0060003

Meeting Minutes
Tri-Party Agreement Milestone Review
June 24, 2003

Approval: _____ Date: 7/22/03
Michael A. Wilson (B5-18)
Ecology IAMIT Representative

Approval: Joel Hebdon for WWB Date: 7/22/03
W. Wade. Ballard (A5-12)
RL IAMIT Representative, Chairman

Approval: N/A Date: _____
Jim E. Rasmussen (H6-60)
ORP IAMIT Representative

Approval: _____ Date: 7/28/03
Nick Ceto (B5-01)
EPA IAMIT Representative

Minutes Prepared by:

Approval: _____ Date: 7/22/03
Eileen Murphy-Fitch (A4-25)
Fluor Hanford, Inc.

Aromi, E. S.	CHG	H6-63	Piippo, R. E.	FH	A4-25
Bartus, D.	EPA	B5-58	Rodriguez, H. M.	RL	A5-15
Berg, G. M.	FH	H7-27	Russell, W.	ORP	H6-60
Bilson, H. E.	RL	A3-04	Sands, J. P.	RL	A3-04
Buxbaum, M.	FH	B3-53	Schepens, R. J.	RL	H6-60
Cusack, L.	Ecology	B5-18*	Skinnarland, E. R.	Ecology	B5-18
Dagan, E. B.	RL	A5-15	Sobczyk, S.	NezPerce	
Erickson, T.	FH	L1-02	Stanley, R.	Ecology	Lacey*
Gay, R.	CTUIR		VanLeuven, D. B.	FH	H5-20
Goodenough, J.	RL	A3-04	Vu, D.	FH	L1-05*
Hebdon, J. B.	RL	A5-58	Walsh, J. L.	BHI	H0-11
Henry, G.	OOE		Wilson, M. A.	Ecology	B5-18
Hertzel, J. S.	FH	A4-25	Wintczak, T. M.	BHI	H0-09
Hughes, M. C.	BHI	H0-04			
Jim, R.	Yakama*		Administrative Record	EDMC	H6-08*
LaRue, D. N.	BHI	H0-11	*w/Attachments		
Mattlin, E. M.	RL	A5-15*			
Morrison, R. D.	FH	A4-25*			
Niles, K. S.	OOE				

RECEIVED
AUG 07 2003
EDMC

FFTF Transition (Tri-Party Agreement Milestone M-081)

The Tri-Party Agreement Change Request reestablishing Tri-Party Agreement milestones and target dates for FFTF deactivation was approved in May 2003. Approval was received to begin fuel offload activities. Planning and preparations are underway to transfer the unirradiated fuel to PFP. Sodium drain from the secondary sodium loops to the Sodium Storage Facility was initiated on April 7, 2003 and the drain of the secondary loops was completed on April 16, 2003. A procedural closure request was submitted to Ecology in accordance with Tri-Party Agreement Milestone M-020-29B.

Development of the FFTF lifecycle rebase line will be completed using a project funding profile of $43.8 million in FY 2004 and $46.1 million annually thereafter. Project is on schedule to meet all milestones agreed to by the parties in May 2003.

No significant issues/concerns resulting in follow-on activities were identified during the presentation.

324 Building Closure of Mixed Waste (MW) Units (Tri-Party Agreement Milestone M-089)

Start: 10:21 a.m.
End: 10:26 a.m.

The 324 Facility has transitioned to minimum operations and continued preventive/corrective maintenance and surveillance activities consistent with facility safety basis requirements. Work will continue to complete design and initiate fabrication of the 324 Building Radiochemical Engineering Cells Liquid Waste Handling System (LWHS) skid for future cell decontamination activities. The LWHS is the only work that will continue for the 324 Facility; workscope is contingent on award of the RCP contract. Closure activities continue within budget and on schedule.

No significant issues/concerns resulting in follow-on action were identified during the presentation. Presentation attached.

Facilities for Cs/Sr, Sodium and SCW (River Corridor Project portion of Tri-Party Agreement Milestone M-092)

No further SCW packaging/shipping activities are planned at the 327 Building until after the new River Corridor Contract is in place. All 300 Area SCW was removed from the 324 and 325 Buildings. Only the 327 and 340 Buildings SCW remain in the 300 Area.

No significant issue/concerns resulting in follow-on action were identified during the presentation. Presentation attached.

Disposition of the 300 Area Surplus Facilities (Tri-Party Agreement Milestone M-094)

As noted in the RCP presentation, Tri-Party Agreement Interim Milestone M-094-01, *Submit a Schedule and Tri-Party Agreement Change Request to Complete Disposition of the Following Surplus Facilities: 300M, 332, 333, 334, 334A, 3221, 3222, 3223, 3224, 3225, 324, 324B, 327*, due November 30, 2003 is in jeopardy. Completion of this milestone is contingent on the award of the RCP contract. Discussions continue between RL and the regulators on alternative approaches to meet these milestones.

No significant issue/concerns resulting in follow-on action were identified during the presentation. Presentation attached.

Tri-Party Agreement Milestone Review - River Corridor Project
EPA Conference Room
712 Swift Blvd., Richland, Washington
June 24, 2003

Time:		10:00 am - 11:00 am
10:00 a.m.	M-16-00	Complete Remedial Actions
	M-93-00	Disposition of Surplus Reactors
10:20 a.m.	M-81-00	Fast Flux Test Facility Transition
10:30 a.m.	M-89-00	324 Bldg. Closure of MW Units
	M-92-00	Facilities for Sodium and Special Case Waste (RC Milestones Only)
	M-94-00	300 Area Surplus Facilities
11:00 a.m.	Adjourn Milestone Review	

ATTENDEES
River Corridor
Tri-Party Agreement Milestone Review
June 24, 2003

NAME	ORGANIZATION	MAILSTOP	ATTACHMENTS
Kevin D. Bazzell	DOE-RL	A3-04	
Doug Chapin	DOE-RL/FAF Division	A3-04	
Tom Wintczak	BHI	H0.11	
AL Farabee	DOE	A3 04	
Craig Cameron	EPA	B501	
Dennis Faulk	EPA		
Nick Ceto	EPA		
David E. Rasmussen	FH/CP/Env.	L1-04	
JANE HEDGES	Ecology		
Melinda J Brown	Ecology	B8-15	✓
Jeff Ayres	Ecology		
DEENA LaRue	BHI		
Ellen Dagan	DOE/RCA	A5-15	
DEANNA HENRY	OREGON ENERGY		
Dave Templeton	DOE-RL	A3-04	
Jeanne Wallace	Ecology		
Paul Hibbler	RL-RCA		
John Price	Ecology		
Lauren Cusack	Ecology		✓
Jeanne Wallace	Ecology	B5-18	✓
ROB BIBBO	FH/RCA		✓

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

June 24, 2003

E0306071

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- River Corridor Project Accomplishments
- River Corridor Issues
- River Corridor FY03 PBS Performance Summary

INTEGRATION ISSUES

ENVIRONMENTAL RESTORATION PROJECT

RIVER CORRIDOR
FY 2003 TPA MILESTONE SUMMARY
(Major & Interim Milestones)

Status as of: May 31, 2003

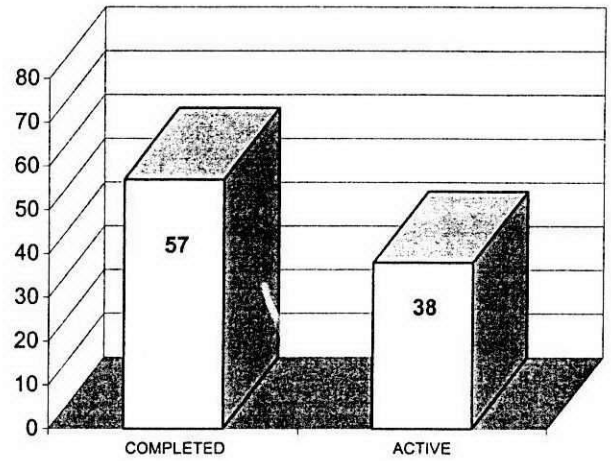
PBS	Milestone	Title	Compliance Date	Forecast/ Actual Date	Completed		Forecast			Unrecoverable	Deleted
					Ahead Schedule	On Schedule	Ahead Schedule	On Schedule	Behind Schedule		
RC01	M-16-10A	Initiate Remedial Action in the 100-KR-1 Operable Unit	08/01/2003	12/11/2002 (A)	X						
RC01	M-93-16	Complete 105-DR Reactor Interim Safe Storage	09/30/2003	01/29/2003 (A)	X						
RC01	M-16-13B	Complete Remediation and Backfill of 16 Liquid Waste Sites and Process Effluent Pipelines in the 100-FR-1 and 100-FR-2 Operable Units as Defined in Remedial Design Report/Remedial Action Work Plan for the 100 Area	10/29/2004	05/20/2003 (A)	X						
Total FY 2003 ER River Corridor TPA Milestones			3		3	0	0	0	0	0	0

RIVER CORRIDOR
FY 2004 TPA MILESTONE SUMMARY
(Major & Interim Milestones)

PBS	Milestone	Title	Compliance Date	Forecast/ Actual Date	Completed		Forecast			At Risk	Deleted
					Ahead Schedule	On Schedule	Ahead Schedule	On Schedule	Behind Schedule		
RC02	M-16-63*	Submit a Schedule and TPA Milestones to Complete Interim Remedial Actions for the Following 300-FF-2 Waste Sites (300-259, 303-M SA, 303-M UOF, UPR-300-46, UPR-300-17, and 618-1) and Confirmatory Sampling of the Following 300-FF-2 Candidate Sites (300-109, 300-110, and 333 ESHWSA)	11/30/2003							X	
RC02	M-94-01*	Submit a Schedule and TPA Milestones to Complete Disposition of the Following Surplus Facilities: 303M, 332, 333, 334, 334A, 3221, 3222, 3223, 3224, 3225, 324, 324B, 327	11/30/2003							X	
RC02	M-16-03H	Complete Remediation of Waste Sites in 300-FF-1 Operable Unit to Include Excavation, Verification, and Regrading, Including the 618-4 Burial Ground in Accordance with an Approved RDR/RAWP	06/30/2004					X			
RC01	M-16-26E	Complete Excavation and Removal of 100 B/C Process Effluent Pipelines	09/30/2004					X			
RC01	M-93-11	Complete 105-F Reactor Interim Safe Storage	09/30/2004	12/31/2003			X				
Total FY 2004 ER River Corridor TPA Milestones			5		0	0	1	2	0	2	0

* RL is working with regulators to discuss potential impacts/options.

River Corridor
TPA Milestone Statistics
(Major & Interim Milestones)

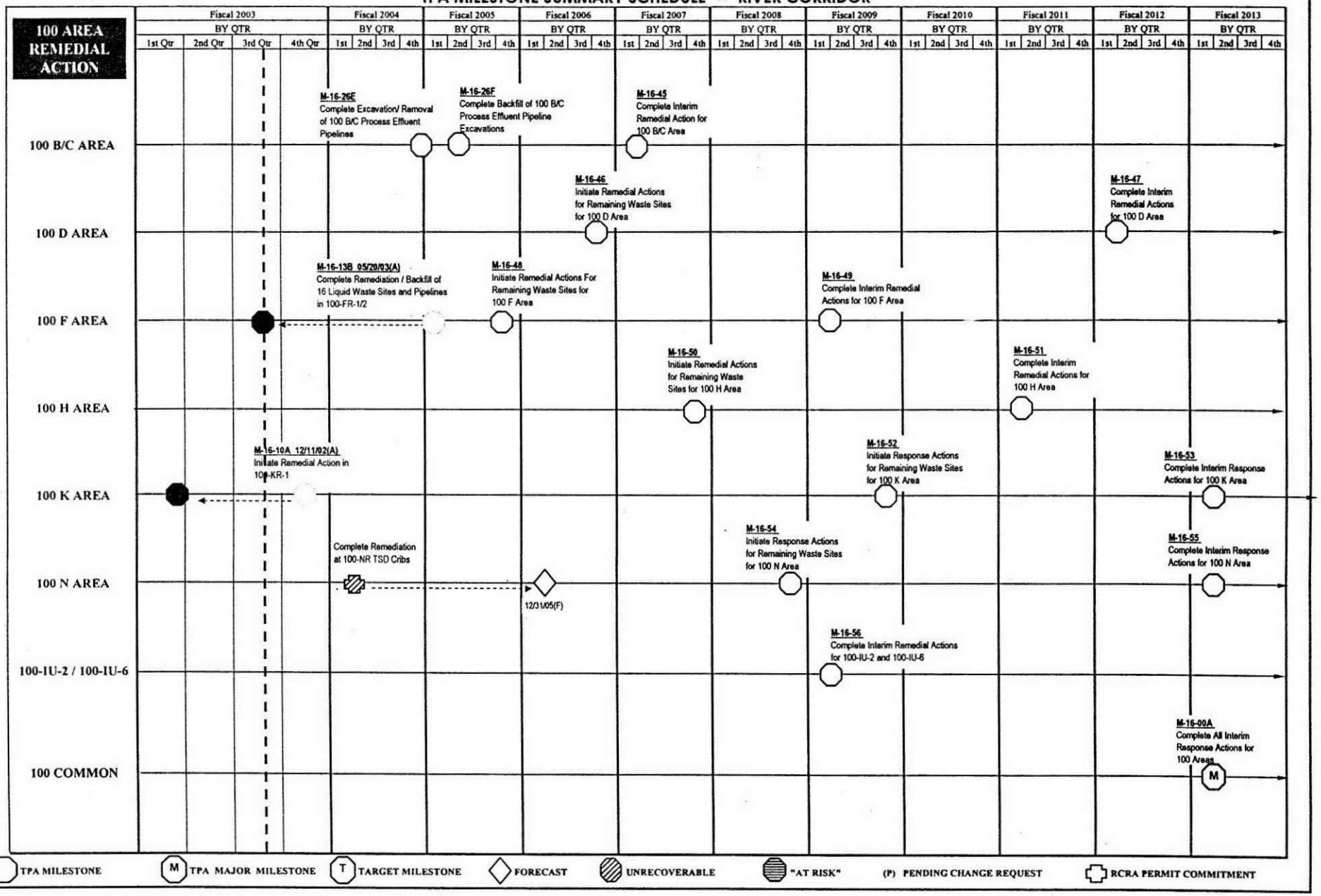


	Compliance Due Date	Total Active @ 05/2003	Milestone Number	Compliance Due Date	Milestone Number	Compliance Due Date
M-16-00 Remedial Design / Remedial Action	**9/30/2018** (M-16-00B)	**24**	*M-16-10A (C)*	*08/01/03*	M-16-49	12/31/08
			M-16-63	11/30/03	M-16-56	12/31/08
			M-16-03H	06/30/04	M-16-61	12/31/08
			M-16-26E	09/30/04	M-16-52	07/31/09
			M-16-13B (C)	*10/29/04*	M-16-64	09/30/10
			M-16-26F	02/28/05	M-16-51	12/31/10
			M-16-48	07/31/05	M-16-47	12/31/11
			M-16-65	08/30/05	M-16-53	12/31/12
			M-16-46	07/31/06	M-16-55	12/31/12
			M-16-45	12/31/06	M-16-62	12/31/12
			M-16-60	12/31/06	M-16-00A	12/31/12
			M-16-50	07/31/07	M-16-00B	09/30/18
			M-16-54	07/31/08	M-16-03I	TBD
M-93-00 Reactors on River Final Disposition	**TBD** (M-93-00)	**10**	*M-93-16 (C)*	*09/30/03*	M-93-24	09/30/06
			M-93-11	09/30/04	M-93-19	09/30/09
			M-93-17	12/31/04	M-93-22	09/30/11
			M-93-25	09/30/05	M-93-20	09/30/12
			M-93-18	12/31/05	M-93-00	TBD
			M-93-23	07/31/06		
M-94-00 300 Area Surplus Facilities Disposition	**9/30/2018** (M-94-00)	**4**	M-94-01	11/30/03		
			M-94-04	08/30/05		
			M-94-03	09/30/10		
			M-94-00	09/30/18		
TOTAL ACTIVE MILESTONES		**38**	**3 --- MILESTONES COMPLETED IN FY03 *(C)***			

Status as of: May 31, 2003

Richland Environmental Restoration Project

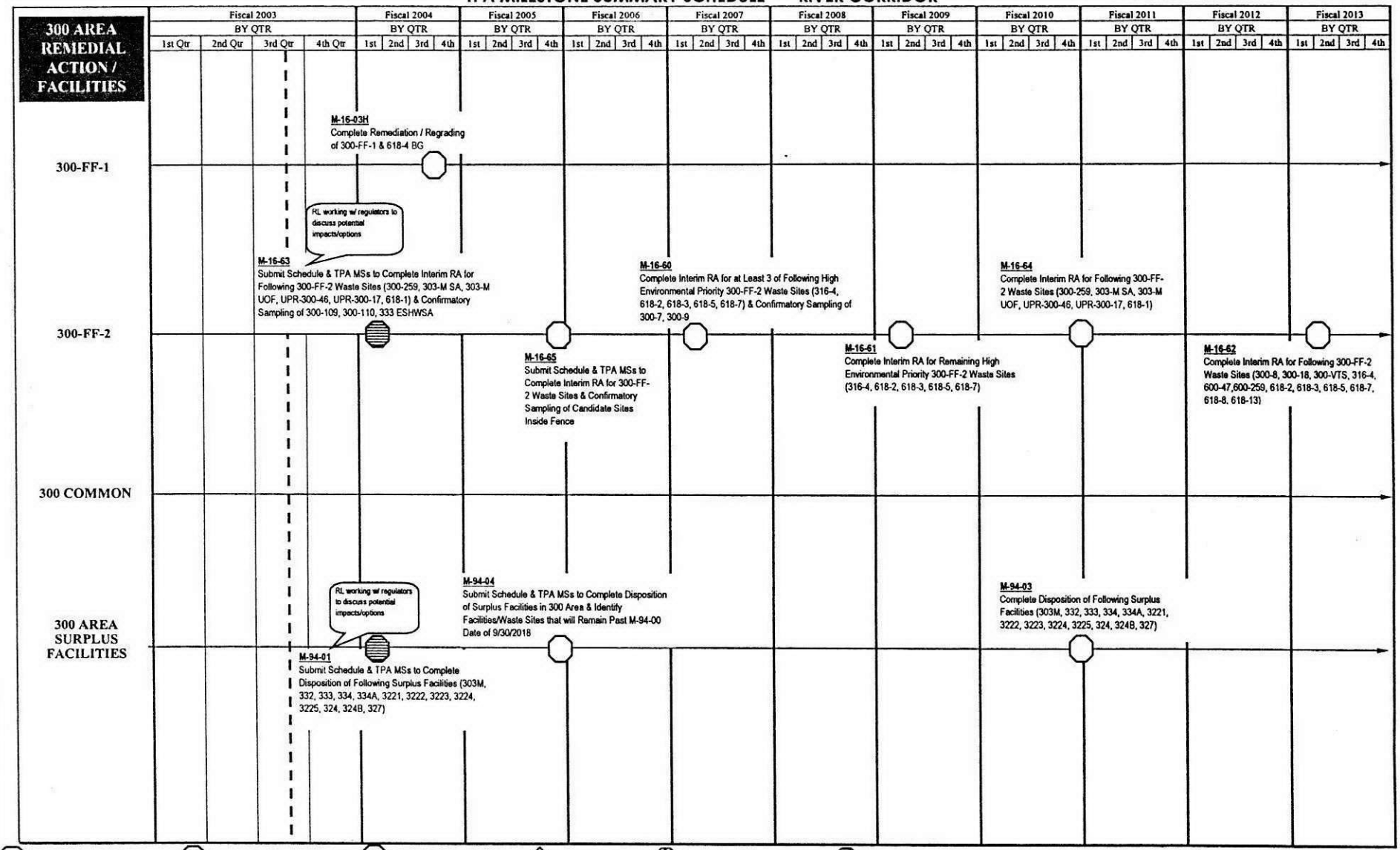
TPA MILESTONE SUMMARY SCHEDULE -- RIVER CORRIDOR



Status as of: May 31, 2003

Richland Environmental Restoration Project

TPA MILESTONE SUMMARY SCHEDULE -- RIVER CORRIDOR



M-16-03I (TBD) - Complete Treatment of Drummed Waste from 618-4 Burial Ground

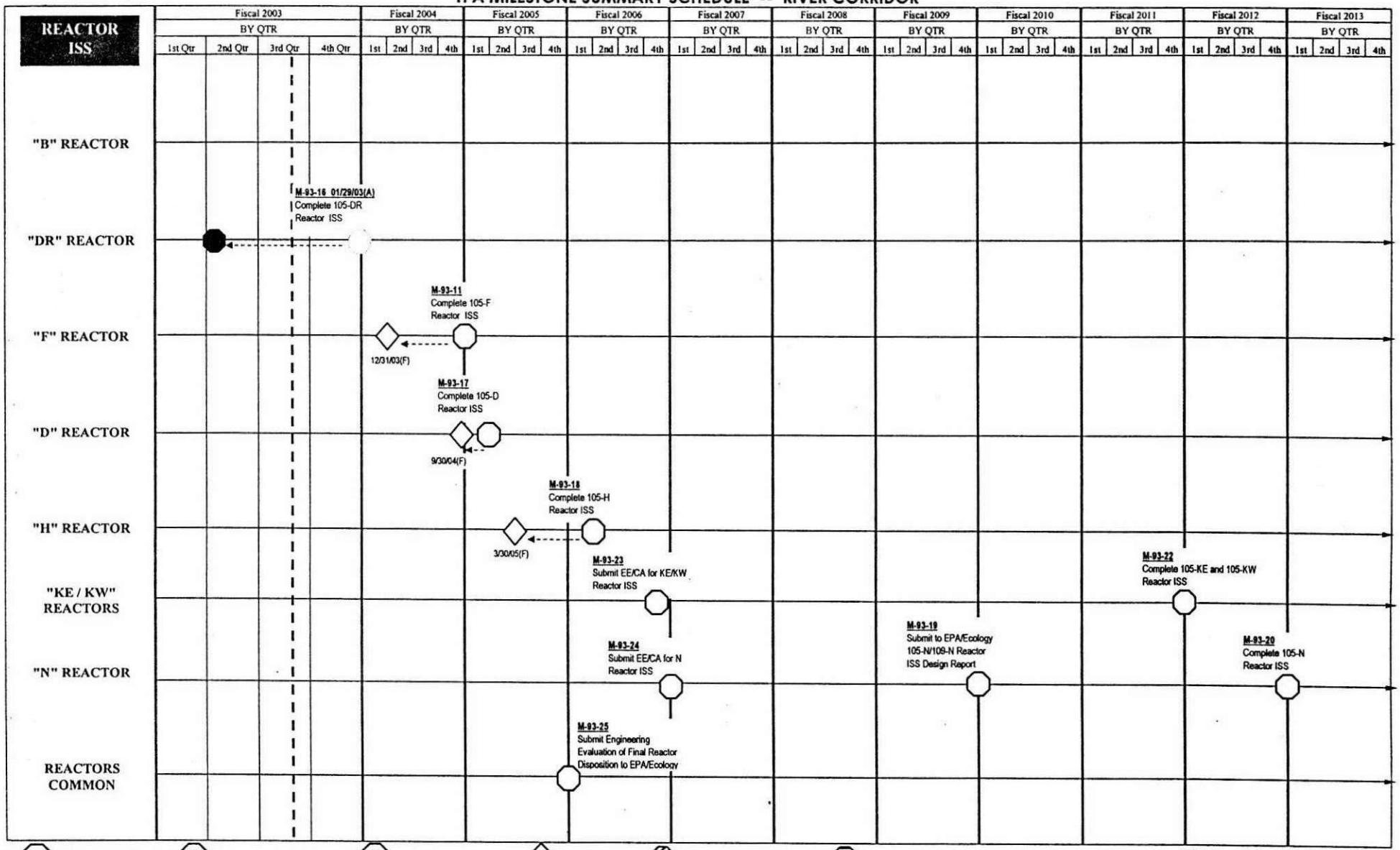
M-94-00 - 09/30/2018 - Complete Disposition of 300 Area Surplus Facilities

M-16-00B - 09/30/2018 - Complete All Interim 300 Area Remedial Actions to Include Confirmatory Sampling of all Candidate Sites Listed in 300-FF-2 ROD

Status as of: May 31, 2003

Richland Environmental Restoration Project

TPA MILESTONE SUMMARY SCHEDULE -- RIVER CORRIDOR



M-93-00 (TBD) - Complete Final Disposition of All 100 Area Surplus Production Reactor Buildings

M-16-03-01
300-FF-1 Backfill/
Regrade Deferral
Approved - 3/25/03

This change request deferred TPA Milestone **M-16-03H**, "Complete Remediation of Waste Sites in 300-FF-1 Operable Unit to Include Excavation, Verification, and Regrading, Including the 618-4 Burial Ground in Accordance with an Approved RDR/RAWP", from December 31, 2003 to June 30, 2004. This six-month extension will allow RL, EPA, and the local government agencies (City of Richland and Benton County Board of Commissioners) to confirm the 300-FF-1 Operable Unit regrading methodology and end state.

The infiltration test results for the North Process Pond (300 Area) were within the new uranium cleanup goal. No further remediation will be required at this waste site.

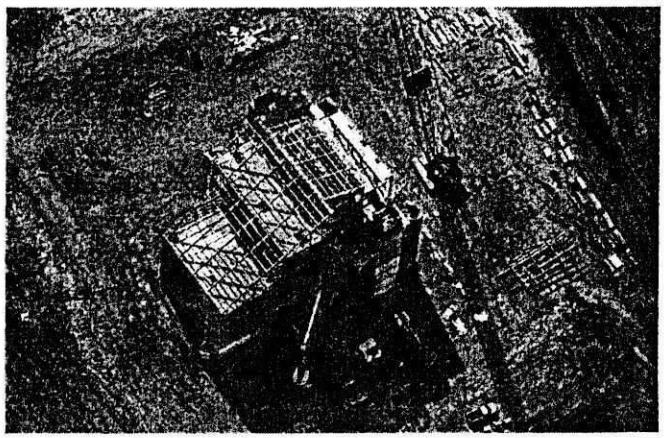
Test Pit Excavation at North Process Pond

Cleanup verification packages, Rev. 0, were approved in May for Landfills 1A and 1B located in the 300 Area.

Reactor ISS (M-93-11, M-93-17, M-93-18)

1720-HA arsenal building demolition and waste disposal activities were completed on April 22. The 118-C-4 Horizontal Rod Storage Cave demolition and loadout are complete, and rod disposal is in progress. 117-DR filter building demolition is expected to be completed in early June.

F Reactor safe storage enclosure (SSE) roof installation is approximately one month ahead of schedule. Through May, F Reactor ISS is 95% complete (100% completion planned by end of FY03).

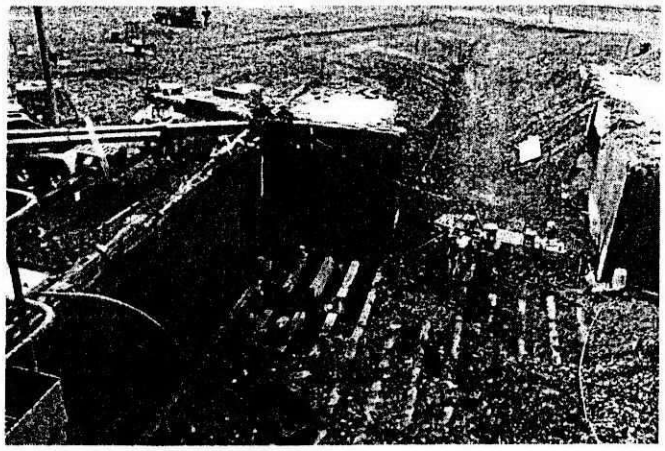


F Reactor SSE Construction

The subcontract for the DR Reactor cleanup verification package was awarded on May 6.

The subcontract for D Reactor SSE design and installation was awarded on May 22. Through May, D Reactor ISS is 85% complete (90% completion planned by end of FY03).

Three spent fuel elements have been found during H Reactor FSB demolition. Through May, H Reactor ISS is 49% complete (56% completion planned by end of FY03).



H Reactor FSB Cleanout

In April, the 100 N Area ancillary facilities Removal Action Work Plan was revised to incorporate comments received from Ecology.

Surveillance and Maintenance

Asbestos abatement of the 109-N facility roof-mounted ventilation duct was completed in April. In May, a subcontract was established for additional field work on the 109-N facility asbestos removal (pipe elbows) and 1112-N reroofing projects. Asbestos abatement of the 1304-N emergency dump tank was also initiated in April.

A RFP was issued for vent duct covering and ventilation upgrade for B Reactor hazards mitigation. Beryllium sampling was also performed on the B Reactor main breaker. Results were negative.

Annual inspection tours of the B, C, KE, KW, and N Reactors were conducted in May for the Russian delegation in support of the U.S.-Russian Plutonium Production Reactor Agreement Treaty.

Surveillance and calibration were completed on the C-elevator/fission trap bubblers at N Reactor.

During May, bare ground pre-emergent and spring vegetated post-emergent herbicide applications were completed.

- **M-16-63 and M-94-01:** Tri-Party Agreement Milestone M-16-63, "Submit a Schedule and TPA Milestones to Complete Interim Remedial Actions for the Following 300-FF-2 Waste Sites (300-259, 303-M SA, 303-M UOF, UPR-300-46, UPR-300-17, and 618-1) and Confirmatory Sampling of the Following 300-FF-2 Candidate Sites (300-109, 300-110, and 333 ESHWSA)"; and Milestone M-94-01, "Submit a Schedule and TPA Milestones to Complete Disposition of the Following Surplus Facilities: 303M, 332, 333, 334, 334A, 3221, 3222, 3223, 3224, 3225, 324, 324B, 327" (both due November 30, 2003), are at risk due to the delay in awarding the River Corridor contract.

  Strategy/Status: RL is working with EPA and Ecology to discuss potential impacts and options for resolution of these milestones.

RIVER CORRIDOR

FY 2003 ERC PBS PERFORMANCE SUMMARY
FYTD MAY 2003
($K)

	FY03 DWP	CURRENT	FYTD			FYTD SCHEDULE VARIANCE			FYTD COST VARIANCE			
	BCWS	BCWS	BCWS	BCWP	ACWP	$	%	SPI	$	%	CPI	EAC
RC01	65,900	69,470	44,616	46,097	43,768	1,481	3.3%	1.03	2,329	5.1%	1.05	66,348
RC02	12,608	13,055	8,672	10,427	8,540	1,755	20.2%	1.20	1,887	18.1%	1.22	11,166
RC05	32,855	35,008	22,020	22,888	21,079	868	3.9%	1.04	1,809	7.9%	1.09	32,895
RCR Subtotal	**111,363**	**117,533**	**75,308**	**79,412**	**73,387**	**4,104**	**5.4%**	**1.05**	**6,025**	**7.6%**	**1.08**	**110,409**
SC01	100	99	34	37	23	3	8.8%	1.09	14	37.8%	1.61	
SS Subtotal	**100**	**99**	**34**	**37**	**23**	**3**	**8.8%**	**1.09**	**14**	**37.8%**	**1.61**	**84**
ERC TOTAL	**111,463**	**117,632**	**75,342**	**79,449**	**73,410**	**4,107**	**5.5%**	**1.05**	**6,039**	**7.6%**	**1.08**	**110,493**

Schedule Variance Summary:

Through May, the ER Project is $4.1M (+5.5%) ahead of schedule. The positive schedule variance is attributed to the acceleration of the 300 Area 618-5 Burial Ground remediation operations, 100 N Area plume excavation and 100 F Area cleanup verification/backfill proceeding ahead of schedule, and related ERDF operations ahead of schedule.

Cost Variance Summary:

At the end of May, the ER Project had performed $79.4M worth of work, at a cost of $73.4M. This results in a favorable cost variance of $6.0M (+7.6%). The positive cost variance is attributed to consolidating common 618-4 and 618-5 Burial Ground remediation activities, lower project support costs due to resource sharing for 100 Areas remediation, and prior-year rebill accounting adjustments that were realized in March. Underruns are partially offset by additional cost to resolve ISS higher than anticipated radioactive contamination findings.

Significant Accomplishments (6/03)

- **Reinstatement of TPA M-81-00 Series Milestones and Related M-20-29B Milestone**
  - The Change Request re-establishing the subject milestones and target dates for the FFTF deactivation was approved by the Tri-Party agencies in 5/03.
- **Fuel Offload**
  - On 4/28/03, approval was received to begin fuel offload activities.
  - On 6/13/03, an Interim Storage Cask (ISC) was loaded and transferred to the Interim Storage Area (ISA).
  - Planning and preparations are underway to transfer unirradiated fuel to the Plutonium Finishing Plant.

U.S. Department of Energy
Richland Operations Office
Fast Flux Test Facility (FFTF)
Deactivation

Tri-Party Agreement
M-81-00 Series Milestones and
Related M-20-29B Milestone

6/24/03 River Corridor TPA Milestones Review Meeting
Washington State Department of Ecology
U.S. Environmental Protection Agency

DOE-RL FFTF Division – Oliver Farabee
Washington State Department of Ecology – Laura Cusack
U.S. Environmental Protection Agency – Nicholas Ceto

6/03 Status of FFTF Deactivation TPA M-81-00 Milestones and Related M-20-29B Milestone

Milestone	Milestone Description	Due Date	Status
M-81-00A	Complete FFTF Facility Transition and Initiate the Surveillance and Maintenance Phase	2/28/11	On Schedule
M-81-00-T01	Complete Reactor Defueling	9/30/95	Completed 4/19/95
M-81-00A-T02	Complete Transfer of Unirradiated Fuel to Secure Onsite Storage	3/31/09	On Schedule
M-81-00A-T03	Complete Transfer of Irradiated Fuel to Secure Onsite Storage	3/31/09	On Schedule
M-81-00A-T04	Complete Transfer of Special Fuel to DOE's Idaho National Engineering Laboratory for Consolidated Storage	3/31/09	On Schedule
M-81-00A-T05	Complete Auxiliary Plant Systems Shutdown	2/28/11	On Schedule
M-81-01	Initiate Sodium Storage Facility Construction	2/28/97	Completed 10/9/95
M-81-02	Complete Sodium Storage Facility Startup	7/31/98	Completed 1/97

6/03 Status of FFTF Deactivation TPA M-81-00 Milestones and Related M-20-29B Milestone

Milestone	Milestone Description	Due Date	Status
M-81-10-T01	Submit Final Sodium Disposition Report	9/30/05	On Schedule
M-81-11	Submit FFTF End Point Criteria Document	8/31/05	On Schedule
M-81-12	Initiate FFTF Sodium Drain	6/30/03	Completed 4/7/03
M-81-13	Complete Reactor and Heat Transport System Sodium Drain	6/30/05	On Schedule
M-81-14-T01	Complete Fuel Storage Facility Sodium Drain	4/30/07	On Schedule
M-81-14-T02	Initiate Interim Decay Storage Vessel Sodium Drain	6/30/08	On Schedule
M-81-14	Complete FFTF Sodium Drain	9/30/09	On Schedule
M-81-15	Submit FFTF Surveillance and Maintenance Plan	6/30/10	On Schedule
M-20-29B	Submit Sodium Storage Facility and Sodium Reaction Facility Closure Plan or Request for Procedural Closure to Ecology as Defined in Agreement Section 6.3.3	6/30/03	Completed 6/12/03

Significant Accomplishments (6/03)

- **Reinstatement of TPA M-81-00 Series Milestones and Related M-20-29B Milestone**
  - The Change Request re-establishing the subject milestones and target dates for the FFTF deactivation was approved by the Tri-Party agencies in 5/03.
- **Fuel Offload**
  - On 4/28/03, approval was received to begin fuel offload activities.
  - On 6/13/03, an Interim Storage Cask (ISC) was loaded and transferred to the Interim Storage Area (ISA).
  - Planning and preparations are underway to transfer unirradiated fuel to the Plutonium Finishing Plant.

Significant Accomplishments
(6/03, Continued)

- **M-81-12 Completed**
  - This milestone was met once sodium drain from the secondary sodium loops to the Sodium Storage Facility was initiated on 4/7/03. Drain of the secondary loops was completed on 4/16/03.
- **M-20-29B Completed**
  - This milestone, which replaced the old M-20-29A milestone, was met on 6/12/03 by DOE-RL submittal of a Resource Conservation and Recovery Act (RCRA) procedural closure request to Ecology for the Sodium Storage Facility/Sodium Reaction Facility (per Section 6.3.3 of the TPA).

Significant Planned Actions
(Next six months)

- **Fuel Offload**
  - 11 more ISCs will be loaded and transferred to either the ISA or PFP, for a total of 12 ISCs (81 fuel assemblies) being dispositioned by 1/22/04.
  - Preparation will begin for special fuel disassembly in the Interim Examination and Maintenance (IEM) Cell
  - The ISC procurement contract will be placed.
- **Sodium Drain**
  - The Intermediate Heat Exchanger (IHX) secondary-side drains will be completed.

Schedule/Cost Performance
Fiscal Year to Date Status ($000s)

	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance $	Schedule Variance %	Cost Variance $	Cost Variance %	Budget At Completion
RL-CP04 **FFTF Project**	25,702	24,886	25,162	-816	-3%	-276	-1%	38,428

Status through May 2003 month end

Schedule Variance Analysis (-$0.8M):

The schedule variance is within the established threshold (+/- 10% or $1M).

Cost Variance Analysis (-$0.3M):

The cost variance is within the established threshold (+/- 10% or $1M).

Project Issues/Summary

- By 6/30/03, a lifecycle project rebaseline will be completed using a projected funding profile of $43.8 million in Fiscal Year (FY) 2004 and $46.1 million thereafter. Any impacts of this new funding profile on the project and milestones will be assessed.
- Significant progress continues to be made in the key deactivation areas of fuel offload and sodium drain.
- The project is currently on track to meet all milestones agreed to by the Tri-Party agencies in 5/03.

Milestone TPA-M-89

324 Building

Closure of Mixed Waste Units

IAMIT Meeting June 24, 2003
Tri-Party Agreement
Quarterly Milestone Review Report

Ecology Program Manager – FW Bond
DOE-RL Program Manager – KD Bazzell
FH Environmental Sponsor – DE Rasmussen

Active Milestone Overview

Milestone	Description	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

- Size reduction and removal of 324 Building Spent Nuclear Fuel equipment were performed within budget and on schedule.

Schedule –

- Five waste containers of size reduced Spent Nuclear Fuel equipment were dose profiled and staged in A cell.

Significant Accomplishments

Since Last Quarterly Review

M-89-00

- Placed collected material/debris from underneath the Spent Nuclear Fuel racks in container for disposition with future cleanout material
- Repaired the A-Cell door crane to allow staging of non-mixed waste grout containers in A-Cell
- Continued size-reduction activities for Spent Nuclear Fuel equipment and filled five non-mixed waste grout containers in B-Cell
- Completed dose profiling (LLW/TRU) for five grout containers and moved the grout containers to A-Cell for staging for future shipment
- Partially filled three other non-mixed waste grout containers in B-Cell with size-reduced equipment
- Transitioned to minimum safe operations mode in the 324 Facility and continued preventive/corrective maintenance and surveillance activities consistent with facility safety basis requirements

Significant Planned Actions

Next Three Months

M-89-00

- Continue minimum safe operations mode in the 324 Facility and perform preventive/corrective maintenance and surveillance activities consistent with facility safety basis requirements.
- Complete design and begin fabrication of 324 Building Radiochemical Engineering Cells Liquid Waste Handling System (LWHS) skid for future cell decontamination activities. The LWHS is a radiological decontamination system being designed and procured which will be used to reduce contamination levels inside B-Cell, and possibly other cells, to help facilitate facility deactivation.
- Continue transition activities after the stay to the River Corridor Contract has been lifted.

Project Summary

- Limited progress in M-89-02 was achieved during the past quarter while the 324 Building was placed in a minimum safe staffing mode. Until River Corridor Contract transition activities are completed, no significant 324 Building deactivation activities are planned in the future.

Nuclear Materials and Facility Stabilization

Milestone TPA-M-92

IAMIT Meeting June 24, 2003
Tri-Party Agreement
Quarterly Milestone Review Report

Ecology Program Manager – FW Bond
DOE-RL Program Manager – DT Evans
FH Environmental Sponsor – DE Rasmussen

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 sodium-potassium alloy (NaK), 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	In ORP Review
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**
    - No activities are planned for the next 3 months
  - **M-92-09 and M-92-10**
    - A draft change request has been submitted to reinstate these milestones with revised due dates
  - **MX-92-11-T01**
    - Responses to a Request for Proposal for removing sodium residues from the two large tanks in 337B have been evaluated and contract negotiation is in progress
  - **M-92-16**
    - Ahead of schedule overall. No Special Case Waste (SCW) packaging/shipment activities performed this quarter at 327 Building

Significant Planned Actions

next three months

- **M-92-09 and M-92-10**
  - Complete negotiations and approve change package
- **MX-92-06-T02**
  - If funded, revise existing Safety Analysis Report for Packaging (SARP) to allow on-site shipment of remaining 825 metric tons of fuel assemblies
- **MX-92-11-T01**
  - Establish contract for cleaning the sodium residuals from the 337B Composite Reactor Component Test Activity (CRCTA) vessel. Cleaning of 3718M and final rinsing and drying of both tanks will be self-performed on schedule to meet 9/30/04 target
  - Ship the 337B sodium cold trap to ANL-W for recycle
- **M-92-16**
  - Ahead of schedule, no additional SCW packaging/shipping activities planned for 327 facility next quarter

Project Summary

- **M-92-05:** To be covered in ORP Milestone Review
- **MX-92-06-T02:** On schedule
- **M-92-09:** Negotiating draft change request
- **M-92-10:** Negotiating draft change request
- **MX-92-11-T01:** On schedule
- **M-92-12:** On schedule. At this time there are no additional facilities identified as needed to store 300 Area Special Case Waste
- **M-92-15:** Complete
- **M-92-16:** On schedule. No further Special Case Waste packaging/shipping activities planned at 327 Building until after the new River Corridor Contract is in place. All 300 Area SCW has already been removed from 325 and 324 Buildings at this time. Only 327 and 340 Buildings SCW remains in the 300 Area

Disposition of the 300 Area Surplus Facilities

Milestone TPA-M-094

Ecology Program Manager – FW Bond
DOE-RL Program Manager – KD Bazzell

Active Milestone Overview

Milestone	Description	Date
M-94-00	Complete disposition of 300 Area Surplus Facilities Completion of facility disposition is defined as the completion of deactivation, decontamination, and decommissioning, and obtain EPA and/or Ecology approval of the appropriate project closeout documents	9/30/2018
M-94-01	Submit a schedule and TPA milestones to complete disposition of the following surplus facilities: 303M, 332, 333, 334, 334A, 3221, 3222, 3223, 3224, 3225, 324, 324B, 327.	11/30/03
M-94-02	Submit an amendment to the existing 324 Building REC/HLV closure plan, DOE/RL-96-73, Rev 1, for Ecology review and approval. The amendment shall change the existing closure plan path from clean closure to a path where the high risk materials and wastes are removed from the facility followed by complete disposition. (Submitted 7/30/02, Ecology approval letter 12/18/02)	7/30/02
M-094-03	Complete disposition of the following surplus facilities: 303M, 332, 333, 334, 334A, 3221, 3222, 3223, 3224, 3225, 324, 324B, 327	9/30/2010
M-094-04	Submit a schedule and Tri-Party Agreement milestones to complete disposition of the surplus facilities in the 300 Area and identify the 300 Area facilities and associated waste sites that will remain past the M-094-00 completion date.	8/30/2005

Project Summary

- The remaining M-094 series milestones are part of the Hanford River Corridor Contract work scope, which will be assigned to the contractor when the contract is successfully in place
- Issue Identification: Due to the delay in awarding the River Corridor Contract and the subsequent ongoing bid award protest, completion of Tri-Party Agreement Interim Milestone M-094-01 by the due date of November 30, 2003 is at risk
  - Issue Status/Strategy: RL has initiated discussions with EPA and Ecology regarding this issue and will be continuing to work with EPA and Ecology to address this issue