

Meeting Minutes
 March 26, 2002
 Tri-Party Agreement Milestone Review

0057178

Approval: Michael A. Wilson
 Michael A. Wilson (B5-18)
 Ecology IAMIT Representative

Date: 5/21/02

Approval: W. Wade Ballard for WWB
 W. Wade Ballard (A5-12)
 RL IAMIT Representative

Date: 5/21/02

Approval: Craig E. Cameron for Michael L. Goldstein
 Michael L. Goldstein (B5-01)
 Chairperson and Acting EPA IAMIT Representative

Date: 5/21/02
RECEIVED
 JUN 04 2002

Minutes Prepared by: Eileen Murphy-Fitch
 Approval: Eileen Murphy-Fitch
 Eileen Murphy-Fitch (A1-14)
 Fluor Hanford, Inc.

EDMC
 Date: 5/21/02

Aromi, E. S.	CHG	H6-63	Murphy-Fitch, E. J.	FH	A1-14*
Ballard, W. W.	RL	A5-12	Niles, K. S.	ODOE	
Bilson, H. E.	RL	H0-12	Piippo, R. E.	FH	A1-14
Boston, H. L.	ORP	H6-60	Price, J.	Ecology	B5-18*
Buxbaum, M.	FH	B3-53	Robertson, O.	RL	H0-12
Clark, C. E.	RL	A5-15	Rodriguez, H. M.	RL/ORP	A5-15
Cusack, L.	Ecology	B5-18*	Sanders, G. H.	RL	H0-12
Dagan, E. B.	RL	A5-15	Sherwood, D. R.	EPA	B5-01*
Foley, B. L.	RL	H0-12	Skinnarland, E. R.	Ecology	B5-18
Gay, R.	CTUIR		Sobczyk, S.	NezPerce	
Goodenough, J.	DOE	H0-12	Stanley, R.	Ecology	Lacey*
Hales, J. E.	FH	A1-14	Thomson, E. K.	FH	H5-20
Hedges, J.	Ecology	B5-18	VanLeuven, D. B.	FH	H5-20
Henry, G.	ODOE		Walsh, J. L.	BHI	H0-11
Hertz, J. S.	FH	A1-14	Wilson, M. A.	Ecology	B5-18
Iwatate, D. F.	FH	A1-14	Wintczak, T. M.	BHI	H0-09
Jim, R.	Yakama*		Warren, R. N.	RL	H0-12
LaRue, D. N.	BHI	H0-11	Wisness, S. H.	RL	A5-58
Logan, T. E.	BHI	H0-09	Yerxa, J. K.	RL	A5-15
Moy, S. K.	RL	H0-12	Administrative Record	EDMC	H6-08*
Morrison, R. D.	FH	A1-14*			

*w/Attachments File: TPAM_03_02.doc

Tri-Party Agreement Milestone Review
March 26, 2002

General Notes/Concerns/Actions:

Project Review presentations are to be provided to the regulators at least one week prior to the meeting. Comments received need to be dispositioned (i.e., accept/individual agency position, etc.) and a final draft forwarded the day before the milestone review meeting.

Action: Prepare a list of agency lead/key staff who are responsible for preparing project review presentations and disseminate

Actionee: Joel Hebdon/Laura Cusack/Mike Goldstein/Jeff Hertzell

Dave Bartus requests that a copy of the presentation be provided to him at the same time it is provided to regulatory project managers

Acquisition of Facilities to TSD TRU/TRUM, LLMW and GTC3 (M-091)

Presented by: Todd Schrader

Start: 9:20 a.m.

End: 9:40 a.m.

Presentation attached.

- Ecology took exception to the issue table (M-091-07)
- EPA took exception to the discussion on Tri-Party Agreement target date M-091-19-T01: it is in jeopardy due to resource limitations and not technical issues
- RL notified Ecology (February 22, 2002) that Tri-Party Agreement Interim Milestone M-091-12A, Complete Thermal Treatment of at Least 240 Cubic Meters of Contact Handled (CH) Low Level Mixed Waste (LLMW) by December 31, 2002, would not be met as scheduled. By April 5, 2002, RL will provide Ecology with a full list of the treatment options considered; criteria used in evaluating each treatment option; explanation for not selecting each treatment option, criteria DOE used to select any viable options; and additional options still in consideration. RL will respond by April 15, 2002.

PFM Transition (M-083)

Presented by: Bryan Charboneau

Start: 9:40 a.m.

End: 9:50 a.m.

No significant issues/concerns or agreements were identified during the presentation. Presentation attached.

Environmental Restoration – River Corridor and Central Plateau Activities

Start: 10:02 a.m.

End: 10:22 a.m.

No significant issues/concerns or agreements were identified during the presentation. Presentation attached.

Action: RL will schedule meeting to discuss RCP issues,, groundwater commitments, accelerating cleanup within the 2012 time frame; outside the fence.

Actionee: RL (Matt McCormick) will schedule a meeting for regulators and Beth Bilson will set meeting up with Bilson/regulators to discuss

Due Date: As soon as possible

324 Building Closure of MW (M-089)

Presented by: Dave Langstaff

Start 10:22 a.m.

End: 10:30 a.m.

No significant issues/concerns or agreements were identified during the presentation. Presentation attached.

Page 1 of package needs to rename the column “target date” “compliance date”

Facilities for Cs/Sr Sodium and SCW (M-092)

Presented by: Dave Evans

Start: 10:30 a.m.

End: 11:00

Ecology stated that the presentation consists of DOE’s position and is not reflective the other parties. The lead regulatory project manager needs to be involved in finalization of the packages prior to them being presented at the Tri-Party Agreement Quarterly Milestone Review.

Action: Prepare a list of agency lead/key staff responsible for preparing project review presentations and disseminate

Actionee: Joel Hebdon/Laura Cusack/Mike Goldstein/Jeff Hertzell

ATTENDEES

**Tri-Party Agreement Milestone Review
March 27, 2002**

<u>NAME</u>	<u>ORGANIZATION</u>	<u>MAILSTOP</u>	<u>ATTACHMENTS</u>
JEFF HERTZEL	FH / TPAI		
Ellen Dagan	DOE		
Rm Skinner	Ecology		
Rick Band	Ecology		
Briant Charboneau	DOE		
Ellen Mathlyn	DOE-RL-RCA	A5-15	yes
ANDREA HOLLINGS	FH		yes
Joel Heddon	DOE-RL-RCA	A5-15	yes
Mike Goldstein	EPA		
MIKE WILSON	ECOLOG		
Todd Strader	RL-WMD	A6-38	
FRED JAMISON	ECOLOG	B5-18	
Larry Gadbois	EPA	B5-01	
George Sanders	DOE-RL	A6-38	
DALE MCKENNEY	FH-WMP	H8-44	
ROBERT	FH-TPA		YES
Scott R. Hs	FH-TPA	T4-07	
Woody Russell	DOE-DEP	H6-60	
Tiny Miskho	FH-	N1-24	
Melinda Brauer	Ecology	B5-18	yes
Sen Moy	RL-WMD		
Paul Bacter	EPA	B5-18	

**Land Disposal Restrictions Report
(Tri-Party Agreement Milestone M-26-01)
Quarterly Presentation
March 26, 2002**

**Mary Jarvis
DOE Regulatory Compliance and Analysis**

Land Disposal Restrictions Report
(Tri-Party Agreement Milestone M-26-01)
March 26, 2002

Milestone

- Tri-Party Agreement requires that a Hanford Site Land Disposal Restrictions (LDR) Report be submitted annually.

History

- RL submitted the Final Calendar Year (CY) 2000 LDR Report on June 28, 2001
 - Ecology provided comments to RL on September 28, 2001
 - RL submitted the Response to Comments Document and proposed page changes on October 29, 2001
 - The dispute resolution process was invoked in accordance with Tri-Party Agreement, Article VIII, *Resolution of Disputes*, and Section 9.2.1. of the Tri-Party Agreement Action Plan on November 28, 2001.

Land Disposal Restrictions Report
(Tri-Party Agreement Milestone M-26-01)
March 26, 2002

Recent Events

- Extensive technical discussions/negotiations for 4.5 months at Project Manager's Level.
- Signed a Settlement Agreement Package on March 14, 2002.
- Four issues were agreed to/path forward established:
 - DOE/Ecology mutual expectations for reports beginning in CY 2002
 - Errata sheets for inclusion in the Final CY 2000 LDR
 - Documentation on other agreements
 - Disposition of dispute deficiencies in the CY 2000 LDR

Land Disposal Restrictions Report
(Tri-Party Agreement Milestone M-26-01)
March 26, 2002

- Additional discussions will address:
 - Requirements' document consolidation
 - Commitment tracking
 - Within and among year changes
 - LDR Report change process

Actions Planned for Next Six Months

- Submit CY 2001 LDR Report (April 30, 2002)
- Conduct Summer Workshops to discuss follow on issues from Settlement Agreement.
- Possibly Hold Project Manager Meetings on M-26-01.

Nuclear Material Stabilization Project

Plutonium Finishing Plant Stabilization Project

Milestone

TPA-M-83

**IAMIT Meeting March 26, 2002
Tri-Party Agreement Milestone
Status Report**

**Ecology Project Manager - R. Bond
DOE-RL Program Manager - L. D. Romine
FH Project Manager - G. W. Jackson
FH Environmental Sponsor - A. M. Hopkins**

Plutonium Finishing Plant

Nuclear Material Stabilization Project

TPA Negotiations & Milestone Status through March 20, 2002:

- ◆ **PFP TPA Transition Negotiations tentative agreement reached by the Core Team - March 6, 2002**
 - Draft change package in legal and management review consistent with AIP
- ◆ **Completed M-83-09 March 7, 2002 – Due August 31, 2002**
 - Completed repackaging of Hanford ash mixed waste currently stored in the PFP and shipment to the Central Waste Complex (CWC) (ahead of schedule)
- ◆ **Completed Milestone M-83-10 – Due March 31, 2002**
 - Successful solidification of selected Pu-bearing solutions and shipment to the CWC completed March 11, 2002 (ahead of schedule)

Plutonium Finishing Plant

Nuclear Material Stabilization Project

Project Status Through February 2002

- ◆ **Overall progress on stabilization activities in support of DNFSB Recommendation 2000-1 activities:**
 - 2733 liters of plutonium solutions have been stabilized through the Oxalate Precipitation/Magnesium Hydroxide Precipitation Processes and processed through Direct Discard
 - 61 % of Solutions Inventory by Volume processed
 - 87% of Solutions Inventory by Total Pu processed
 - 857 bulk kgs Residues repackaged
 - Startup of 2736-ZB Stabilization and Packaging System in November 2001

Plutonium Finishing Plant

Nuclear Material Stabilization Project

Schedule Performance

(as of 2/28/02)

Unfavorable schedule variance (\$719K) primarily contributed to:

- ◆ Delays in Pipe Overpack Container (POC) procurement supporting the Residues Project
- ◆ Protracted resolution of the Outer Can Welder (OCW) weld porosity issue
- ◆ Later than planned redirection of plant resources from Project W-460 activities to the Decommissioning Project
- ◆ Rescoping of the Canister Monitoring System upgrade to a demonstration scale level has delayed project start
- ◆ Ash processing completed slightly behind (baseline) schedule due to SGSAS problems. SS&C processing is ahead of schedule

Plutonium Finishing Plant

Nuclear Material Stabilization Project

Cost Performance

(as of 2/28/02)

Favorable cost variance (\$4,036K) primarily contributed to:

- ◆ Operational efficiencies in the Solutions Stabilization Project resulted in utilizing the same labor resources to support Hanford Ash and accelerate Sand, Slag and Crucible processing and repackaging
- ◆ Accelerated completion of both Critical Mass Laboratory processing and final shipment of Direct Discard material
- ◆ Efficiencies in procurement and construction performance in support of Project W-460

Plutonium Finishing Plant

Nuclear Material Stabilization Project

Thermal Stabilization (Pu Oxides, Metals, Alloys)

Major Accomplishments

- ◆ Preparations for the thermal stabilization and packaging of polycubes have been completed for the final readiness review. The readiness review has been initiated
- ◆ Installation of three thermogravimetric analyzers (TGA) was begun in the RMA line to support moisture measurement of impure oxides

Planned Accomplishments

- ◆ Complete supplemental analysis for polycubes
- ◆ Initiate the thermal stabilization and packaging of polycubes
- ◆ Complete the TGAs installation and begin their use
- ◆ Obtain moisture measurement approvals

Nuclear Material Stabilization Project

Residues Stabilization

Major Accomplishments

- ◆ Completed repackaging and shipment of Hanford ash (353.7 kg bulk)
- ◆ Completed activities for startup of repackaging of SS&C and initiated repackaging
- ◆ 189.3 bulk kg of SS&C repackaged
- ◆ Completed corrective actions from June 2001 WIPP audit of PFP Residues Project to Carlsbad
- ◆ Successful December 2001 WIPP audit of PFP Residues Project

Planned Accomplishments

- ◆ Complete installation of additional segmented Gamma Scan Assay System (SGSAS)
- ◆ Initiate DQO and associated characterization activities for oxides/MOX
- ◆ Initiate calibration and qualification of calorimeter
- ◆ Implementation of new WIPP-WAC changes by May 17, 2002

Plutonium Finishing Plant

Nuclear Material Stabilization Project

Plutonium Bearing Solutions Stabilization

Planned Accomplishments

- ◆ Complete Solution Stabilization and Packaging by July 31, 2002

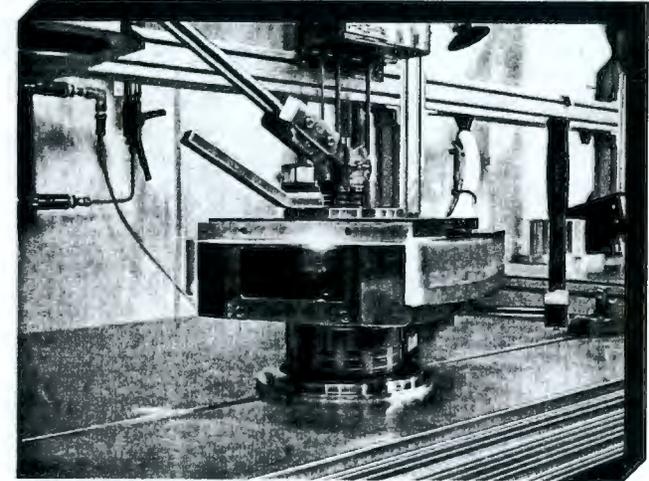
Plutonium Finishing Plant

Nuclear Material Stabilization Project

Packaging

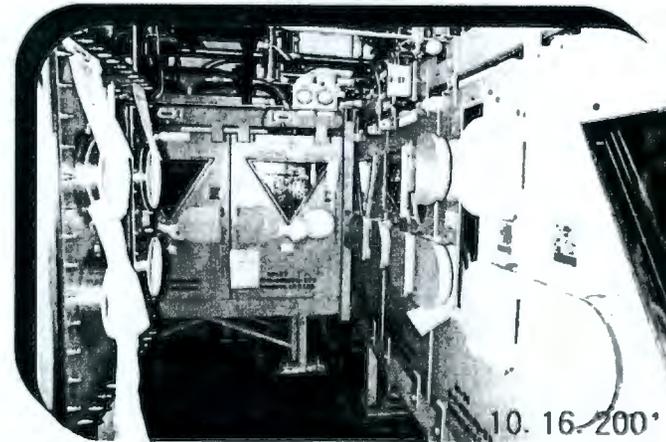
Major Accomplishments

- ◆ Completed hot startup of the 2736-ZB Stabilization and Packaging System in November
- ◆ Through March 10, 2002, the Outer Can Welder has produced three hundred ninety-eight (398) DOE-STD-3013 containers



Planned Accomplishments

- ◆ Resolve weld porosity issue



Plutonium Finishing Plant

Nuclear Material Stabilization Project

Issues/Requests for Assistance

- ◆ **None at this time**

Plutonium Finishing Plant

324 Facility Stabilization

Milestone TPA-M-89

IAMIT Meeting March 26, 2002
Tri-Party Agreement
Quarterly Milestone Review Report

Ecology Program Manager – FW Bond
DOE-RL Program Manager – DC Langstaff
FH Environmental Sponsor – JM Barnett

Active Milestone Overview

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

Program Manager's Assessment

Since last quarterly review

Environmental – Excellent

- Activities related to completion of the M-89-00 milestone have been conducted in compliance with environmental regulations. No adverse impacts to the environment have occurred

Safety – Excellent

- Activities related to completion of the M-89-00 milestone have been conducted safely during the last quarter

Cost – Good

- First quarter FY 2002 324 Building Spent Nuclear Fuel activities are tracking on budget and on schedule

Program Manager's Assessment

Since last quarterly review

Schedule – Excellent

- Completed the Radiochemical Engineering Cells airlock pipe trench cleanout activities
- Continued planning preparations and hardware fabrication for Spent Nuclear Fuel removal

Significant Accomplishments

Since last quarterly review

M-89-00

- Completed Radiochemical Engineering Cells airlock pipe trench waste collection activities
- Shipped Radiochemical Engineering Cells Airlock Pipe Trench waste to CWC
- Conducted Hazardous Operations evaluation for removal of Spent Nuclear Fuel
- Receiving fabricated equipment to begin mockup testing in support of Spent Nuclear Fuel activities
- Completed replacement of the B-Cell jib crane.

Significant Planned Actions

Next three months

M-89-00

- ◆ Continue planning activities and preparation for future Spent Nuclear Fuel removal to the 200 East Interim Storage Area
 - Install the A-Cell/Airlock hoist on the A-Cell crane
 - Complete fabrication of tools and containers
 - Complete NAC-1 cask SARP review cycle
 - Conduct readiness assessment activities to obtain startup approval

Project Summary

- M-89-00 closure activities are continuing: collection of waste material from the Radiochemical Engineering Cells airlock pipe trench is complete, and preparations for Spent Nuclear Fuel removal are proceeding

M-91-00

WASTE MANAGEMENT DIVISION

Todd Shrader

March 2002

TPA MILESTONE REVIEW	WASTE MANAGEMENT PROJECT	MARCH 2002
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MILESTONE SCHEDULE

WBS (ADS)	BASELINE DATE	FISCAL YEAR 2002												Status
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.2.2 (RL-WM04) Solid Waste Treatment	12/31/00	(M-91-01) – Due date to be established. 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. (M-91-03) – Submit Hanford Site TRU/TRUM Waste Project Management Plan (PMP) to Ecology Pursuant to Agreement Section 11.5.												To be resolved during dispute resolution.
	6/30/00													To be resolved during dispute resolution.
	9/30/02	(M-91-19-T01) Complete physical activities at T Plant necessary to store floor and pit sludge.	○	In Jeopardy.										
MILESTONE TYPES:		 M TPA MILESTONE  I TPA INTERIM	 DOE-HQ  DOE-RL	 FORECAST  Treatment Rate										

TPA MILESTONE
REVIEW

WASTE MANAGEMENT PROJECT

MARCH 2002

MILESTONE SCHEDULE

WBS (ADS)	BASELINE DATE	FISCAL YEAR 2003												Status		
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1.2.2 (RL-WM04) Solid Waste Treatment	12/31/02			⬡											(M-91-05-T01) Complete and Submit TRU/TRUM Retrieval and Processing Facility Engineering Study/Functional Design Criteria Study to Ecology.	Deletion proposed in M-91 Change Request.
	12/31/02			⬡											(M-91-12A) Complete thermal treatment and disposal of 240 m ³ of contact handled LLMW.	Will Not Be Met.
	12/31/02			⬡											(M-91-20) T Plant is ready to receive the first canister of K Basins floor and pit sludge.	On Schedule
	9/30/03												⬡	(M-91-06-T01) Award necessary privatized contracts for processing remote handled (RH) and large size TRU/TRUM.	Deletion proposed in M-91 Change Request.	
MILESTONE TYPES:		⬡ ^M TPA MILESTONE	⬡ ^I TPA INTERIM	⊖ DOE-HQ	⊕ DOE-RL	◇ FORECAST	△ Treatment Rate									

TPA MILESTONE REVIEW	WASTE MANAGEMENT PROJECT	MARCH 2002
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MILESTONE EXCEPTION REPORT

TPA MILESTONE	FUTURE MILESTONES IN JEOPARDY
M-91-07	“Complete Project W-113 for Post 1970 CH TRU/TRUM retrieval” by September 2004.
M-91-19	“Complete physical activities at T Plant necessary to store floor and pit sludge“.

TPA MILESTONE	FUTURE MILESTONES THAT WILL NOT BE MET
M-91-12A	“Complete Project W-113 for Post 1970 CH TRU/TRUM retrieval” by September 2004.

<p align="center">TPA MILESTONE REVIEW</p>	<p align="center">WASTE MANAGEMENT PROJECT</p>	<p align="center">MARCH 2002</p>
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MILESTONE EXCEPTION REPORT

<p align="center">TPA MILESTONE</p>	<p align="center">MILESTONES IN DISPUTE</p>
<p>M-91-01</p>	<p>Commitment to establish a date for: "Complete 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." (In dispute at the IAMIT level until June 15, 2002.)</p>
<p>M-91-03</p>	<p>Submit TRU/TRUM PMP. (In dispute at the IAMIT level until June 15, 2002.)</p>

TPA MILESTONE REVIEW	WASTE MANAGEMENT PROJECT	MARCH 2002
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M-91 ACCOMPLISHMENTS

WBS 1.2	<p style="text-align: center;">M-91 <u>LLMW and TRU Waste Facilities</u></p> <p>To date, 18m³ of organic/carbonaceous debris was incinerated at WERF and approximately 11.5m³ of organic solids were thermally treated at ATG. 11.5m³ of the resulting treatment residues have been disposed (from ATG). From the WERF treatment campaign; there are nine drums (~1.9m³) of segregated inorganic debris that have been macroencapsulated and disposed, and there are nine drums of ash residues being stored in CWC awaiting heavy metal stabilization. Shipped an additional 115 m³ of waste in preparation for thermal treatment to ATG.</p> <p>A Finding of No Significant Impact was issued for TRU Retrieval Environmental Assessment on March 22, 2002.</p>
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TPA MILESTONE REVIEW	WASTE MANAGEMENT PROJECT	MARCH 2002
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PLANNED ACTIONS

TPA MILESTONE SUPPORTED	DESCRIPTION	SCHEDULED COMPLETION DATE
M-91-06-T01	Highly unlikely any privatized opportunities will be available. Privatized contracts are not being pursued at the present time.	9/30/2003
M-91-07	Covered drum retrieval EA FONSI issued. Covered drum retrieval Safety Basis Document under review.	9/30/2002
M-91-12/ M-91-12A	Recovery/alternate treatment strategy being developed: <ul style="list-style-type: none"> • Accessing ATG's thermal treatment capability, • Pursuing additional treatment capacity under the DOE Broad Spectrum Contract, administered by Oak Ridge, Reviewing other onsite/offsite treatment options.	9/30/2002

TPA MILESTONE REVIEW	WASTE MANAGEMENT PROJECT	MARCH 2002
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PLANNED ACTIONS (continued)

TPA MILESTONE SUPPORTED	DESCRIPTION	SCHEDULED COMPLETION DATE
M-91-19-T01	Failed Contractor ORR has caused a reevaluation of schedule. New declaration of readiness for Shippingport Fuel removal planned for early summer. Some overlap for sludge readiness activities.	9/30/2002
M-19-20	Continue preparation work to receive sludge.	12/31/2002

TPA MILESTONE
REVIEW

WASTE MANAGEMENT PROJECT

MARCH 2002

M-91-12A SCORECARD

"Complete thermal treatment and disposal of at least 240 cubic meters contact handled LLMW."	<u>Quantity in cubic meters</u>
- WERF Incineration (2000)	~18
- ATG	12
- TOTAL M-91-12 WASTE	~30 (12)

TPA MILESTONE REVIEW	WASTE MANAGEMENT PROJECT	MARCH 2002
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M-91 ISSUES

TPA MILESTONE	DATE IDENT	ISSUE	IMPACT	STATUS
M-91-07	6/99	Milestone cannot be accomplished as written due to funding limitations.	Replacement milestone will need to be renegotiated.	Resolution is preliminarily being discussed as part of the resolution to the M-91-03 PMP dispute.
M-91-07	10/01	Uncertainty exists for the application of newly generated requirements for retrieved TRU waste.	Retrieved drums are not considered newly generated unless exiting the burial grounds. Alternate interpretations have potentially significant cost impacts.	To be resolved as part of M-91-03 PMP and Change Request negotiations. Written RL position submitted to Ecology.

TPA MILESTONE REVIEW	WASTE MANAGEMENT PROJECT	MARCH 2002
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M-91 ISSUES

TPA MILESTONE	DATE IDENT	ISSUE	IMPACT	STATUS
M-91-07	10/01	Definition of retrieved drums requires clarification.	RL considers drums retrieved and designated as Low-Level and returned to the LLBG as disposed. Alternate interpretations may require work outside of current contract.	To be resolved as part of M-91-03 PMP and Change Request negotiations. Written RL position submitted to Ecology.
M-91-07	10/01	Application of LDR to TRU requires clarification.	RL considers LDR to not be applicable to TRU during retrieval, storage, or processing operations.	To be resolved as part of M-91-03 PMP and Change Request negotiations. Written RL position submitted to Ecology.

Nuclear Materials and Facility Stabilization

Milestone TPA-M-92

IAMIT Meeting March 26, 2002
Tri-Party Agreement
Quarterly Milestone Review Report

Ecology Program Manager – FW Bond
DOE-RL Program Manager – DT Evans
FH Environmental Sponsor – JM Barnett

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	Reported elsewhere
MX-92-06-T01	Complete commercial disposition and/or acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, treatment/processing, and disposal/disposition of all Hanford Site U. Complete the disposal/disposition of ~5 metric tons of UO ₂ source materials located in the 300 Area Fuels Supply Shutdown Facilities and source material located in 325 and 2718-E and complete the disposition of ~235 metric tons of uranium billets located in the 300 Area.	12/31/01	Complete
MX-92-06-T02	Complete the disposal/disposition of ~135 metric tons of un-irradiated contaminated fuel located in the 300 Area and 5 metric tons of misc U source material located in all 300 and 200 Area Fuel Supply Shutdown (FSS) Facilities, and complete the disposal/disposition of ~825 metric tons of un-irradiated fuel source materials located in the 300 Area FSS Facilities.	9/30/06	On Schedule
M-92-09	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 sodium	In Abeyance	Change Request
M-92-10	Submit Hanford Site Sodium Project Management Plan (PMP) to Ecology pursuant to Agreement Action Plan Section 11.5.	In Abeyance	Change Request

Milestone M-92-00 Interim Milestones and Target Dates (cont'd)

Milestone	Description	Target Date	Status
MX-92-11-T01	Complete disposition options for all Hanford non-radioactive sodium.	9/30/04	On schedule
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 SCW and materials.	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	Complete
M-92-14	Complete removal and transfer, and initiate storage of Phase I 300 Area SCW and materials. Phase I inventory will consist of, at minimum, one-third the total curie content of all 300 Area SCW.	9/30/02	Complete
M-92-15	Complete removal and transfer, and initiate storage of Phase II 300 Area SCW and materials. Phase II inventory will consist of, at minimum, half the remaining curie content of 300 Area SCW.	9/30/04	Complete
M-92-16	Complete removal and transfer and initiate storage of Phase III 300 Area SCW and materials.	9/30/06	On schedule

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 (SCW) inventory

■ **Safety - Excellent**

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

■ **Budget - Excellent**

- Key milestone M-92 activities are being completed within budget

Program Manager's Assessment (cont'd)

since last quarterly review

■ **Schedule - Good**

■ **MX-92-06-T02**

- Awaiting approval of Solid Waste EIS to complete disposition of 825 tons of uranium remaining in 300 Area

■ **M-92-09 and M-92-10**

- The U.S. Department of Energy announced on December 19, 2001 that the Fast Flux Test Facility (FFTF) will not be restarted, and the Department will proceed with facility deactivation

■ **MX-92-11-T01**

- Isolated the two large sodium vessels and the cold trap from the piping system with welded closures and left them under inert gas
- Began cutting up and packaging small diameter, sodium wetted piping in the 337B High Bay
- Visual inspection of the Composite Reactor Component Test Activity tank interior showed less sodium than was previously reported (estimated 2500 lbs vs. over 20,000 lbs). Inventory estimates have been adjusted accordingly

■ **M-92-16**

- The 327 facility continued collecting and packaging SCW comprised of metallurgical specimens removed from the Dry Storage Carrousel and Legacy Waste Buckets from hot cells.
- Continued to perform characterization of the 340 Tank Vaults

Significant Planned Actions

next three months

- M-92-09 and M-92-10
 - Due to the Secretarial decision on FFTF announced on December 19, 2001, DOE will issue within 120 days (April 18, 2002) of that announcement a draft Agreement Change control request for proposed revised dates to the M-92-09 and M-92-10 interim milestones
- MX-92-11-T01
 - Continue to dismantle small diameter piping and package for offsite shipment
 - Develop plan and engineering analyses for removing the large, sodium-filled cold trap and shipping it to an offsite treatment center
- M-92-16
 - Continue collecting and packaging SCW comprised of metallurgical specimens removed from the Dry Storage Carrousel and Legacy Waste Buckets from hot cells at the 327 Facility

Project Summary

- M-92-05: Milestone is covered in ORP Milestone Review
- MX-92-06-T02 (non-enforceable): On schedule
- M-92-09: Preparing change request
- M-92-10: Preparing change request
- MX-92-11-T01 (non-enforceable): On schedule
- M-92-15: Complete – letter of completion sent to Ecology on December 18, 2001
- M-92-16: On schedule

Richland Environmental Restoration Project

TPA Quarterly Review



Tri-Party Agreement

U.S. Department of Energy
U.S. Environmental Protection Agency
Washington State Department of Ecology

March 26, 2002

E0203017

ENVIRONMENTAL RESTORATION PROJECT

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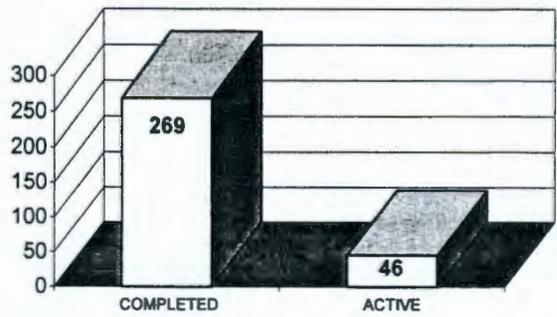
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ENVIRONMENTAL RESTORATION PROJECT

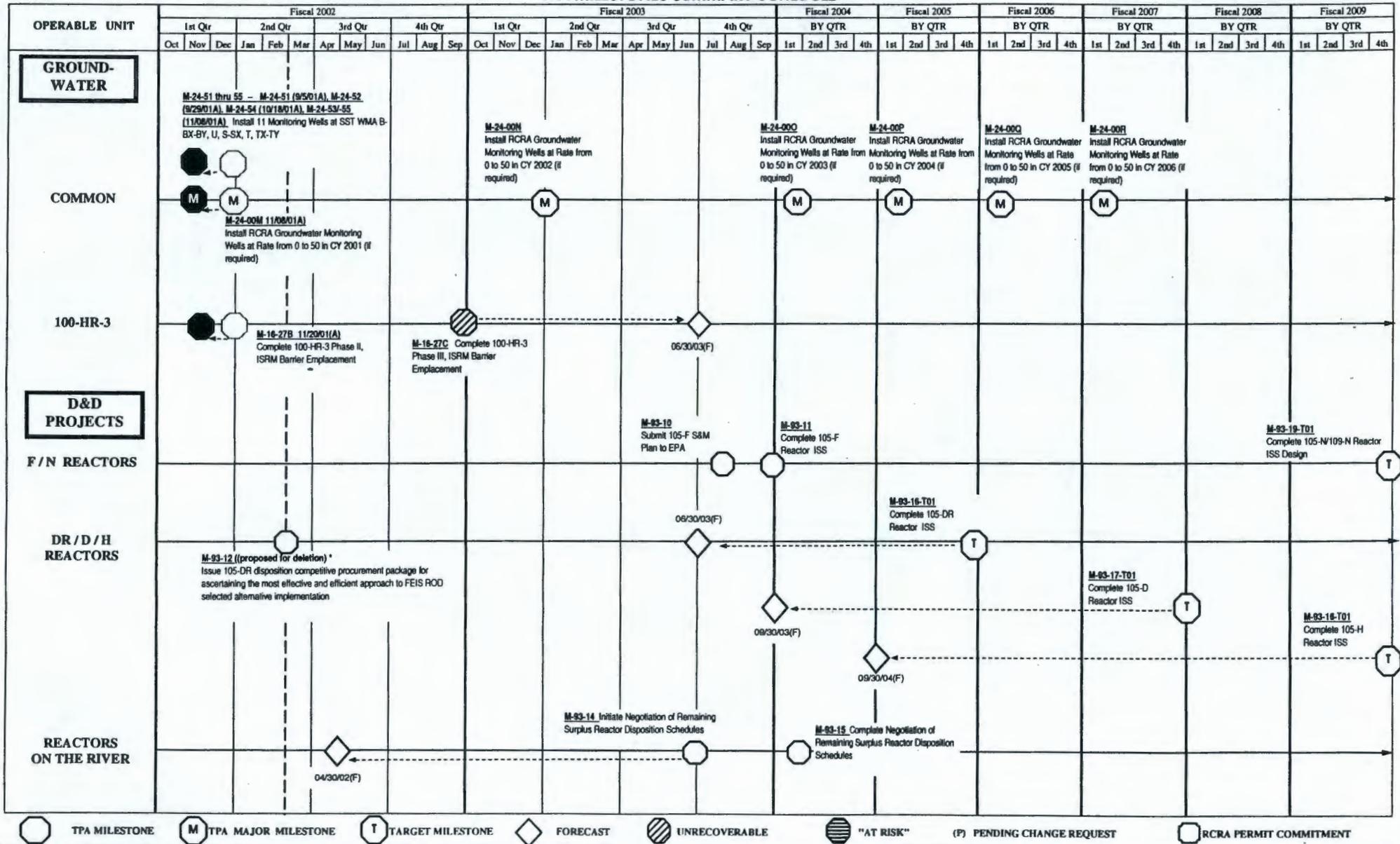
TPA Milestone Statistics Major & Interim (Excludes Target Milestones)



	Compliance Due Date	Total Active @ 02/2002	Milestone Number	Compliance Due Date	Milestone Number	Compliance Due Date
M-13-00 Submit Work Plans for RFI/CMS or RI/FS Studies (Central Plateau)	12/31/2005 (M-13-00P)	4	<i>M-13-26(C)</i> <i>M-13-00L(C)</i> M-13-00M M-13-00N M-13-00O M-13-00P	<i>12/31/01</i> <i>12/31/01</i> 12/31/02 12/31/03 12/31/04 12/31/05		
M-15-00 Site Investigations / Feasibility Studies (Central Plateau)	12/31/2008 (M-15-00)	13	M-15-40A M-15-42B M-15-41B M-15-38A M-15-40B M-15-39A M-15-41C M-15-42C	9/30/02 9/30/02 10/30/02 3/31/03 5/31/03 9/30/03 3/31/04 3/31/04	M-15-39B M-15-40C M-15-39C M-15-00C M-15-00	5/31/04 10/31/04 11/30/05 12/31/08 12/31/08
M-16-00 Remedial Design / Remedial Action (River Corridor / Central Plateau)	9/30/2018 (M-16-00)	13	<i>M-16-00F(C)*</i> <i>M-16-27B(C)</i> <i>M-16-26B(C)</i> <i>M-16-41B(C)</i> M-16-03A M-16-03G M-16-27C M-16-10A M-16-03H M-16-26E M-16-13B M-16-26F	<i>12/31/01</i> <i>12/31/01</i> <i>3/31/02</i> <i>3/31/02</i> 6/30/02 9/30/02 9/30/02 8/1/03 12/31/03 9/30/04 10/29/04 2/28/05	M-16-00 M-16-01 M-16-00A M-16-00B <i>M-16-41C(C)</i> M-16-03I	9/30/18 TBD TBD TBD <i>TBD</i> TBD
M-20-00 Submit Closure Plans for All RCRA TSD Units (Central Plateau)	(Shared with FH) 2/28/2004 (M-20-54)	5	M-20-39 M-20-33 M-20-52	2/28/03 10/31/03 12/31/03	M-20-53 M-20-54	12/31/03 2/28/04
M-24-00 RCRA Groundwater Monitoring (Central Plateau)	12/31/2006 (M-24-00R)	5	<i>M-24-53(C)</i> <i>M-24-54(C)</i> <i>M-24-55(C)</i> <i>M-24-00M(C)</i> M-24-00N M-24-00O	<i>12/31/01</i> <i>12/31/01</i> <i>12/31/01</i> <i>12/31/01</i> 12/31/02 12/31/03	M-24-00P M-24-00Q M-24-00R	12/31/04 12/31/05 12/31/06
M-70-00 ERDF Operational	7/01/1996(A) (M-70-00)	0				
M-93-00 Reactors on River Final Disposition (River Corridor)	TBD (M-93-00)	6	M-93-12** M-93-14 M-93-10	2/28/02 6/30/03 7/31/03	M-93-11 M-93-15 M-93-00	9/30/03 12/31/03 TBD
TOTAL ACTIVE MILESTONES		46	11 — MILESTONES COMPLETED IN FY02 (C)			

*M-16-00F - Completion letter will be transmitted upon River Corridor change package approval which is expected by 4/30/02.
 **M-93-12 - This milestone is proposed for deletion in the River Corridor draft change package.

Richland Environmental Restoration Project
TPA MILESTONES SUMMARY SCHEDULE



TPA MILESTONE
 TPA MAJOR MILESTONE
 TARGET MILESTONE
 FORECAST
 UNRECOVERABLE
 "AT RISK"
 (P) PENDING CHANGE REQUEST
 RCRA PERMIT COMMITMENT

M-93-06-T01 (TBD) Submit B Reactor S&M Plan for EPA Approval

* M-93-12 is proposed for deletion in draft change package expected for approval by April '02

**ENVIRONMENTAL RESTORATION PROJECT
FY 2002 TPA MILESTONE SUMMARY
(Excludes Target Milestones)**

Status as of: February 28, 2002

PBS	Milestone	Title	Compliance Date	Forecast/ Actual Date	Completed		Forecast			Unrecov erable	Proposed To Be Deleted
					Ahead Schedule	On Schedule	Ahead Schedule	On Schedule	Behind Schedule		
RC01	M-16-00F*	Establish Date for Completion of All 100 Area Remedial Actions	12/31/2001	12/31/2001(A)		X					
RC01	M-16-27B	Complete 100-HR-3 Phase II, ISRM Barrier Emplacement	12/31/2001	11/20/2001(A)	X						
CP01	M-13-26	Submit Plutonium/Organic-Rich Process Waste Group (200-PW-1) Work Plan	12/31/2001	12/26/2001(A)	X						
CP01	M-13-00L	Submit 3 200 NPL RI/FS (RFI/CMS) Work Plans	12/31/2001	12/26/2001(A)	X						
SS03	M-24-53	Install Two (2) Additional Wells at SST WMA TX-TY	12/31/2001	11/08/2001(A)	X						
SS03	M-24-54	Install One (1) Additional Well at SST WMA T	12/31/2001	10/18/2001(A)	X						
SS03	M-24-55	Install Two (2) Additional Wells at SST WMA S-SX	12/31/2001	11/08/2001(A)	X						
SS03	M-24-00M	Install RCRA Groundwater Monitoring Wells at Rate of Up to 50 in Calendar Year 2001 if Required	12/31/2001	11/08/2001(A)	X						
RC01	C-10-11	Issue Hanford Site Waste Management Unit Report	01/31/2002	01/21/2002(A)	(TPA commitment milestone not included in total count)						
RS02	M-93-12*	Issue 105-DR Disposition Competitive Procurement Package for Ascertaining the Most Effective and Efficient Approach to FEIS ROD Selected Alternative Implementation	02/28/2002								X
RC01	M-16-26B	Complete Remediation and Backfill of 51 Liquid Waste Sites in 100-BC-1, -BC-2, -DR-1, -DR-2, and -HR-1 OUs and Process Effluent Pipelines in 100-DR-1, -DR-2, and -HR-1 OUs. Complete Revegetation of 36 Liquid Waste Sites in 100-BC-1, -DR-1, -DR-2, and -HR-1 OUs as Defined in RDR/RAWP for 100 Area	03/31/2002	12/11/2001(A)	X						
RC01	M-16-41B	Submit Closeout Verification Package for JA Jones 1 and 600-23 Waste Sites for EPA Approval	03/31/2002	11/30/2001(A)	X						
RC02	M-16-03A	Establish Date for Completion of 300 Area Remedial Actions	06/30/2002	04/30/2002			X				
RC02	M-16-03G	Establish an ERDF Staging Area that is Ready to Receive Drummed Waste from 618-4 Burial Ground in Accordance with an ERDF ROD Amendment	09/30/2002	04/05/2002			X				
CP01	M-15-40A**	Complete U Pond/Z Ditches Cooling Water Group Field Work Through Sample Collection and Analysis (200-CW-5)	09/30/2002								X
CP01	M-15-42B**	Submit 200-TW-2 OU Draft A Remedial Investigation Report to Ecology	09/30/2002								X
RC01	M-16-27C***	Complete 100-HR-3 Phase III, ISRM Barrier Emplacement	09/30/2002	06/30/2003						X	
RC01	M-16-41C	Complete Backfill and Regrading of JA Jones and 600-23 Waste Sites. Revegetation will occur during the following planting season.	TBD	12/14/2001(A)	X						
TOTAL FY 2002 TPA Milestones			17		10	1	2	0	0	1	3

* Tri-Parties reached tentative agreement on River Corridor negotiations on 12/31/01; change package approval is expected by 4/30/02. M-16-00F completion letter will be transmitted and M-93-12 will be deleted upon change package approval.

** M-15-40A and M-15-42B are proposed for deletion in the Central Plateau draft change packages, which are expected to be approved by 6/05/02.

*** M-16-27C - Regulators have agreed to extend milestone date to 6/30/03. A change request is being prepared.

ENVIRONMENTAL RESTORATION PROJECT

FY02 ERC PBS Performance Summary FYTD February 2002 (\$K)

	FY02 DWP CURRENT		FYTD			YTD SCHEDULE VARIANCE		YTD COST VARIANCE		EAC
	BCWS	BCWS ↓	BCWS	BCWP	ACWP	\$	%	\$	%	
RC01	68,776	69,964	29,878	27,243	27,163	-2,635	-8.8%	80	0.3%	69,813
RC02	9,444	10,614	2,636	2,352	2,188	-284	-10.8%	164	7.0%	10,622
RC05	24,259	27,128	10,191	10,040	9,856	-151	-1.5%	184	1.8%	27,360
RCR-Subtotal	102,479	107,706	42,705	39,635	39,207	-3,070	-7.2%	428	1.1%	107,795
CP01	32,663	26,309	12,974	12,492	12,066	-482	-3.7%	426	3.4%	25,444
CPT-Subtotal	32,663	26,309	12,974	12,492	12,066	-482	-3.7%	426	3.4%	25,444
SS03	17,141	12,321	6,649	6,536	6,341	-113	-1.7%	195	3.0%	12,223
SS04	3,382	7,900	3,495	3,378	3,352	-117	-3.3%	26	0.8%	7,911
SI&I-Subtotal	20,523	20,221	10,144	9,914	9,693	-230	-2.3%	221	2.2%	20,134
SC01	71	79	12	11	9	-1	-8.3%	2	18.2%	78
SS-Subtotal	71	79	12	11	9	-1	-8.3%	2	18.2%	78
ERC TOTAL	155,736	154,315	65,835	62,052	60,975	-3,783	-5.7%	1,077	1.7%	153,451

Schedule Variance Summary:

Through February, the ER Project is \$3.8M (-5.7%) behind schedule. The negative schedule variance is attributed to late arrival of reactor interim safe storage (ISS) excavator, delay of subcontractor key document submittals for DR Reactor safe storage enclosure (SSE) roof demolition, and higher-than-expected radiation readings at the F Reactor fuel storage basin (FSB). Recovery schedules for DR and F Reactor work have been implemented. Full recovery is expected by fiscal year-end.

Cost Variance Summary:

At the end of February, the ER Project had performed \$62.1M worth of work, at a cost of \$61.0M. This results in a favorable cost variance of \$1.1M (+1.7%). The positive cost variance is attributed to lower labor and sampling costs at 100 F and 100 B/C remediation sites and the 200 Area groundwater assessment efforts.

RIVER CORRIDOR

ERC RIVER CORRIDOR TPA CHANGE REQUESTS (December 2001 - February 2002)

There were no ERC River Corridor change requests approved during December 2001 - February 2002.

Proposed ERC River Corridor TPA Change Requests

M-16-01-05
100 Area
Remedial Actions
Proposed

This proposed change request establishes a date for completion of all 100 Area interim remedial actions as required by M-16-00F and modifies M-16-00A milestone description. Additionally, it aligns the M-16 series milestones for completion of 100 Area remedial actions by 2012. Public comment period for this change request began January 28, 2002 through March 14, 2002. Change request approval is expected by April 30, 2002.

M-16-01-06
300 Area
Remedial Actions
Proposed

This proposed change request establishes a date for completion of all 300 Area interim remedial actions as required by M-16-03A and modifies the M-16-00B milestone description. Public comment period for this change request began January 28, 2002 through March 14, 2002. Change request approval is expected by April 30, 2002.

M-93-01-02
100 Area
Surplus Reactors
Proposed

This proposed change request provides the overall framework for disposition of the 100 Area surplus reactors. A series of milestones are proposed for the interim safe storage (ISS) and associated activities for 8 of the 9 surplus reactors. This change aligns the M-93 milestones with the objective for reactor ISS to be completed by 2012. Public comment period for this change request began January 28, 2002 through March 14, 2002. Change request approval is expected by April 30, 2002.

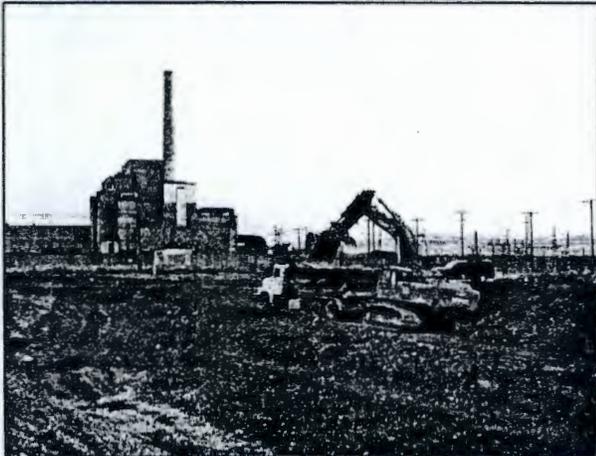
M-94-01-01
300 Area
Surplus Facilities
Proposed

This proposed change request provides the overall framework for disposition of the 300 Area surplus facilities. This change aligns the M-94 milestones with the objective for 300 Area surplus facility disposition to be completed by 2018. Public comment period for this change request began January 28, 2002 through March 14, 2002. Change request approval is expected by April 30, 2002.

ERC RIVER CORRIDOR PROJECT ACCOMPLISHMENTS

Remedial Action (M-16-26B, M-16-41C)

Soil excavation and pipe reduction/removal activities were completed on five pipelines in the 100 B/C Area during December. During February, plume excavation continued on pipelines 3 and 4, completing 14,000 tons of the estimated 15,000 tons. Clean overburden removal, pipe shearing, and loadout activities also progressed in the 100 B/C pipeline remediation.



Loadout of Contaminated Plumes with B Reactor in the Background

Plume excavations continued in the 100 F Area. Excavation also continued at the 126-F-1 ash pit. A noncontaminated section of the ash pit is being stockpiled as overburden. This could result in a waste minimization of approximately 6,500 tons. Closeout sampling was completed for the 100-F-2 strontium garden and 100-F-15 french drain waste sites.

Revegetation activities were completed at the J.A. Jones and 600-23 sites on December 14, satisfying completion of TPA Milestone M-16-41C (due TBD).



Demolition and size reduction at 116-N-1

Revegetation of excavated waste sites was completed in 100 H Area on December 11, nearly four months ahead of schedule, satisfying completion of TPA Milestone M-16-26B (due 3/31/02).

In the 100 N Area, excavation of the last identified plume encountered around the 116-N-3 crib was completed in February. Excavation and loadout activities at the 116-N-1 trench will be the primary focus through May. The shielding berms constructed around the 116-N-1 trench have proven to be a very effective ALARA practice, as exposure rates are approximately 30% of the planned rates.

A contract was awarded on January 23 for remediation of the 618-4 and 618-5 Burial Grounds. The formal readiness assessment meeting is scheduled for March 26.

The regulators approved the SAP for the 300 Area uranium leach/Kd study, Rev. 2 on January 22. The SAP revision documents the changes to optimize FY02 laboratory testing based on a technical peer review of the FY01 preliminary laboratory results.



Cutting 60-inch Diameter Pipe Adjacent to F Avenue

A 233-S waste package (Box 39) was reassayed that had been retrieved from ERDF due to suspect characterization data. Results indicated no transuranic or high-level wastes were present. However, because the NDA results were very close to the ERDF acceptance limit, a conservative decision was made to bury Box 39 in the Low Level Burial Ground rather than rebury it in ERDF. Since this was the worst-case package, the other six suspect 233-S waste packages that were disposed in ERDF will remain in place.

A second INEEL team visited ERDF to observe and discuss subcontracting strategies and operating procedures in preparation for the construction and operation of their on-site CERCLA disposal facility. Information gathered from these visits is expected

ERC RIVER CORRIDOR PROJECT ACCOMPLISHMENTS

to result in considerable savings in construction and operation costs.

Through February, 249,645 tons of waste were disposed in ERDF during FY02, which is about 3% behind the plan. Since ERDF began operations in July 1996, a total of 3,402,946 tons of waste have been disposed in ERDF.

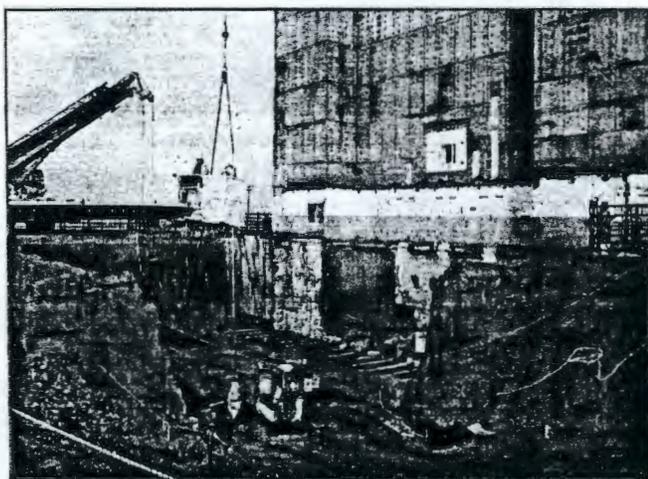
ERDF Transportation Team has driven 5.8 million miles without an at-fault accident, and ERDF Disposal personnel has worked almost 6 years (70 months) without a lost-time accident.

Reactor ISS

A readiness review meeting was conducted with the DR Reactor safe storage enclosure (SSE) subcontractor. SSE demolition activities began on January 29.

Pipe cuts were completed in several areas at D Reactor during December. Demolition activities resumed on January 21 after repairs were completed on the heavy equipment. Below-grade demolition was completed in Area 3 (fan rooms/exhaust plenum areas) in February.

Another potential spent fuel element was identified in F Reactor fuel storage basin (FSB) during January (11 elements found to date). The element is being stored in the FSB holding container pending transfer to K Basin. During February, demolition of the FSB south wall was completed. Soil was also removed outside of the transfer pit area in preparation for demolition.



F Reactor Fuel Storage Basin Cleanout

At H Reactor, demolition was completed in Area 3 (control room/lunch room areas) during February. Transport of water from the H Reactor FSB transfer pits to the holding tanks was completed. This material was then pumped into an ETF tanker. A

total of 15 loads were delivered to ETF, which equates to approximately 80,000 gallons.

Surveillance and Maintenance

Draft A of the B Reactor Hazards Mitigation RAWP was issued for RL and regulator review. The B Reactor Hazards Mitigation Action Memorandum was also issued.

Groundwater Remediation (M-16-27C)

The 100-KR-4 groundwater pump and treat upgrade injection well was completed in January. Extraction well installation was completed in February in support of the CERCLA five-year upgrades. System upgrades were also performed on the 100-HR-3 and 100-KR-4 groundwater units.



Phase III ISRM Well Drilling and Installation Activities

Drilling was initiated for the In Situ Redox Manipulation (ISRM) Phase III barrier wells in December. Nine wells have been installed through February. A total of 17 wells are planned for installation. The subcontract for mitigation soil sampling/well installation borehole was also awarded in February. The regulators agreed to extend ISRM Phase III TPA Milestone M-16-27C (due September 30, 2002) to June 30, 2003. The extension will allow for further evaluation of barrier effectiveness in capturing hexavalent chromium, plume concentration and mitigation anomalies, and changing aquifer conditions encountered during construction. The Explanation of Significant Difference (ESD) and change request are being prepared.

The three groundwater pump and treat systems (100-HR-3, 100-KR-4, 100-NR-2) operated above the planned 90% availability. Since system inception, these three pump and treat systems have processed over 3 billion liters of groundwater, removing approximately 287 kilograms of chromium and 1.2 curies of strontium.

ERC RIVER CORRIDOR ISSUES

- **100 N Area Remediation Completion Date:** The RCRA Permit and Record of Decision for the 100-NR-1 TSD sites state that Certification of Closure will be achieved approximately three years after commencement of remedial actions (July 2003). The extent of plumes excavated from the 116-N-3 site and the anticipated plumes identified at the 116-N-1 site indicate that Certification of Closure will not be completed until FY 2004.

Strategy/Status: Discussions were initiated with the regulators regarding the need for a modification to the RCRA Permit schedule. The discussions resulted in guidance from the regulators to monitor the progress of the work and not initiate a modification to the RCRA Permit unless excavation and backfilling could not be accomplished by the end of calendar year 2003.

CENTRAL PLATEAU

ERC CENTRAL PLATEAU TPA CHANGE REQUESTS (December 2001 - February 2002)

There were no ERC Central Plateau change requests approved during December 2001 - February 2002.

Proposed ERC Central Plateau TPA Change Requests

M-13-02-01
200 Area
M-13 Work Plans
Proposed

For the 200 Area remediation activities, a streamlining of the RI/FS process is being proposed in an effort to establish a remedial decision framework at the major waste category level instead of the individual OU level. This proposed change request accelerates the timetable to complete delivery of remaining work plans and also reflects fewer work plans to cover the same scope. This change request is undergoing public comment review which ends April 12, 2002. Change request approval is expected by June 5, 2002.

M-15-02-01
200 Area
M-15 RI/FS Studies
Proposed

For the 200 Area remediation activities, a streamlining of the RI/FS process is being proposed in an effort to establish a remedial decision framework at the major waste category level instead of the individual OU level. This proposed change request maintains the same timetable to complete RI/FS studies. Changes include establishing two milestones that support the 200-PW-2 OU RI/FS and one milestone to submit a Proposed Plan for remediation at a high-risk waste site. Other changes also include clarifications, consolidation, and deletions of some existing TPA milestones/target dates. This change request is undergoing public comment review which ends April 12, 2002. Change request approval is expected by June 5, 2002.

M-20-02-01
200 Area
M-20 Closure Plans
Proposed

This proposed change request extends closure plan submittal dates to coincide with feasibility study completion dates. This change request is undergoing public comment review which ends April 12, 2002. Change request approval is expected by June 5, 2002.

M-16-02-01
200 Area
Non-Tank Farm RA
Proposed

This proposed change request modifies the M-16-00 description and extends the non-tank farm remedial action completion date to coincide with single-shell tank farm closure (M-45-00). This change request is undergoing public comment review which ends April 12, 2002. Change request approval is expected by June 5, 2002.

Proposed ERC Central Plateau TPA Change Requests (cont'd)

M-15-01-03*
200-LW-1
RI/FS Studies
Proposed

This change request proposes adding three interim milestones to implement additional activities for the 200-LW-1 Operable Unit Remedial Investigation/Feasibility Study process:

M-15-45A (09/30/04) - Complete 200-LW-1 OU Field Work Through Sample Collection

M-15-45B (10/31/05) - Submit 200-LW-1 OU Draft A Remedial Investigation Report to Ecology

M-15-45C (09/30/06) - Submit 200-LW-1 OU Draft A Feasibility Study and Draft A Proposed Plan/Proposed Permit Modification to Ecology

M-15-01-04*
200-MW-1
RI/FS Studies
Proposed

This change request proposes adding three interim milestones to implement additional activities for the 200-MW-1 Operable Unit Remedial Investigation/Feasibility Study process:

M-15-44A (09/30/04) - Complete 200-MW-1 OU Field Work Through Sample Collection

M-15-44B (12/31/05) - Submit 200-MW-1 OU Draft A Remedial Investigation Report to EPA

M-15-44C (12/31/06) - Submit 200-MW-1 OU Draft A Feasibility Study and Draft A Proposed Plan to EPA

M-15-01-05*
200-PW-1
RI/FS Studies
Proposed

This change request proposes adding three interim milestones to implement additional activities for the 200-PW-1 Operable Unit Remedial Investigation/Feasibility Study process:

M-15-46A (06/30/04) - Complete 200-PW-1 OU Field Work Through Sample Collection

M-15-46B (06/30/05) - Submit 200-PW-1 OU Draft A Remedial Investigation Report to EPA

M-15-46C (03/31/06) - Submit 200-PW-1 OU Draft A Feasibility Study and Draft A Proposed Plan to EPA

* These proposed milestones will be modified and resubmitted to align with similar change requests proposed during Central Plateau TPA negotiations.

ERC CENTRAL PLATEAU PROJECT ACCOMPLISHMENTS

General

Rebaselining of the ERC Projects was completed to align with RL approved funding guidance and to support transition to Fluor Hanford on June 30.

200 Area Remediation (M-13-00L, M-13-26)

Three Draft A RI/FS work plans (200-PW-1, 200-LW-1, 200-MW-1) were transmitted to the regulators on December 26, satisfying TPA Milestones M-13-00L and M-13-26 (due 12/31/01).

In February, passive neutron logging was completed for geoprobe locations at the 216-Z-11 ditch and 200-CW-5 U pond/Z ditches cooling water waste groups.



Sampling Activities in the 200 Area

Soil samples were also collected from the B-38 trench for the Office of River Protection (ORP).

Groundwater Remediation

200-UP-1 remediation system upgrades were completed in December. A second extraction well was successfully tied into the remediation system and is now operational.

During January, well drilling was completed at PFP to a total depth of 287.5 feet in support of the carbon tetrachloride investigation.

The two Central Plateau groundwater pump and treat systems (200-UP-1, 200-ZP-1) continued operation above the planned 90% availability. Since system inception, these two pump and treat systems have processed approximately 2.3 billion liters of groundwater. To date, approximately 6,275 kilograms of carbon tetrachloride have been removed by 200-ZP-1.

The operating plan to begin FY02 operations of the soil vapor extraction system in April was approved.

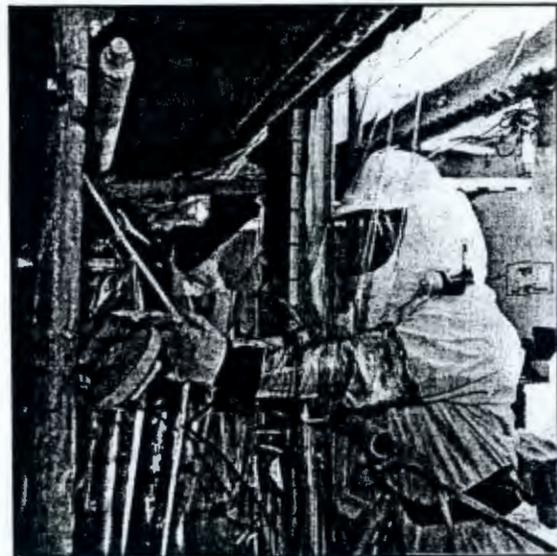
Groundwater/Vadose Zone Integration

Testing was initiated on the new System Analysis Capability (SAC) processors and analysis workstations that will be used to perform assessments. This system will greatly reduce the time required to perform calculations for probabilistic assessments.

The first groundwater monitoring strategy technical meeting was held to update site-wide groundwater strategy as recommended by the Hanford Cleanup Constraints and Challenges Team (C3T) process.

During February, an Expert Panel reformatting workshop was held with RL, HQ, ORP, panel chairman, and project staff to realign the panel with the current project baseline.

Numerous GW/VZ SAC and Science and Technology (S&T) meetings and workshops were conducted during the past three months. Topics included: SAC initial assessment results, S&T progress and plans for FY02, updating the existing technical elements in the S&T Roadmap, and soil and groundwater remediation. Participants included other national laboratories, Hanford Site contractors, RL, regulators, tribal nations, and stakeholders.



Vessel Removal at 233-S

233-S Plutonium Concentration Facility

Through February, 13 vessels have been removed out of the 15 total vessels planned for removal by June 30. Removal of the remaining two vessels is planned to be completed in March.

Approximately 1,400 feet of miscellaneous piping were removed from the process hood during

ERC CENTRAL PLATEAU PROJECT ACCOMPLISHMENTS

December, January, and February. This compares to approximately 1,600 feet of miscellaneous piping removed during all of FY01.



Employing Work Securing Devices at 233-S

Fourteen (14) drums of transuranic waste were shipped to the Central Waste Complex in February.

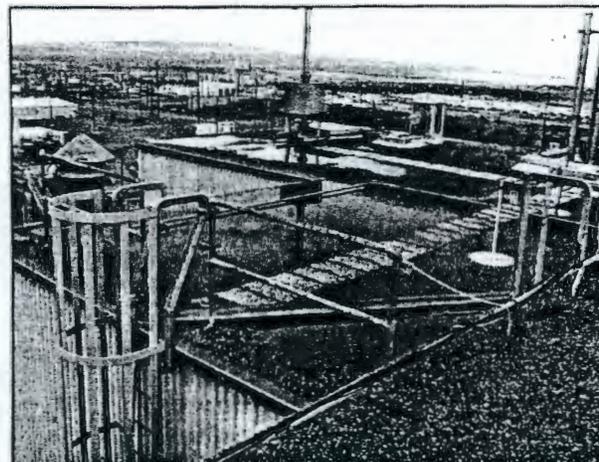
The 233-S Project has received authorization and additional funding from RL to initiate process cell structural steel removal in the third quarter of FY02 (accelerated from the fourth quarter).

Surveillance and Maintenance

Field work was completed for the U Plant railroad cut Radiation Area Remedial Action (RARA) interim stabilization. Approximately 3.5 acres were downposted from a contamination area (CA) to an underground radioactive material (URM) area.

Interim stabilization work was completed at the 211-U tank farm area during February.

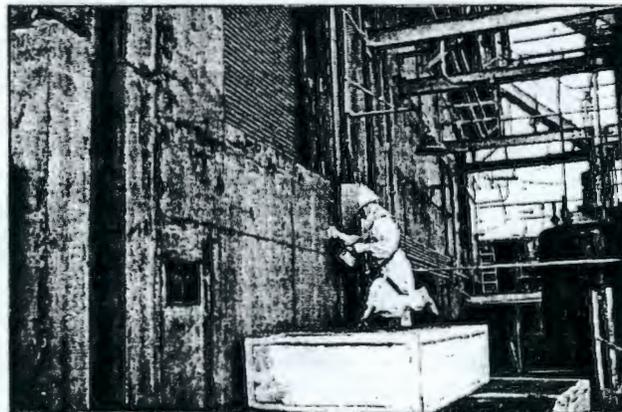
The PUREX semi-annual roof inspection was completed in December; water infiltration monitoring will continue. There is a general increase in contamination spread within the canyon due to continued water leakage. An evaluation was also completed in January that determined inadequacies in the current PUREX Safety Basis document. Surveillance of contamination indicates a continuing trend upward that will exceed the analyzed levels as shown in the Safety Basis document within a 3-5 year range.



Standing Water on PUREX Roof

Regulator approval was received in December to reduce surveillance frequency from quarterly to annually for the REDOX, UO_3 (224-U Building), B Plant, and U Plant facilities.

Approval was received from Ecology to grout-fill the hexone tanks located in the 200 Area. The Notice of Construction (NOC) for hexone interim stabilization work was transmitted to the Washington Department of Health.



RCT Survey Scan for Rebar at 276-U

EPA approved the removal of the REDOX diesel generator from service. The generator will be relocated to the Waste Treatment Plant Project.

EPA comments were received for incorporation into the Canyon Disposition Initiative (CDI) proposed plan. CDI was also nominated for the Project Management Institute 2002 Project of the Year award.

Mobilization was completed for the accelerated 200 Area asbestos removal project.

ERC CENTRAL PLATEAU ISSUES

There are no ERC Central Plateau issues at this time.