of the No.2 PUREX tunnel and finalize the path forward for the 324 and 327 Facilities' Special Case Waste destined for the tunnel.
- M-92-13** Continued coordination efforts with other owners of SCW to ensure an integrated PMP is produced. MOA in RL concurrence cycle. PMP ahead of schedule.
- M-92-14** Ahead of schedule.
- M-92-15** Ahead of schedule.
- M-92-16** Ahead of schedule.

Planned Accomplishments

M-92-00

- Finalize Memorandum of Agreement.

M-92-05

- Continue discussions with RL regarding the BNFL recommendation to include the capability to process the CS/SR capsules in its Phase 1 HLW vitrification facility. DOE-RL is currently preparing a Supplemental Record of Decision to the TWRS Environmental Impact Statement that would add the disposition of the Cs/Sr capsules to the TWRS tank waste treatment and disposal mission (scheduled completion 4/99).

MX-92-06T

- Continue discussions regarding transfer of 90-100% of the Hanford Uranium inventory to Oak Ridge.
- Uranium disposition team developing pathway options.

M-92-12

- Continue administration and physical activities associated with reopening of the PUREX Tunnel #2.

M-92-13

- Continue to coordinate with PNNL and WMH regarding the 300 Area Project Management Plan for Special-Case Waste. Finalize Special-Case Waste inventory.
- PNNL and BWHC PMP information drafted. Begin integration and internal reviews.

M-92-14, -15, -16

- Continue to package legacy waste buckets within the 327 Building hot cells and ship the waste buckets to storage in the 200 Waste Area.

Issues

M-92-09,10,11-T01

Issues

On hold pending disposition of Hanford Federal Facility Agreement and consent order change control form, change number M-92-98-01. The change form requests that these milestones be held "in abeyance" pending a decision on the future mission of the FFTF.

Impact

Schedule commitments for M-92-09 and -10 have not been met. Schedule commitments for M-92-11-T01 may not be met.

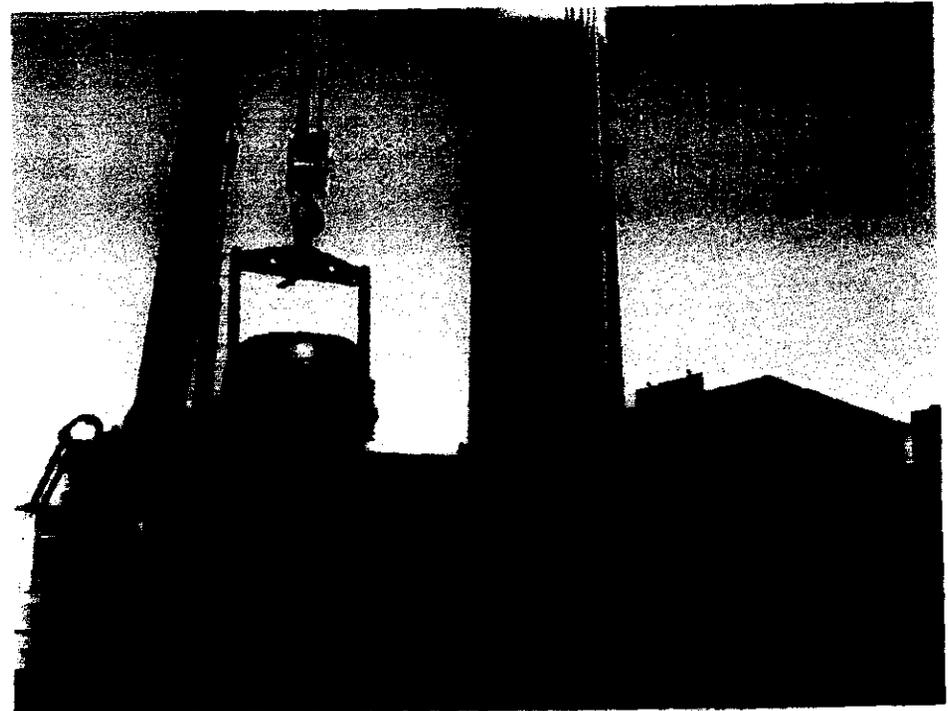
Project Summary

- M-92-04. All cesium material in the 324 Building identified in the PMP has been packaged and shipped to the WESF Facility. Closure letter was submitted by RL to EPA and ECOLOGY on 12/21/98.

The near-term milestones are being completed on or ahead of schedule.

To date:

- M-92, all activities required to date have been completed ahead or on schedule. All future milestones are ahead or on schedule. Exceptions: M-92-09 and M-92-10 are on-hold, pending an FFTF Mission Decision.
- M-92-14, -16: 59 waste buckets have been loaded into 12 waste drums in FY 1999.
- M-92-13, On schedule
- M-92-15, Ahead of schedule



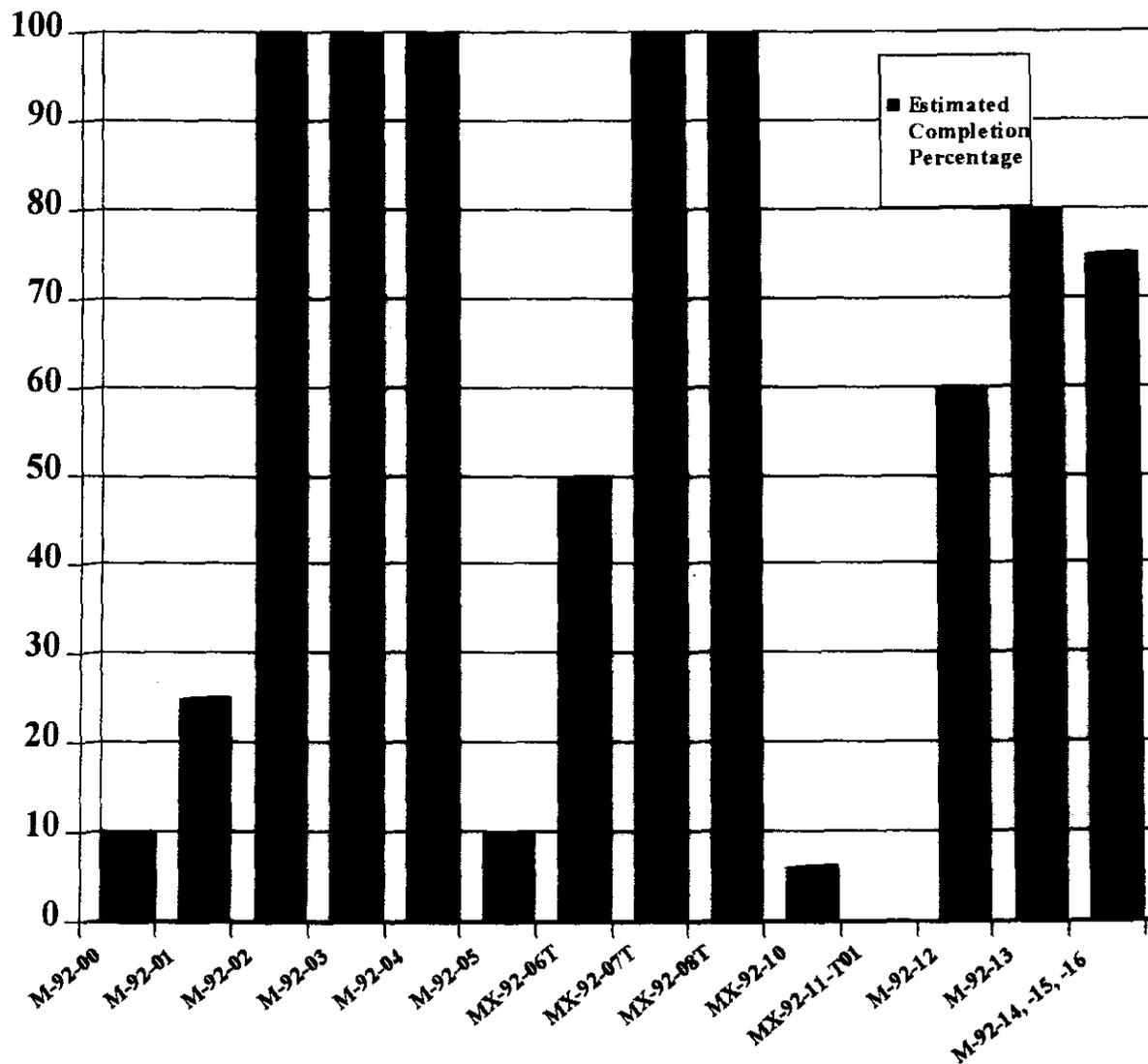
Milestone M-92-00 Interim Milestones and Target Dates

Milestone	Description	Target Date	Status
M-92-00	Complete acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, treatment/processing, and disposal of Hanford Site cesium and strontium capsules (Cs/Sr), bulk sodium (Na), and 300 Area special-case waste (SCW).	TBD	TBD
M-92-01	Complete commercial disposition and/or acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for sitewide consolidation, and storage prior to commercial use, or treatment and/or repackaging by DOE TWRS.	12/31/09	On schedule
M-92-05	Inclusion of Hanford Site Cs/Sr treatment and/or repackaging parameters in DOE TWRS Phase II Request for Proposals (treatment and/or repackaging of all remaining Cs/Sr).	6/30/03	On schedule
MX-92-06T	Complete commercial disposition and/or the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for storage, treatment/processing, and disposal/disposition of all Hanford Site UU.	12/31/00	In progress
M-92-09	Complete acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for storage, treatment/processing, and disposal of Hanford Site sodium.	TBD, pending FFTF Mission decision	On hold
M-92-10	Submit Hanford Site Sodium Project Management Plan (PMP) to Ecology pursuant to Agreement Action Plan Section 11.5.	10/31/98	On hold
MX-92-11-T01	Complete disposition options for all Hanford non-radioactive sodium.	3/31/02	In progress
M-92-12	Complete acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for consolidated storage prior to disposal of Hanford Site 300 Area special-case waste (SCW).	9/30/06	On schedule
M-92-13	Submit 300 Area SCW PMP to Ecology pursuant to Agreement Action Plan, Section 11.5.	9/30/00	On schedule
M-92-14	Complete removal and transfer, and initiate storage of Phase I 300 Area SCW waste and materials. Phase I inventory will consist of, at minimum, one-third the total curie content of all 300 Area SCW.	9/30/02	On schedule
M-92-15	Complete removal and transfer, and initiate storage of Phase II 300 Area SCW waste and materials. Phase II inventory will consist of, at minimum, half of the remaining curie content of 300 Area SCW waste and materials.	9/30/04	On schedule
M-92-16	Complete removal and transfer and initiate storage of Phase III 300 Area SCW and materials.	9/30/06	On schedule

Completed M-92 Milestones

Milestone	Description	Target Date	Status
M-92-02	Submit Hanford Site Cs/Sr Project Management Plan (PMP) to Ecology pursuant to Agreement Action Plan, Section 11.5.	Sept. 1997	Completed
M-92-03	Submit modified Hanford Site facility Part A Permit Application to Ecology, incorporating all Hanford Site Cs/Sr capsules (300 Area and unencapsulated salts) for which a commercialization contract has not been executed.	Dec. 1997	Completed
M-92-04	Complete transfer of all 300 Area Cs/Sr to WESF and/or an approved storage location.	Dec. 1998	Completed
MX-92-07T	Submit Hanford Site UU Project Management Plan (PMP) to ECOLOGY pursuant to Agreement Action Plan Section 11.5	Dec. 1997	Completed
M-92-08T	Submit Hanford UU disposition Assessment Report	June 1998	Completed

Milestone M-92 Completion Status



Distribution:

R. C. Bowman	WMH	H6-24 *
J. M. Barnett	BWHC	L1-05 *
B. L. Charboneau	RL	L1-02 *
C. E. Clark	RL	A5-15 *
M. DeLeon	FDH	N1-26 *
L. A. Dietz	BHI	H0-20
G. D. Hendricks	BWHC	R3-56 *
A. M. Hopkins	FDH	N1-26 *
K. A. Hadley	BWHC	R3-56 *
A. D. Huckaby	Ecology	B5-18 *
C. M. Kronvall	BWHC	L1-08 *
D. C. Langstaff	RL	L5-65 *
L. J. Liminski	LMH	H8-71
E. M. Mattlin	RL	A5-15 *
R. M. Millikin	BWHC	L5-65 *
E. J. Palmos	RL	R3-78 *
J. K. Perry	FDH	H6-23 *
S. M. Price	FDH	H6-23 *
A. L. Prignano	WMH	H6-24
D. E. Rasmussen	BWHC	L1-04
J. G. Riddelle	BWHC	L1-02 *
A. B. Stone	Ecology	B5-18
D. W. Templeton	RL	L5-65
J. J. Wallace	Ecology	B5-18
M. S. Wright	BWHC	L1-02 *

ADMINISTRATIVE RECORD (two copies): 324 REC/HLV Closure Plan, S-3-4
[Care of EDMC, (H6-08)]

Washington State Department of Ecology Nuclear and Mixed Waste Hanford
Files, PO Box 47600, Olympia, Washington 98504-7600

Please send comments on distribution list to A. L. Prignano (H6-24),
(509)-376-1057.

* electronic copy only