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WHC-SP-0969-35

Site Management System Executive Summary Report -- February 1994

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Office of Environmental Restoration and
Waste Management



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Hanford Company**

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Hanford Operations and Engineering Contractor for the
U.S. Department of Energy under Contract DE-AC06-87RL10930



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EXECUTIVE SUMMARY

PROBLEMS/ISSUES/CONCERNS:

Tank Waste Remediation System (TWRS) Baseline Documentation: Baseline documentation (Program Plan, Program Management Plan, Program Management System Description and Baseline) will be delayed beyond the planned submittal date of March 31, 1994. (Work Breakdown Structure [WBS] 1.1)

Disposal of PUREX Organic Material: Disposal of PUREX organic material will require additional funding if a variance is not granted by the State of Washington Department of Ecology (Ecology). (WBS 1.3.1/7.1)

Fiscal Year Work Plans (FYWPs): Lack of approved FYWPs for some programs continues to impact the ability to report effectively against a performance measurement baseline. Without all FYWPs approved, the Site Management System (SMS) Executive Summary cannot provide a summary of individual program data to report performance at the company/site level. (WBS 1.8.2)

CORRECTIVE ACTIONS:

TWRS Baseline Documentation: A revised plan is being developed which includes realistic time periods to complete program schedule integration and allow for thorough review by U.S. Department of Energy, Richland Operations Office (RL).

Disposal of PUREX Organic Material: Westinghouse Hanford Company (WHC) is awaiting Ecology's approval of a variance request so the tributylphosphate fraction of the organic will not be regulated for purposes of disposal. It is anticipated that Ecology will approve the variance by the end of March 1994.

FYWPS: Four FYWPs remain to be approved: (1) 1.3.1/7.1 - Facility Operations, (2) 6.2 - Maintenance, (3) 6.12.1 - Facility Operations Department Overhead, and (4) 6.12.3 - Restoration and Remediation Department Overhead. One FYWP - 1.1 TWRS - received conditional approval. Approval for 1.1, 1.3.1/7.1, 6.2, and 6.12.1 is anticipated by the end of March 1994. Environmental Restoration Contract (ERC) transition activities will impact approval of 6.12.3. Temporary measures have been put in place so that an estimate of performance can be done for those programs without an approved baseline.

SUMMARY ASSESSMENT:

Key performance indicators show satisfactory/good progress in most areas. Emphasis on safety and rigorous conduct of operations continued during the month. A company-wide campaign to achieve one million workhours without a lost workday injury/illness was achieved on February 21, 1994, after working

20 days without a disabling case. Customer satisfaction is being maintained in a positive manner. Analytical Services' (WBS 1.5.1) technical and schedule performance continues to be less than satisfactory. Cost performance remained satisfactory with only one program reflecting a marginal rating (WBS 6.11). Details on key performance indicators are provided in the individual Program reports.

PERFORMANCE SUMMARY:

January performance data reflects a fiscal year to date (FYTD) negative schedule variance of (\$29.9 million) and a FYTD positive cost variance of \$27.1 million. With the exception of the TWRS cost variance, all WBS elements are within established thresholds (+/- 10 percent). Details on the TWRS cost variance can be found in the TWRS Program Report (WBS 1.1). Individual program performance is listed on page 27.

SCHEDULE STATUS (DOE-HQ/RL):

Pending approval of the 1994 FYWPs and all cost account plans, the milestone information provided in this report does not accurately reflect overall performance. Thirty-nine FYWPs were approved through the end of February 1994. These FYWPs identified 310 DOE-HQ/RL milestones scheduled FYTD. Of these 310, 273 milestones (88 percent) were completed as scheduled. The remaining 37 milestones are found in 14 different programs and do not share common causes. Six of these milestones are critical path as defined by the Level 0 schedule. Detailed explanations for these milestones can be found on pages 24 through 25.

Prior Year Milestone Status

Three prior year milestones remain open (2 DOE-HQ and 1 RL). The RL milestone is associated with WBS 1.1 (TWRS). The two DOE-HQ milestones are associated with WBSs 1.2.2.1 (Liquid Effluents) and 3.0 (Technology Development). These milestones are addressed in the "Milestones Due But Not Complete" section of the Executive Summary found on pages 24 through 25.

Future Milestone Status

The Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Interim milestone M-14-03 (WBS 1.5.1), "Initiate Waste Sampling and Characterization Facility (WSCF) Operations," scheduled for completion April 30, 1994, has slipped due to construction punch list items and program management issues. A draft change request was presented to the regulators forecasting an August 31, 1994, completion date. Additional information on these milestones can be found in the "Future Milestones Forecasted To Be Late" section of the Executive Summary found on page 26.

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TECHNICAL STATUS:

Two engineering studies are being performed on the pressurized water reactor pool and both are on schedule. One study is analyzing the response of the pool to a seismic event. This study is a follow-on to the study completed in Fiscal Year (FY) 1993 and uses more sophisticated modeling techniques. Preliminary results from the seismic event analysis indicate that if the water in the pool could be lowered by a foot, the seismic response would meet regulatory requirements. Final results of the seismic event study are expected in March 1994. The other study analyzes the need to utilize water for cooling purposes and whether the water needs to be cooled during normal operations (lack of cooling for off-normal conditions is shown acceptable in the preliminary safety analysis report). The results of the cooling water study are due in June 1994. (WBS 1.2.3)

The no-intervention public health risk assessment document is progressing well. The public health baseline task was kicked off and several subtasks have had kick-off meetings and are well underway. A "lessons-learned" approach from the no-intervention case will be used to improve how things are done and to assure that at any point in time, a high-level review would not be disruptive nor have any findings. Viewgraphs and talking points for the no-intervention public health risk assessment were delivered to RL. (WBS 1.8.2)

Systems Engineering made substantial progress in February. The preliminary draft Systems Engineering Management Plan and the preliminary draft Systems Engineering Configuration Management Plan were issued for review. (WBS 1.8.2)

The N-Springs Engineering Evaluation Cost Analysis (EECA) was issued for public review early in February 1994. The EECA has recommended that two alternatives be carried forward for future consideration based on the outcome of field testing. Variation from the EECA recommendations potentially have an effect on the N-Springs technical scope and schedule. Final recommendations will be made from the regulators in May 1994. (WBS 2.0)

WHC has integrated the improvement target from the Hanford Safety Team report and the results of a safety culture self-assessment into a Voluntary Protection Program (VPP)-STAR action plan. The approach for 1994 is to focus on priority improvement targets and address them at the company level. The overall objective is to obtain VPP-STAR status through the DOE-VPP system authorized in January 1994. The application for VPP-MERIT status will be issued in March 1994. (WBS 6.7.2.1)

The Yakima Indian Nation proposal to Assistant Secretary Thomas Grumbly, for a cooperative program of rearing and acclimating approximately 2 million juvenile upriver bright fall chinook salmon in the Hanford K Basin Complex, is being pursued for implementation this spring. Subsequently, the fish will be

released in the Columbia River near the K Area to enhance the stock of returning fall chinook salmon to the Hanford Reach. A cooperative agreement outlining the responsibilities and contributions of the participants in this project is being developed. (WBS 1.3.1/7.1)

A joint preliminary proposal by the Washington Department of Wildlife and Washington Legislature's Fish and Wildlife Committee for rearing warm-water game fish in the Hanford K Basin Complex is being pursued for implementation this spring. The program will consist of rearing one million walleye and 100,000 channel catfish fingerlings that will be collected and transported to various landlocked water locations for release. WHC is investigating the required support actions and the development of an appropriate cooperative agreement to implement this proposal. (WBS 1.3.1/7.1)

TRI-PARTY AGREEMENT STATUS:

The Tri-Party Agreement milestones addressed in the Executive Summary are negotiated, enforceable milestones established according to the current Tri-Party Agreement baseline. Individual program reports represent a combination of approved and pending FYWPs. Therefore, they will not summarize to the totals in the Executive Summary.

The two enforceable, interim Tri-Party Agreement milestones due in February - "Issue Request for Proposal for High-Level Liquid Waste Cask," M-41-03A and "Submit ERDF Draft Conceptual Design Report for Review," M-70-01 - were completed as scheduled.

The Tri-Party Agreement Major Milestone Management Review, Project Managers and Interagency Change Board meetings were held in February. Three change requests were approved by the U.S. Environmental Protection Agency (EPA) and Ecology at the Interagency Change Board meeting. Change Request E-94-01 established responsibility for Project Managers and Community Relation Contacts; Change Request M-13-94-02 extended the due date for Milestone M-13-07; and, Change Request M-15-94-01 consolidated milestones M-15-04B and M-15-04C as well as established the due date in FY 1995. (WBS 1.5.2)

Amendment Four changes have been incorporated into the Tri-Party Agreement Document. General distribution of the revised Tri-Party Agreement will be completed by April 30, 1994. (WBS 1.5.2)

A series of 100 N Area Pilot Project Scoping meetings were conducted as part of the Tri-Party Agreement negotiation process. A draft Management Plan has been reviewed and revision ten of the Tri-Party Agreement change notice continues under review of the regulators. (WBS 1.5.2)

The first calendar year 1994 Tri-Party Agreement retreat was held in February 1994. During the retreat, WHC and RL discussed program points of contact, new RL program personnel, Tri-Party Agreement communication pathways, and Tri-Party Agreement business interfaces with WHC and the regulators. (WBS 1.5.2)

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Prior Year Milestone Status

All prior year Tri-Party Agreement milestones are awaiting completion of rebaselining.

MAJOR ACCOMPLISHMENTS:

Full-scale testing of the mitigation mixer pump in Tank 241-SY-101 was initiated. The first sequence of tests were completed on February 25, 1994, and declared a success. This demonstrates that operating the pump is sufficient to hold the tank level steady and to release gas at the rate it is generated. (WBS 1.1)

The Broad Based Environmental Assessment (EA) was approved by DOE-HQ on February 25, 1994, and the Finding of No Significant Impact was signed the same day by the Assistant Secretary for Environment, Safety and Health. The EA will fulfill the National Environmental Protection Act documentation requirements for characterization and minor modifications on all Hanford tanks that have unreviewed safety questions (USQ's). No longer will a separate EA be required for each activity. This completes the Secretary of Energy's Safety Initiative 2b. (WBS 1.1)

Flammability conditions in Tank 241-C-103 were found to be in the range of 6 to 8 percent of the lower flammability limit. This completes the Secretary of Energy's Safety Initiative 2i. (WBS 1.1)

The functional design criteria for all tank farm aspects of the Long-Length Equipment Disposal Plan was approved. The Long-Length Contaminated Equipment Disposal System consists of transforming disposal from case specific engineered tasks to standard operations using generic equipment and documentation. This results in an Eccel savings of \$27.2 million being acknowledged in FY 1994 and experienced in FY 1996. (WBS 1.1)

The main construction contract for Project W-026, Waste Receiving and Processing Module (WRAP) 1 Construction Package #1 has been awarded to PCL Construction Services. This puts the WRAP 1 on track to support completion of Tri-Party Agreement Milestone M-18-01, "Complete Construction in March 1996." (WBS 1.2.1)

A Hanford Environmental Compliance (HEC) Project brochure, illustrating progress of the HEC subprojects in supporting Hanford Site cleanup, was published for public distribution. (WBS 1.2.2.2)

Segregation and repacking of the Tank Farm "unknown" waste containers was completed. This activity demonstrated WHC's ability to safely accomplish complex tasks in support of the site cleanup mission. Over 200 drums and 58 boxes have been dispositioned to meet Ecology-mandated actions. (WBS 1.2.2.2)

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The 2706-T sump leak test was completed on February 25, 1994, and no leaks were detected. This completes the condition under which Tri-Party Agreement Milestone M-32-03-T01, "Implement Inspection/Leak Test Program for 2706-T/211-T Tanks, was accepted on October 31, 1993. (WBS 1.2.3)

The sampling of the 216-T-4-2 and 216-T-1 ditch effluent streams was completed on February 8, 1994, ahead of the schedule requirements of Tri-Party Agreement Milestone M-17-41 and M-17-42 (August 1994). Results of the sampling are expected by the end of March. (WBS 1.2.3)

The contaminated pipe removal from the 271-T baseline has been completed. Radiological surveys have commenced to release all of the maintenance areas in the basement from radiologically controlled area status. This will be a reduction of over 8,000 square feet. (WBS 1.2.3)

UO₃ Plant Phase I deactivation activities were completed February 28, 1994, 15 days ahead of schedule. (WBS 1.3.1/7.1)

The PUREX E-F11 concentrator demonstration activities were completed February 25, 1994, 19 days ahead of schedule. (WBS 1.3.1/7.1)

The National Emission Standards for Hazardous Air Pollutant's Federal Facility Compliance Agreement was approved by EPA on February 7, 1994. (WBS 1.3.1/7.1)

The Plutonium Reclamation Facility organic download was completed on February 20, 1994, 38 days ahead of schedule. (WBS 1.3.1/7.1)

The Site integrated target case preparation was initiated with the Site programs. The program activities (building blocks) are being reviewed and prioritized by the Program Integration Team. Activity is on schedule to provide four separate integrated priority lists to RL by mid-March. (WBS 1.8.2)

The Hanford Site Focus, formerly known as the Hanford Site-Specific Plan, was transmitted to RL February 10, 1994. This document will be used in conjunction with the public meetings scheduled for late March 1994. (WBS 1.8.2)

Communications with WHC personnel led to lower material procurement rates for six contracts pertaining to tires, oil, batteries, and auto parts. Savings for the auto parts contract alone is estimated at \$375K. (WBS 6.8)

Civil Engineering magazine (circulation 107,000) featured work underway at Hanford on environmental cleanup in an article on "emerging technologies" in their March 1994 issue. (WBS 6.10.6)

The first issue of *Radwaste* magazine (circulation is unlisted) featured a cover photo and a five-page article on Hanford entitled, *Hanford's Latest Achievements: Mixer Pump and New Long-Term Waste Treatment Plan.*" The magazine is a new publication of the American Nuclear Society. (WBS 6.10.6)

Aggressive progress is being made on the Fast Flux Test Facility (FFTF) Program Shutdown Plan. The milestone is on track for issue by March 15, 1994. FFTF is on schedule to support the milestone of initiating reactor defueling by May 2, 1994. (WBS 7.3)

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SITE MANAGEMENT SYSTEM	Westinghouse Hanford Company	February 1994
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PROGRAM MANAGER'S ASSESSMENT

WBS	PROGRAM ELEMENT	ES&H Compliance	Customer	Technical	Schedule	Cost
1.1	TANK WASTE REMEDIATION	□	□	◇	◇	◇
1.2.1	SOLID WASTE	◇	◇	◇	◇	◇
1.2.2.1	LIQUID EFFLUENTS	◇	◇	◇	◇	□
1.2.2.2	HANFORD ENVIRONMENTAL COMPLIANCE	◇	◇	◇	◇ ↓	◇ ↓
1.2.3	WASTE & DECON. SERVICES	◇	◇	◇	-- ◇	◇
1.3.1/7.1	FACILITY OPERATIONS	□	◇	◇	◇	◇
1.5.1	ANALYTICAL SERVICES	◇	◇	○	-- ●	◇
1.5.2/6.9	ENVIRONMENTAL SUPPORT	□	□	□	◇	◇
1.5.3	RCRA & OPERATIONAL MONITORING	◇	◇	◇	◇	◇

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LEGEND

Rating Gradient Symbols		Indicators	
■	Outstanding	+	Improved from last month
□	Good	--	Worsened from last month
◇	Satisfactory	↑	Improved future outlook
○	Marginal	↓	Worsened future outlook
●	Unsatisfactory		

Note: Completion of workscope at budget and on schedule as defined in the approved FYWP will be rated as satisfactory.

PROGRAM MANAGER'S ASSESSMENT

WBS	PROGRAM ELEMENT	ES&H Compliance	Customer	Technical	Schedule	Cost
1.8.2	PLANNING INTEGRATION	□	◇	◇	◇	+ ◇
2.0	ENVIRONMENTAL RESTORATION	□	□	□	◇	◇
5.0	SPECIAL INITIATIVES	◇	◇	◇	◇	◇
6.2	MAINTENANCE	□	◇	◇	□	□
6.3	ENGINEERING SERVICES	N/A	□	□	□	□
6.4	INFORMATION MANAGEMENT	+ □	□	□	□	□
6.6	SAFEGUARDS & SECURITY	■	■	■	■	■
6.7.2.1	SAFETY & QUALITY	+ □	◇	□	□	□
6.7.2.2	HANFORD FIRE DEPARTMENT	□	□	□	□	□

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<u>LEGEND</u>	
Rating Gradient Symbols	Indicators
■ Outstanding	+ Improved from last month
□ Good	-- Worsened from last month
◇ Satisfactory	↑ Improved future outlook
○ Marginal	↓ Worsened future outlook
● Unsatisfactory	

Note: Completion of workscope at budget and on schedule as defined in the approved FYWP will be rated as satisfactory.

PROGRAM MANAGER'S ASSESSMENT

WBS	PROGRAM ELEMENT	ES&H Compliance	Customer	Technical	Schedule	Cost
6.7.2.3	EMERGENCY PREPAREDNESS	■	■	■	■	■
6.7.2.4	HEALTH SAFETY & QUALITY	□	□	□	□	□
6.7.2.5	FIRE PROTECTION MAINTENANCE	□	□	□	□	□
6.8	SITE SERVICES	□ ↑	□	□	□	□
6.10.1	BUDGET	□	□	□	□	□
6.10.2	HUMAN RESOURCES	□	-- □	□	◇	□
6.10.3	PROCUREMENT	■	□	□	□	■
6.10.4	FINANCIAL SERVICES	□	□	□	□ ↓	□
6.10.5	GENERAL COUNSEL	□	□	■	□	□

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LEGEND

Rating Gradient Symbols	Indicators
■ Outstanding	+ Improved from last month
□ Good	-- Worsened from last month
◇ Satisfactory	↑ Improved future outlook
○ Marginal	↓ Worsened future outlook
● Unsatisfactory	

Note: Completion of workscope at budget and on schedule as defined in the approved FYWP will be rated as satisfactory.

PROGRAM MANAGER'S ASSESSMENT

WBS	PROGRAM ELEMENT	ES&H Compliance	Customer	Technical	Schedule	Cost
6.10.6	PUBLIC INFORMATION	■	■	□	□	□
6.10.7	PROPERTY MANAGEMENT	+ □	□	□	□	□
6.10.8	EMPLOYEE CONCERNS	□	■	□	□	□
6.10.9	QUALITY IMPROVEMENTS	■	□	□	◇	◇
6.10.10	ENVIRONMENTAL INSTITUTE (ECONOMIC TRANSITION)	□	□	□	□	+ □
6.10.11	SITE TRAINING	-- ◇	□	□	□	◇
6.11	SECURITY TRANSITION OFFICE	□	□	□	□	○ ↑
7.3	ADVANCED REACTOR	□	+ ■	□	+ □	□
7.5	LANDLORD PROGRAM	□	□	□	□	□

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LEGEND

Rating Gradient Symbols	Indicators
<p>■ Outstanding</p> <p>□ Good</p> <p>◇ Satisfactory</p> <p>○ Marginal</p> <p>● Unsatisfactory</p>	<p>+ Improved from last month</p> <p>-- Worsened from last month</p> <p>↑ Improved future outlook</p> <p>↓ Worsened future outlook</p>

Note: Completion of workscope at budget and on schedule as defined in the approved FYWP will be rated as satisfactory.

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MILESTONE ACHIEVEMENT

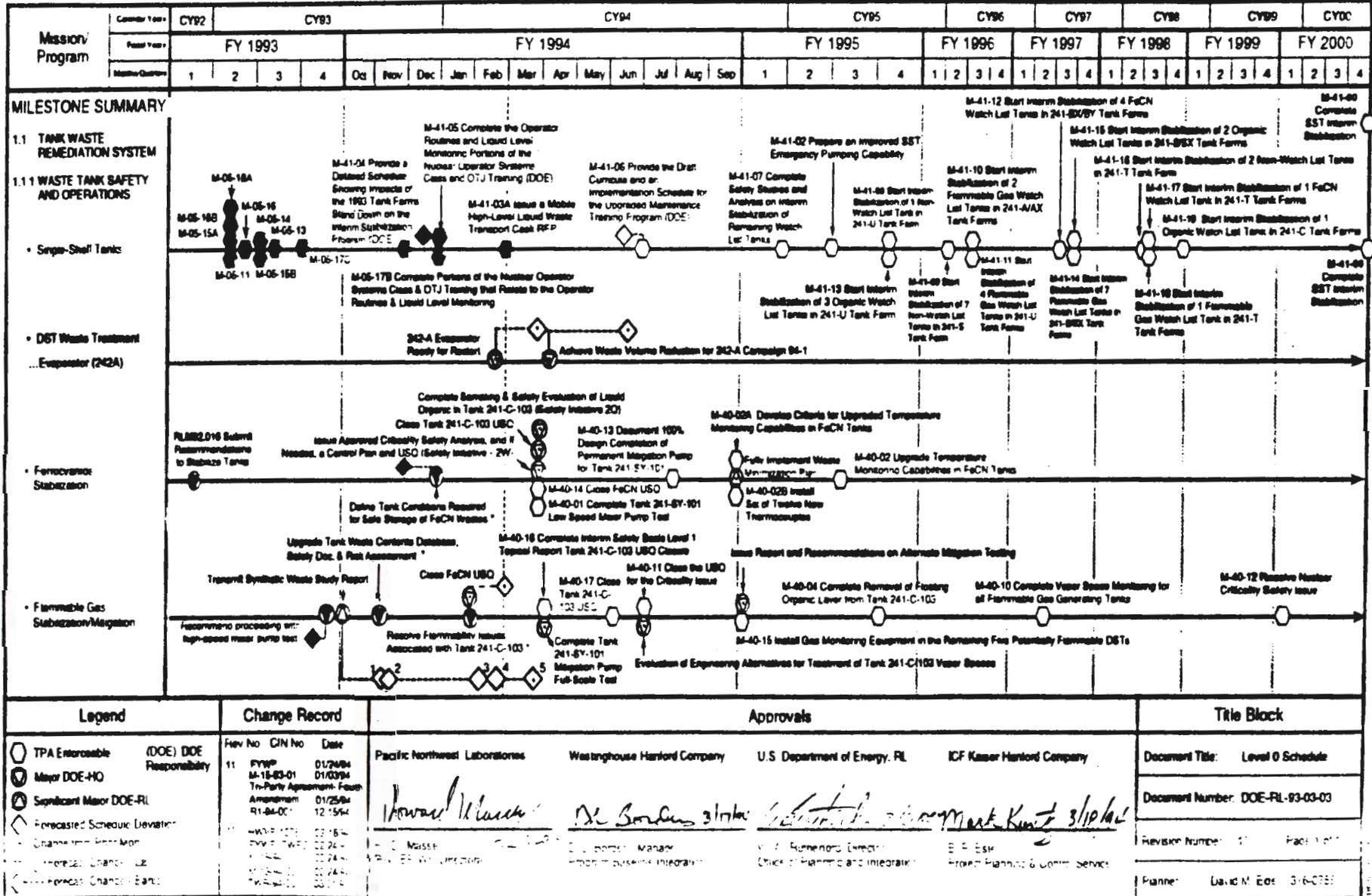
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		Sched*	Comp	Delin-quent	Sched*	Comp	Delin-quent		
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	Interim	2	2	0	22	22	0	58	80
	HQ	1	0	1	19	12	7	25	44
	FO	3	2	1	27	25	2	49	76
	RL	56	45	11	264	236	28	513	777
Total		62	49	13	334	297	37	647	981

* Scheduled milestones reflect the approved baseline. Does not include EM-50, Technology Development Milestones.

NOTE: Tri-Party Agreement Milestones reflect the current negotiated baseline.

DOE-RL - LEVEL 0 SCHEDULE

Revised as of: February 28, 1994

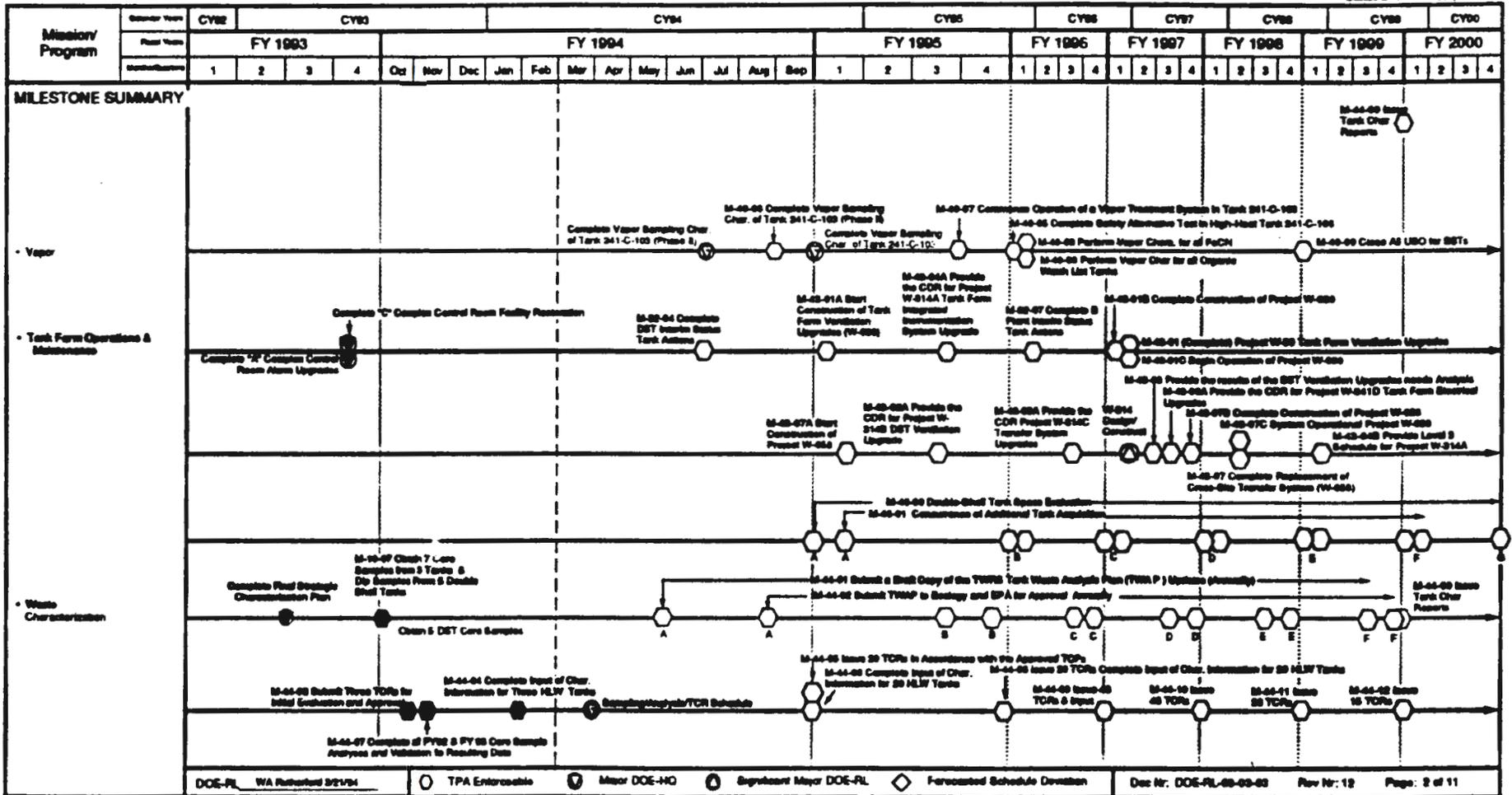


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DOE-RL - LEVEL 0 SCHEDULE

Status as of: February 28, 1994

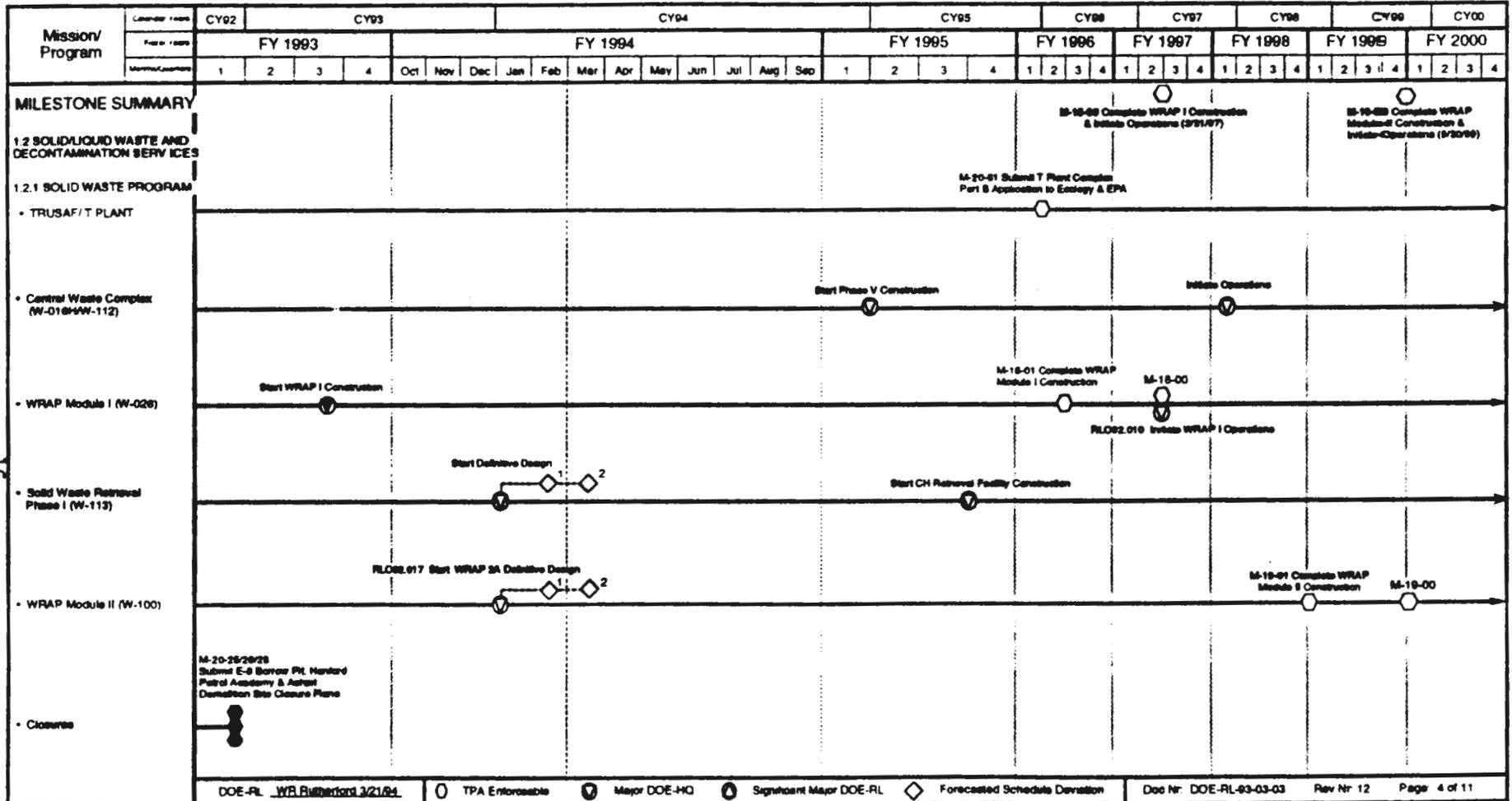


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DOE-RL - LEVEL 0 SCHEDULE

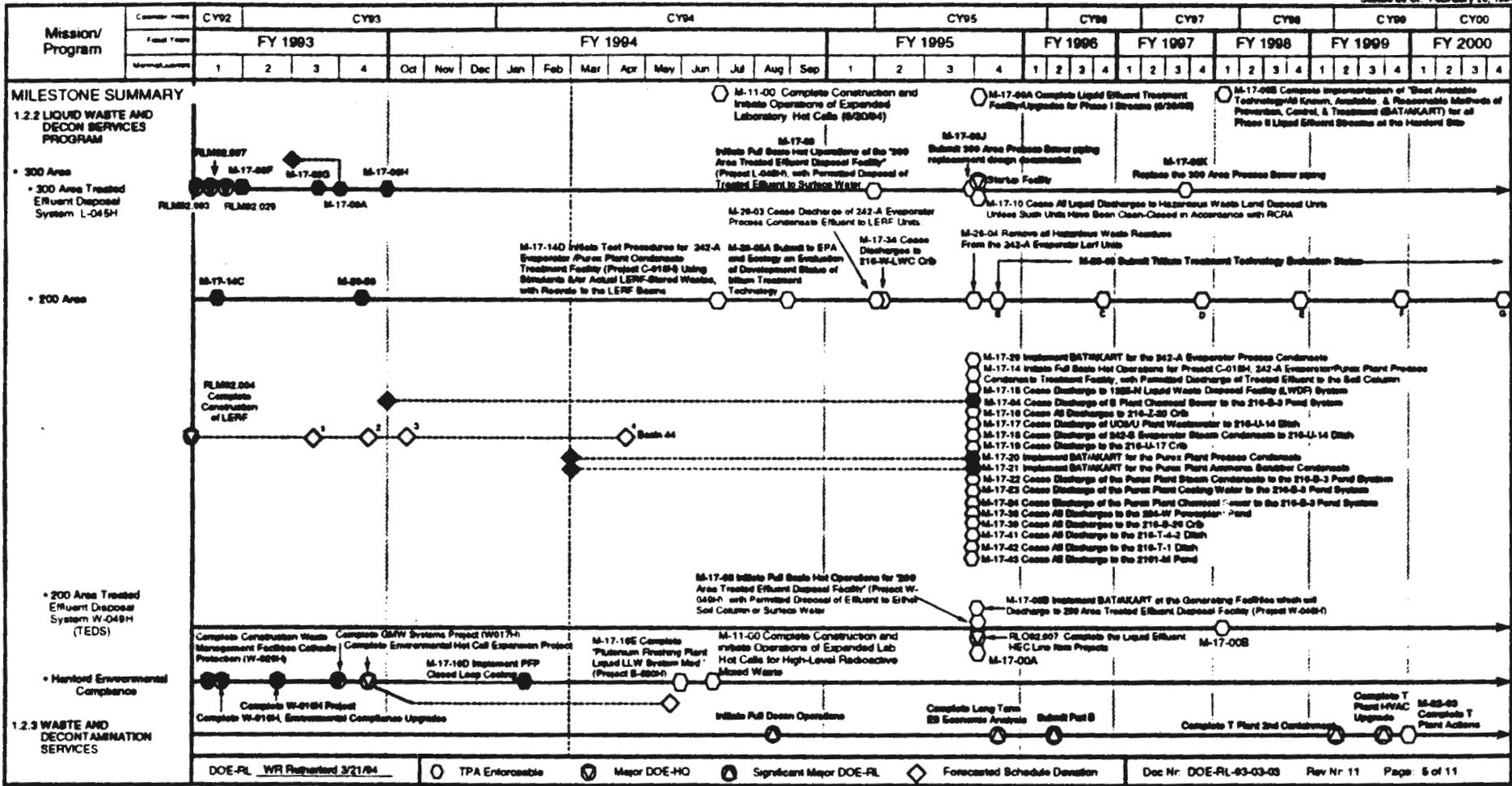
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DOE-RL - LEVEL 0 SCHEDULE

Status as of: February 28, 1994

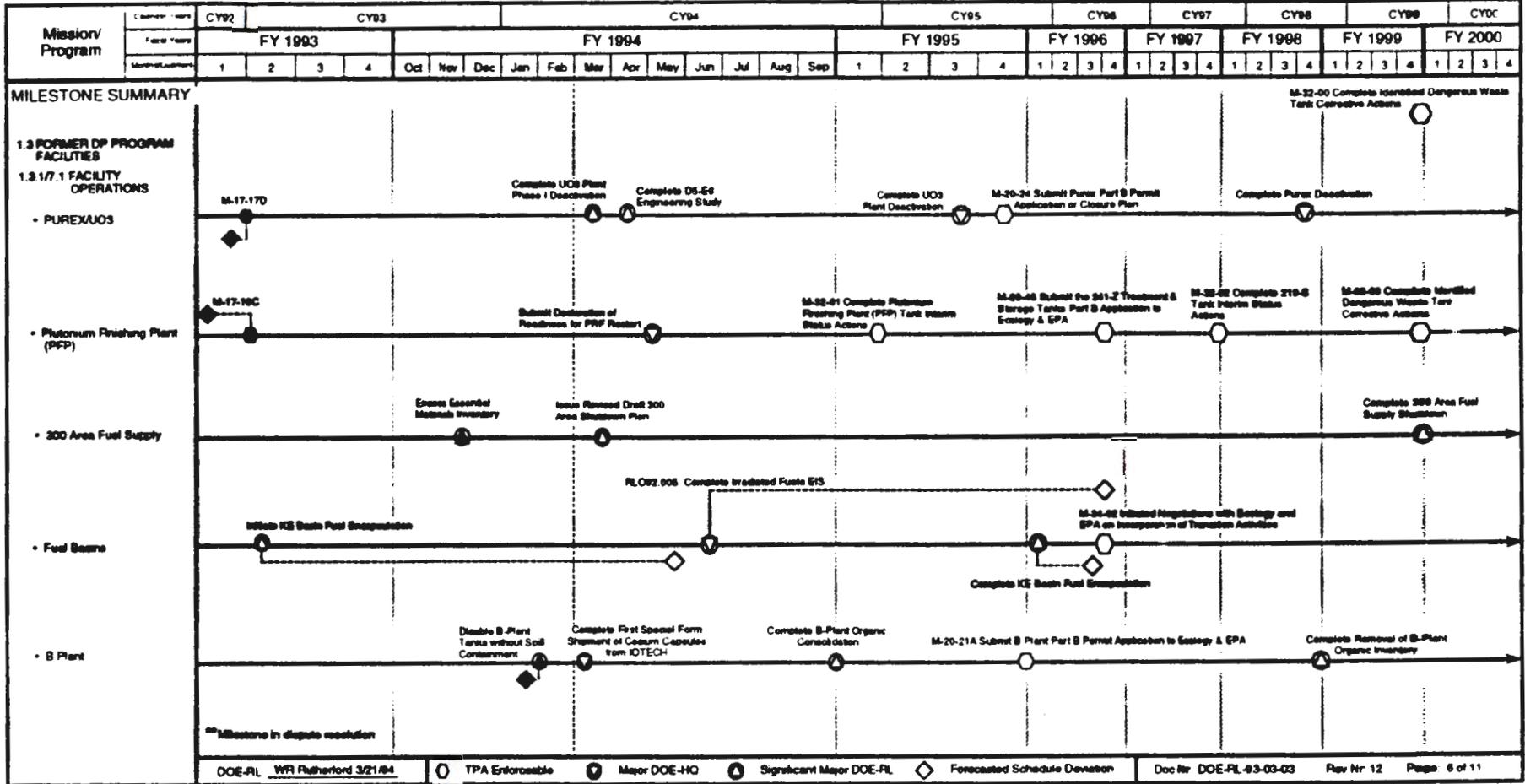


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DOE-RL - LEVEL 0 SCHEDULE

Status as of February 28, 1994

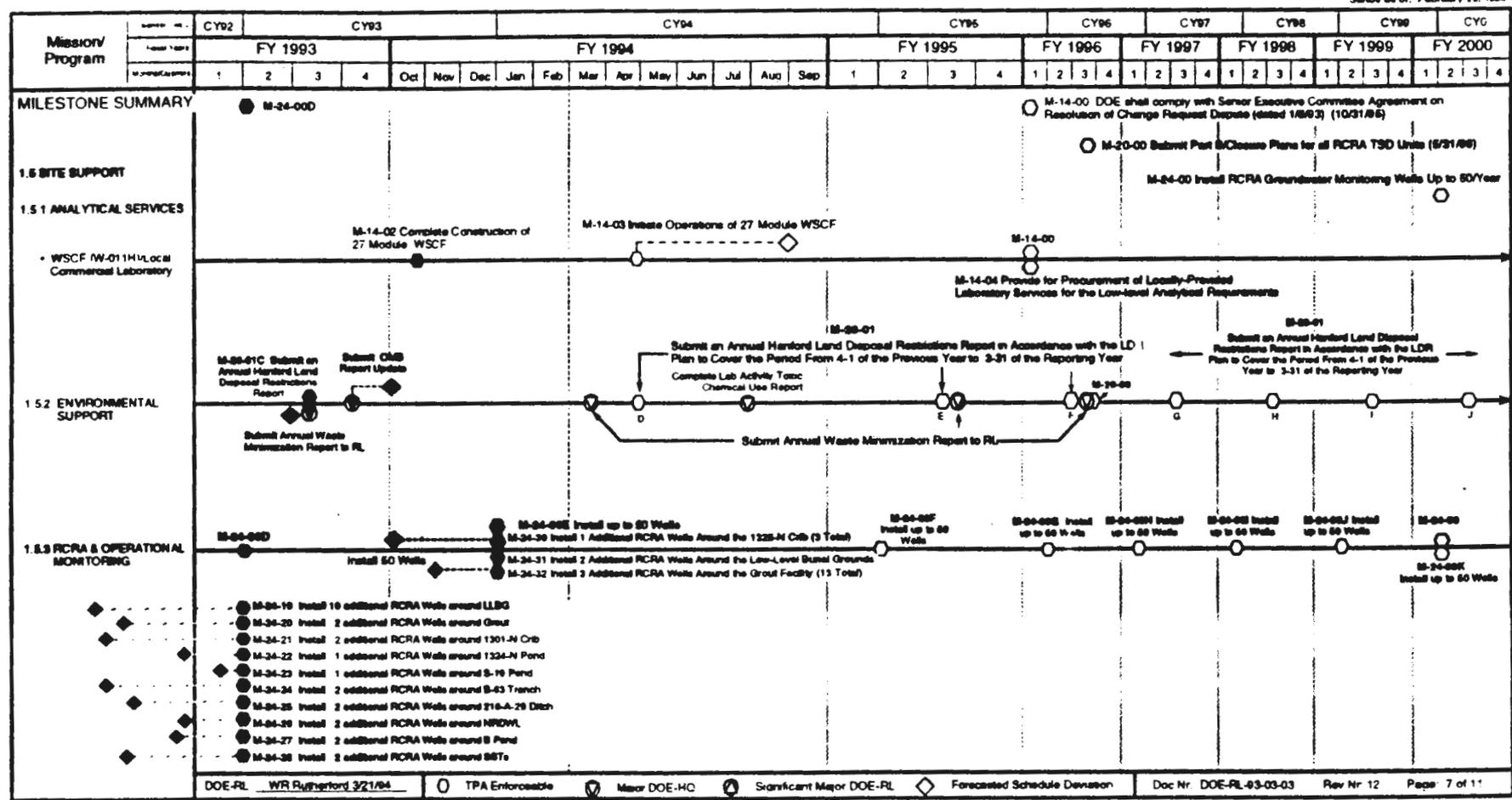


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DOE-RL - LEVEL 0 SCHEDULE

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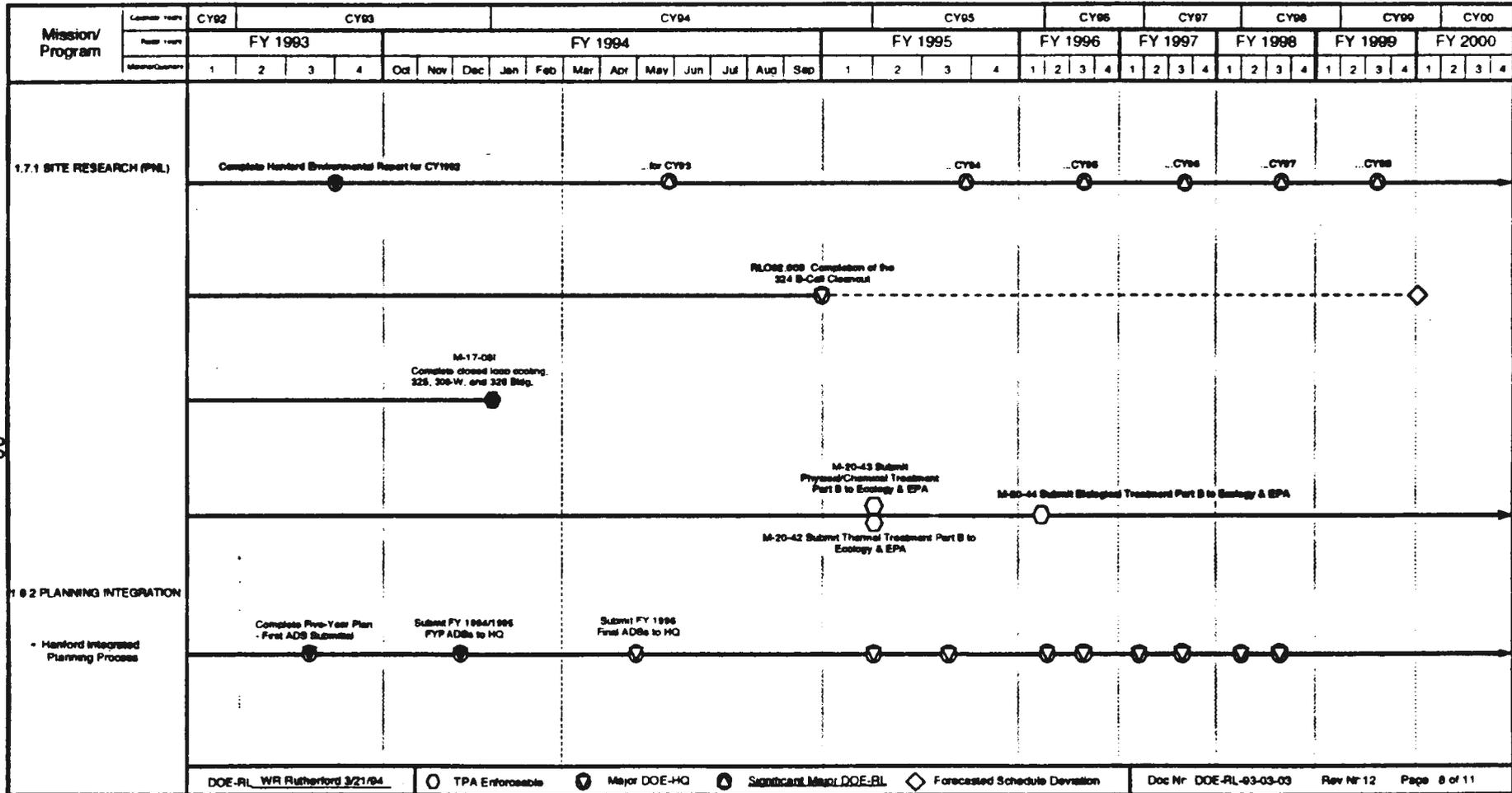


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DOE-RL - LEVEL 0 SCHEDULE

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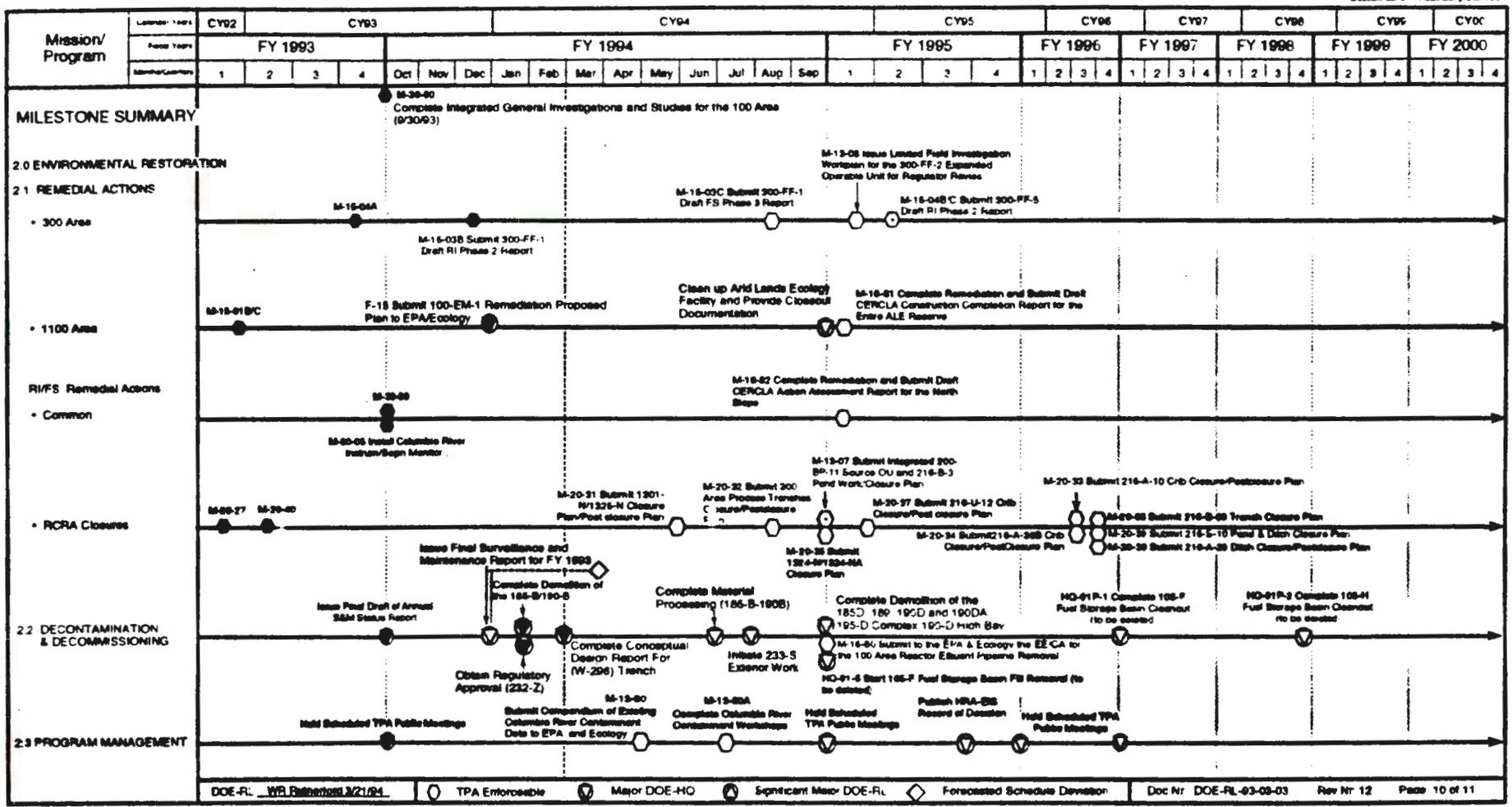


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DOE-RL - LEVEL 0 SCHEDULE

Status as of February 28, 1994

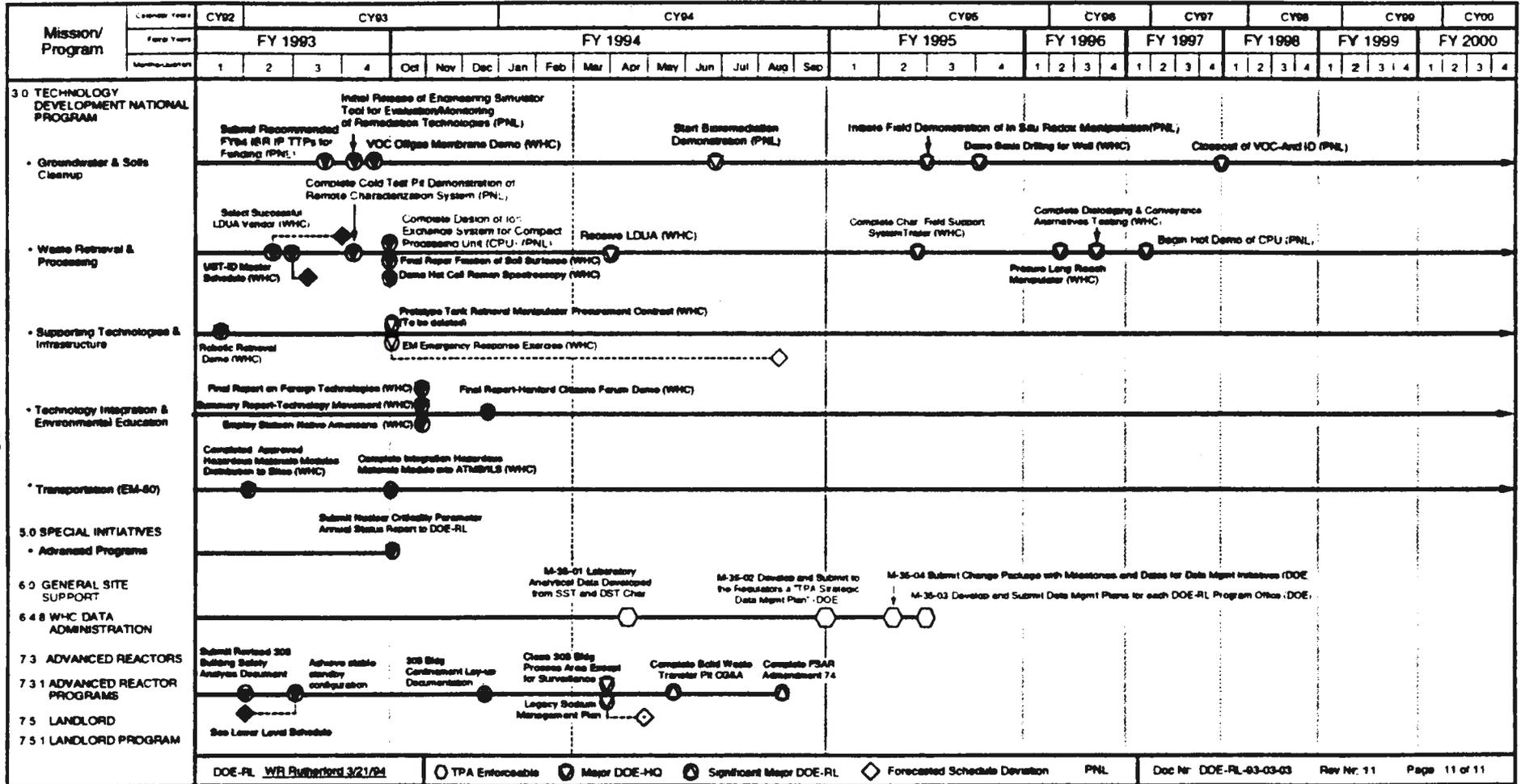


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DOE-RL - LEVEL 0 SCHEDULE

Status as of: February 28, 1994



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SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY	FEBRUARY 1994
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MILESTONES DUE BUT NOT COMPLETE

WBS	TYPE	MILESTONE	BASELINE DATE	CURRENT MONTH FORECAST	REASON/ IMPACT
1.1	DOE-HQ	Restart 242-A Evaporator	12/92 2/94	93 10/93 4/94 2/94 3/94*	This milestone has been rebaselined to March 1994. (TW1-94-540).
1.1	RL	Transmit Flammable Gas Synthetic Waste Study report	9/93	3/94*	Late submittal from Argonne National Laboratories and Georgia Institute of Technology resulting in a slip. Impact to be determined.
1.1	DOE-HQ	Close FeCN USQ (Safety Initiative 2s)	1/94	2/94 3/94*	Documents provided to HQ. No impact.
1.1	RL	HQ Approval of Key Decision 1 for 101-SY only.	12/93	3/94*	Awaiting HQ approval. Further delays in starting construction if approval is not received by March 15, 1994.
1.2.1	DOE-HQ	Start Definitive Design (W-113)	1/94	3/94	No impact.

* Indicates milestone changed from previous month
NOTE: PNL milestones are not addressed

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MILESTONES DUE BUT NOT COMPLETE

WBS	TYPE	MILESTONE	BASELINE DATE	CURRENT MONTH FORECAST	REASON/ IMPACT
1.2.1	DOE-HQ	Start WRAP 2A Preliminary (Title 1) Design	1/94	3/94	No impact.
1.2.2.1	DOE-HQ	Complete Construction of LERF	9/92	8/93 10/93 4/94	LERF construction is basically complete. Basin 44 liner remains to be done. There is no program impact since the 242-A Evaporator has not restarted.
2.0	DOE-HQ	Issue Final Surveillance and Maintenance Report for FY93	12/93	3/94	Higher priority project work has delayed this report. No impact.
3.1	DOE-HQ	RL438601 Emergency Management Training and Exercise "Conduct EM Emergency Response Exercise"	9/93	8/94	HQ direction is to reschedule the exercise until late in FY 1994 because of concerns raised by stakeholders. A change request is in process to move the milestone to August 1994. No impact on the overall program.

* Indicates milestone changed from previous month
NOTE: PNL milestones are not addressed

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY	FEBRUARY 1994
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FUTURE MILESTONES FORECASTED TO BE LATE

WBS	TYPE	MILESTONE	BASELINE DATE	CURRENT MONTH FORECAST	REASON/ IMPACT
1.5.1	TPA M-14-03	Initiate Waste Sampling and Characterization Facility (WSCF) Operations	4/30/94	8/31/94	Construction punch list items and program management issues are delaying startup activities. Delays in sample load from Liquid Effluent Programs allows for later WSCF startup without programmatic impact. A draft change request was presented to Regulators. No impact.
1.1	DOE-HQ	Achieve Waste Volume Reduction for 242-A Campaign 94-1	5/16/94	6/15/94	Due to delays in evaporator restart (HQ milestone TW1-94-540). Completion of other related milestones is being impacted.
7.3	DOE-HQ	Sodium Management Plan	3/94	4/94	A Class I Change Request has been submitted changing the completion date to April 1994. No impact.

* Indicated milestone changed from previous month
NOTE: PNL milestones are not addressed

SITE MANAGEMENT SYSTEM	EXPENSE STATUS REPORT (\$ In Ms)	FEBRUARY 1994
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WHIC AND OTHER CONTRACTORS SUMMARY

SMS WBS	WBS TITLE	CUMULATIVE TO DATE					FY 1994 CURRENT TOTAL PROGRAM GUIDANCE	AT COMPLETION		
		BCWS	BCWP	ACWP	SV	CV		BAC	FYSF	CARRYOVER
1.1	Tank Waste Rem System	191.0	175.3	155.3	(15.7)	20.0	474.4			
1.2	Solid/Liquid Waste	38.0	36.1	36.3	(1.9)	(0.2)	105.3			
1.3/7.1	Facility Operations	96.7	92.8	92.7	(3.8)	0.1	242.4			
1.5.1	Analytical Serv/Lab	18.2	16.2	16.0	(2.0)	0.2	43.8			
1.5.2/7.4	EM-30 HEMP/Inventories	4.3	4.2	4.8	(0.1)	(0.6)	14.3			
1.5.3	RCRA & Operational Monitoring	9.2	9.0	8.5	(0.2)	0.5	26.4			
1.8	Mgmt Integ & Planning	3.8	3.7	3.6	(0.2)	0.1	7.2			
2.0	Environ Restoration	76.8	71.8	69.2	(5.0)	2.6	217.1			
3.0	Technology Development	18.3	17.6	15.7	(0.7)	1.9	24.7			
5.0	Spec Init/Work for Others	3.7	3.6	3.1	(0.1)	0.5	11.6			
7.3	Advanced Reactor	24.0	23.8	22.0	(0.2)	1.8	62.3			
7.5	Landlord	6.9	6.9	6.7	(0.0)	0.2	17.6			
	TOTAL	\$490.9	\$461.0	\$433.9	(29.9)	27.1	\$1,247.1			

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ISSUES

WBS NO.	DATE IDENTIFIED	ISSUES	STATUS
1.1.1.1-21	01/94	Delay in 242-A Evaporator Restart will impact other related milestones	WHC has completed response to resolve operational readiness evaluation (ORE) punchlist items. Declaration of readiness is expected during the first week of March 1994. WHC is awaiting visit from ORE team for signoff on resolution of ORE punchlist items. New estimated completion date for 242-A Evaporator restart to be determined after resolution and signoff by ORE team of ORE punchlist items. (Stated 2/94)
1.1.1.1-31	02/94	Declaration of Tank 241-T-111 as a leaking tank may impact milestones due in March and April	Pumping of this tank is at the top of West Tank Farm's priorities. The scope of work associated with the pumping effort is being finalized at this time. The impact to other milestones will be evaluated and necessary adjustments proposed. (Stated 2/94)
1.1.1.2-35	02/94	Late DOE comments, delay in delegating SAR approvals to RL, and SubTAP comments are challenging the completion of the Tank 241-C-103 Safety Initiatives 2j and 2q, and Tri-Party Agreement milestone M-40-16, due March 31, 1994. DOE comments on the analyses are still outstanding.	A recovery schedule for closure of unreviewed safety questions will be developed. DOE comments are expected in early March 1994. (Stated 2/94)

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ISSUES

WBS NO.	DATE IDENTIFIED	ISSUES	STATUS
1.1.2.1-37	02/94	Baseline document (Program Plan, Program Management Plan, Program Management System Description and Baseline) will be delayed beyond the planned submittal date of March 31, 1994 (DNFSB commitment).	A revised plan is being developed which includes realistic time periods to complete program schedule integration and allow for thorough review by RL. (Stated 2/94)
1.1.2.2-30	01/94	Late DOE-HQ approval of Key Decision 1 (KD-1) for Project W-211 - Double Shell Tank Retrieval	Approval is expected by mid-March 1994. (Stated 2/94)
1.1.2.8.1-38	02/94	WHC has not received KD-2 (approval to commence Title II or final/detailed design) which can impact all M-42-00 Tri-Party Agreement milestones.	KD 2 is required during the month of March 1994 to support the current accelerated project schedule.
1.2.1-1	12/93	Failure to receive KD-1 on WRAP 2A by March 1994 will impact the project schedule and Tri-Party Agreement Milestone M-19.	WHC is working with RL to support KD-1 and privatization efforts. (Stated 12/93)
1.2.2.1-6	02/94	The current design to enter the 200 Area Effluent Treatment Facility (ETF) Dryer Room is through a hatch in the roof. This entrance defines the room as a permitted confined space requiring many prerequisites be met prior to entry. Any entry would require numerous resources, increase facility downtime and be cost prohibitive. A safer, cost effective entry can be designed/constructed (horizontal access [doorway]) which would eliminate the confined space classification.	Conditional approval of the change request, HEC-CCB-677, Rev. 0, was granted by RL. Agreement cannot be reached with the contractor, ADTECH, given the conditions stipulated in the approval of the change request. Other alternatives are being pursued. (Stated 2/94)

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ISSUES

WBS NO.	DATE IDENTIFIED	ISSUES	STATUS
1.2.2.1-7	02/94	Limits proposed by EPA for the 300 Area Treated Effluent Disposal Facility (TEDF) discharge into the Columbia River are too restrictive to allow consistent, compliant operation. Significant compliance concerns include unacceptably tight end-of-pipe discharge limits and excessive monitoring costs. Non-compliant operations will result in fines and penalties and possibly cease operations of 300 Area TEDF. This would shutdown all 300 Area operations.	A meeting was held with EPA Region 10 to discuss concerns but no solution was reached. Prior to the meeting, a counter proposal was made by WHC/RL but was rejected by EPA; however, a new set of limits was proposed by EPA. These new limits alleviated concerns for discharge of some metals, but contained both metals and organic limits that are not achievable on a routine basis. A second proposal for discharge limits is currently being prepared by WHC for consideration by EPA prior to the permit being sent out for public comment in late March. A meeting was held with the local EPA office and they will discuss the concerns raised by WHC/RL with the regional office. (Stated 2/94)

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ISSUES

WBS NO.	DATE IDENTIFIED	ISSUES	STATUS
1.2.2.1-9	02/94	The land lease required for the long-term use of the 300 Area TEDF outfall has not been granted. Tri-Party Agreement milestone M-17-09 is in jeopardy.	A 120-day extension to the Right of Entry Permit for the 300 Area TEDF outfall has been verbally received from the Washington State Department of Natural Resources (DNR). This extension will allow negotiations to continue with DNR until July 15, 1994, for a final lease of the affected lands. A revised draft lease package was prepared and should be submitted by mid-March 1994. The revised package still does not contain the liability language that the DNR continues to request and will remain a significant issue. This package will also include a request for an easement which would allow the whole lease issue to be avoided. Acceptance of the easement by the DNR is not expected. In consort with the lease effort, pursuit of a possible condemnation of lands continues in case the negotiations are unsuccessful. The appraisal has been completed by the Bonneville Power Administration of the land needed for the 300 Area TEDF. (Stated 2/94)
1.2.3-1 (FY 1993)	5/92	A large amount of low-level waste exists throughout the T Plant complex. The T Plant Head End also contains chemicals and obsolete equipment utilized in sodium experimentation. Without adequate funding these will continue to be industrial safety concerns.	Administrative controls will be continued during daily surveillances. Funding for this effort will be pursued in FY 1995 and FY 1996. The removal of the head end chemicals and equipment belonging to the Liquid Metal Reactor Program is scheduled to be funded in FY 1995 and FY 1996. (Stated 1/94)

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ISSUES

WBS NO.	DATE IDENTIFIED	ISSUES	STATUS
1.2.3-19 (FY 1993)	09/93	The T Plant office area (271-T) contains transite ducting with asbestos. An air sampling plan was implemented in the 2nd quarter of FY 1993. All results have been negative. If required to remove ducting, funding for an alternative temporary office while performing asbestos removal does not exist.	Air sampling program is continuing with negative results to date. A work plan was generated to remove the asbestos. Removal is scheduled for FY 1994 at a cost of \$600K to be funded from T Plant expense funds. T Plant is second in FY 1995 on the Hanford Site Asbestos Abatement Plan. ISSUE CLOSED. (Stated 2/94)
1.2.3-24	01/94	The T Plant Electrical Upgrade and the T Plant Control Room Upgrade are unfunded. Electrical equipment does not meet current code requirements and controls are scattered throughout T Plant.	The midyear budget process will be followed closely to ensure that the funding is forthcoming. (Stated 1/94)
1.5.1-23	01/94	Approval of 222-S Hot Cell Expansion Interim Safety Basis (ISB) may delay startup and potentially impact Tri-Party Agreement Milestone M-11-00 (due June 1994).	Delayed in review for several months. The interim operational safety requirements will be incorporated into the ISB and transmitted to RL for approval in March 1994. (Stated 2/94)
1.5.3.1	01/94	The data management validation method specified in sections of the Tri-Party Agreement may greatly increase the cost of sampling and analysis. Reporting timing requirements cannot be met.	Assessing impact; participating in site data management planning. (Stated 1/94)
1.8.2.3-3	01/94	No formal guidance has been received from RL relating to the development of the FY 1996 Activity Data Sheets (ADSs). It is unclear as to what budget barriers may exist to the full integration of all activities.	Guidance received. ISSUE CLOSED (Stated 2/94)

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ISSUES

WBS NO.	DATE IDENTIFIED	ISSUES	STATUS
1.8.2.1-4	02/94	Preparation of the Hanford Strategic Plan (HSP) is concurrent rather than preceding the FY 1994 Hanford Mission Plan (HMP) Volume 1, "Site Guidance." This includes stakeholder involvement/review. The two documents need to be consistent. This will delay completion of the HMP Volume 1 by at least one month which in turn will impact the formulation of the Site baseline MYPPs.	Discussions have been initiated with RL's Office of Planning and Integration to establish a revised schedule and work around to minimize disruption of baseline development. (Statused 2/94)
6.7.2.1.8	12/93	WHC has been asked to provide radiological surveys to the USACE to support RI/FS work in the ALE and North Slope and facilitate release of areas. No standards exist at the present time to release Hanford property for unrestricted use.	Several meetings have been held with RL, Ecology and USACE. It appears that EPA will sign to release the area. WHC will continue to work with all parties. (Statused 2/94)
6.10.5-14	10/93	Access to training records of WHC employees by regulators, e.g., Ecology and EPA.	WHC and RL have received a compliance letter from Ecology concerning access to WHC training records covered by the Privacy Act. Ecology has given WHC and RL until March 27, 1994, to take corrective action. The corrective action requested by Ecology, i.e., the creation of a duplicate set of records, is not permissible under the Privacy Act. RL has not published its final rule. (Statused 02/94)