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WHC-SP-0969-36

# Site Management System Executive Summary Report -- March 1994

E. A. Schultz

Date Published  
March 1994

Prepared for the U.S. Department of Energy  
Office of Environmental Restoration and  
Waste Management



**Westinghouse  
Hanford Company**

P.O. Box 1970  
Richland, Washington 99352

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

Approved for Public Release



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## EXECUTIVE SUMMARY

### PROBLEMS/ISSUES/CONCERNS:

- 1) Declaration of Tank 241-T-111 as a Leaker: Declaration of Tank 241-T-111 as a leaking tank may impact future milestones. (Work Breakdown Structure [WBS] 1.1)
- 2) Delegation of Approval of Safety Analysis Reports (SARs): The Secretary of Energy's Safety Initiative 2c to formally delegate authority to the U.S. Department of Energy, Richland Operations Office (RL) for approval of SARs by November 1993 is four months behind schedule. Two (Close Tank 241-C-103 and Close SY Farm Flammable Gas) unreviewed safety questions (USQs) are impacted. (WBS 1.1)
- 3) Coal Contractor: The coal contractor supplier has defaulted. The coal used in the 200/300 Areas is primarily for facility process steam and building heat at the Plutonium Finishing Plant (PFP), T-Plant, B-Plant, Tank Waste Remediation System (TWRS), the Plutonium-Uranium Extraction Facility (PUREX) and the 242-A/242-S Evaporator. (WBS 1.5.2/6.9/7.4)
- 4) Fiscal Year (FY) 1994 Reprogramming Request: Approval of the FY 1994 reprogramming request of \$33.2 million has not been received. The request has been signed by the Assistant Secretary for Environmental Management and forwarded to the Controller but it has not yet been submitted to the Office of Management and Budget (OMB). Approval of the reprogramming request was expected by March 1994. If approval is not received by May 1, 1994, workscope will have to be deleted or curtailed and payment of the back taxes to the counties will be impacted. (WBS 1.8.2)
- 5) Draft Hanford Facility Hazardous Waste Permit (HFHWP): Comments on the draft HFHWP were submitted to the State of Washington Department of Ecology (Ecology) and the U.S. Environmental Protection Agency (EPA). If issues of financial assurances and liability protection, mapping and marking of underground pipelines, and facility-wide groundwater monitoring, continue to be permit conditions, they will add hundreds of millions of dollars to cleanup costs. In addition, if Westinghouse Hanford Company (WHC) is required to post bonds covering the cost of cleanup in future years, it remains uncertain whether those bonds could be obtained at any price in the marketplace. (WBS 6.10.5)

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**CORRECTIVE ACTIONS:**

- 1) 241-T-111: A resource-loaded schedule was provided to RL for emergency pumping of 241-T-111. A Class 1 Baseline Change Request is in the final approval process which identifies the described workscope and funds needed for emergency pumping. Declaration of this tank as a leaker will dilute WHC engineering and field support as it is diverted to work on the emergency pumping effort.
- 2) SARs: The Department of Energy - Headquarters (DOE-HQ) has deferred the implementation for delegation of approval authority to RL until April 1994. RL has provided DOE-HQ with an implementation plan to accomplish the transition by April 1994.
- 3) Coal Contractor: RL is arranging for another broker and supplier. A contingency order was placed through WHC for 1,000 tons of coal. This shipment will leave the mine no later than April 13, 1994, and the coal will be shared between 200 East and 200 West Areas as required. The 200 Area steam group has evaluated coal needs and determined that there is sufficient supply on hand to last until May 16, 1994. The 300 Area has 5,000 tons available as well as the oil-fired boilers.
- 4) FY 1994 Reprogramming: A letter will be provided to RL documenting specific impacts. To date, the reprogramming request is still in the DOE-HQ Controller's Office for review and has not yet been submitted to OMB or Congressional committees.
- 5) HFHWP: RL/WHC is negotiating with EPA and Ecology on this matter. A letter was sent by WHC to RL requesting that the costs associated with the bond and liability policy be treated as an allowable cost.

**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 March 16, 1994, after working 19 days without a disabling case. Customer satisfaction is being maintained in a positive manner. Schedule and cost concerns are noted for the Hanford Environmental Compliance Program (WBS 1.2.2), Analytical Services (WBS 1.5.1) and the Security Transition Office (WBS 6.11). Details on key performance indicators are provided in the individual Program reports.

**PERFORMANCE SUMMARY:**

March performance data reflects a fiscal year to date (FYTD) negative schedule variance of \$36.0 million (6.8 percent) and a FYTD positive cost variance of \$21.0 million (4.0 percent). All WBS elements are within established thresholds (+/- 10 percent). Individual program performance is listed on page 31. Estimates at completion, fiscal year spending forecasts, and projected carryover workscope are also included. This information will be included each month for the remainder of the fiscal year.

**SCHEDULE STATUS (DOE-HQ/RL):**

Pending approval of the 1994 Fiscal Year Work Plans (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 March 1994. Four FYWPs (Facility Operations [WBS 1.3.1/7.1], Maintenance [WBS 6.2], Facility Operations Department Overhead [WBS 6.12.1], and Restoration and Remediation Department Overhead [WBS 6.12.3]) remain to be approved. One FYWP, TWRS (WBS 1.1) received conditional approval. These FYWPs identified 429 DOE-HQ/RL milestones scheduled FYTD. Of these 429, 364 milestones (85 percent) were completed as scheduled.

The 65 milestones scheduled FYTD which are late are found in seventeen different programs and do not share common causes. Fifteen of these milestones are critical path as defined by the Level 0 schedule. Detailed explanations for these milestones can be found on pages 25 through 29.

Six prior year milestones remain open (3 DOE-HQ and 2 RL). Of these, one DOE-HQ and two RL's are associated with TWRS (WBS 1.1). One DOE-HQ milestone is associated with Liquid Effluents (WBS 1.2.2.1) and two DOE-HQ milestones are part of Technology Development (3.0). These milestones are addressed in the "Milestones Due But Not Complete" section of the Executive Summary found on pages 25 through 29.

**Future Milestone Status**

The Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) interim milestone M-14-03, "Initiate Waste Sampling and Characterization Facility (WSCF) Operations," (WBS 1.5.1, Analytical Services) 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 November 30, 1994, completion date. Two future DOE-HQ milestones have also been identified as in jeopardy. One is found in TWRS (WBS 1.1) and the other is in Facility Operations (WBS 1.3.1/7.1) neither of which have approved FYWPs. Additional information on these milestones can be found in the "Future Milestones Forecasted To Be Late" section of the Executive Summary four on page 30.

**TECHNICAL STATUS:**

The Long-Term Decontamination Engineering Study is on schedule to have a draft report submitted to RL in April 1994. (WBS 1.2.3)

The pressurized water reactor pool integrity assurance efforts and pool chiller test are continuing. The seismic study effort has been completed and the final report will be approved in early April 1994. The study shows that the pool can withstand a seismic event if 17 feet of water is maintained in the pool and if the present cover block configuration is maintained. (WBS 1.2.3)

The No-Intervention Public Health Risk Assessment document was delivered to RL on March 31, 1994. (WBS 1.8.2)

Systems engineering activities made substantial progress in March. The draft Hanford Sitewide Systems Engineering Management Plan (HS-SEMP) and the draft Sitewide Systems Engineering Configuration Management Plan (HS-SECMP) were completed. The HS-SEMP describes the systems engineering management process for the Hanford Site. The HS-SECMP defines documentation, controls, and status methods for all Hanford sitewide systems engineering baseline products. (WBS 1.8.2)

The draft Hanford Site Integrated Schedule was issued to the Programs March 15, 1994, and presented to RL. The schedule will continue to be refined as the FY 1995 MYPPs are developed in order to produce a site critical path and perform analyses, develop recovery plans, and prioritize work at Hanford. (WBS 1.8.2)

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 was issued in March 1994. (WBS 6.7.2.1)

**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.

There were five enforceable Tri-Party milestones due in March 1994. All were completed on or ahead of schedule. One milestone due in June 1994 was completed early.

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The Tri-Party Agreement was placed on the Hanford Local Area Network under the Hanford Information directory. The document is now available to site network users and can be downloaded. General distribution of the final published document is scheduled for mid-April. (WBS 1.5.2/6.9/7.4)

On March 9, 1994, at a meeting between WHC, RL and the regulators, preliminary agreement was reached on plans for proceeding with the Waste Receiving and Packaging (WRAP) Module 2A. The parties also agreed with plans to initiate a request for proposal (RFP) for privatization of WRAP 2A. (WBS 1.5.2/6.9/7.4)

Public meetings were held in Vancouver, Washington, Portland, Oregon, and the Tri-Cities dealing with Resource Conservation and Recovery Act (RCRA), site prioritization and budget topics. (WBS 1.5.2/6.9/7.4)

Future Milestone Status

Tri-Party Agreement Interim milestone M-14-03 (WBS 1.5.1), "Initiate Waste Sampling and Characterization Facility (WSCF) Operations," originally 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 with a forecasted completion date of November 30, 1994.

MAJOR ACCOMPLISHMENTS:

A WHC reorganization was announced in March 1994 to more clearly define major program areas and to align the support necessary to be successful in Hanford's mission. Four centers of excellence were established (Construction Projects, Conduct of Operations, Training and Systems Engineering); self-contained project teams were formed to address specific problems and have all the resources necessary to accomplish their individual mission(s) (e.g., K-Basins); and, the structure is responsive to recommendations made by the Defense Nuclear Facility Safety Board and allows WHC to be more outcome-oriented while focusing on high-value work related to the highest priorities. (General)

The Environmental Restoration Contract transition has begun. WHC staff has been working closely with Bechtel Hanford, Inc. (BHI). Briefing activities were initiated on March 8, 1994, when the BHI Team mobilized onsite. (General)

Field work commenced on the 241-C-106 Retrieval Project (W-320). New containment was erected and shielding was installed which eliminated the high radiation area within the 241-C-106 pump pit. (WBS 1.1)

Secretary of Energy Safety Initiative milestone 2q and Tri-Party Agreement milestone M-40-16, "Complete Sampling and Safety Evaluation of Liquid Organic in Tank 241-C-103" were successfully completed. The conclusions of this work are: 1) the flashpoint of the separable organic layer is well above tank storage temperature; 2) concentrations of vapors and aerosols are very low and did not contribute significantly to concentrations of flammable species in the

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tank headspace; and 3) analysis of tank samples indicate that organic nitrate/nitrite reaction accidents are not credible. (WBS 1.1)

RL received authorization to approve restart of the 242-A Evaporator/Crystallizer from DOE-HQ. The physical plant has been reconfigured for startup, operating safety requirement (OSR) surveillances are being done, and the RCRA surveillance is upcoming in anticipation of RL providing WHC the authorization to restart the 242-A Evaporator. (WBS 1.1)

Closure of the Ferrocyanide USQ was approved by the Program Secretarial Officer for Environmental Restoration and Waste Management on March 1, 1994. Closing the USQ is the first of two steps leading to final resolution of the ferrocyanide safety issue. The second step is devoted to obtaining core samples from the remaining ferrocyanide tanks to validate that the safety criteria for the "safe" or "conditionally safe" categories are met. A notification letter to the Ecology and EPA on the closure of this USQ was prepared and transmitted to RL. (WBS 1.1)

Approval to close the Criticality USQ on the potential for nuclear criticality in Hanford tanks was provided by a memo from the Assistant Secretary for Environmental Management to the RL Manager on March 17, 1994. The approval letter stated that the restrictions imposed by the justification for continued operations will remain in effect in tank operations until new criticality prevention specifications (CPSs) and operator training to these CPSs are complete. It is anticipated that these actions will be completed by May 1, 1994. (WBS 1.1)

In support of the Secretary of Energy's Safety Initiative 5e28, the first of 15 surface level gauges for FY 1994 was installed. (WBS 1.1)

The TWRS Functions and Requirements (technical baseline) and the TWRS Systems Engineering Management Plan were issued to RL for review and approval. (WBS 1.1)

Construction of the Radioactive Mixed Waste Disposal Facility (W-025) is complete. Final acceptance test procedures are to be completed on April 7, 1994. Final walkdown for construction acceptance is scheduled for April 7 and 8, 1994. (WBS 1.2.1)

The WRAP 1 area has been cleared and grubbed for the temporary worksite and ground breaking ceremonies. Mobilization was initiated which includes the installation of temporary power and the delivery of construction trailers. The contractor/vendor submittal process has begun which includes a 60-day construction look ahead schedule. (WBS 1.2.1)

The draft operation procedures and Final Safety Analysis Report (FSAR) for the 300 Area Treated Effluent Disposal Facility (TEDF) were issued in March 1994. (WBS 1.2.2 1)

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A final draft of the Waste Encapsulation Storage Facility Cesium Return Program Environmental Assessment (EA) was transmitted to RL on March 9, 1994. The draft EA was approved by DOE-HQ and submitted to the affected State Governors Association on March 25, 1994. (WBS 1.3.1/7.1)

The PUREX E-F11 Concentrator Process Test report was completed and issued 19 days ahead of schedule. (WBS 1.3.1/7.1)

A workshop was held in Mission, Oregon for the Confederate Indian Tribes of the Umatilla Indian Nation to review interim actions and the recent decision by DOE to prepare an environmental impact statement for the PFP prior to restart. (WBS 1.3.1/7.1)

The Calendar Year (CY) 1993 Groundwater Monitoring Report was issued to the state and federal regulators. (WBS 1.5.3)

The CY 1993 EIS-Onsite Discharge Information System data was transmitted to the Idaho National Engineering Laboratories as scheduled. (WBS 1.5.3)

A presentation was given to DOE-HQ, RL and the regulators outlining the proposal for the Integrated Target Case for FY 1996 - 2000 Five Year Plan. This presentation focused on achieving the most effective plan for the Site that is achievable within the target level funding guidance. Four separate integrated priority lists (Hanford Integrated Environmental Management Program [excluding Technology Development]; Waste Management [EM-30]; Environmental Restoration [EM-40], and, Facilities Transition [EM-60]) were also provided. (WBS 1.8.2)

The Hanford Sitewide Systems Engineering Data Base Mission Requirements Specifications report was completed. (WBS 1.8.2)

The Hanford Strategic Analysis was completed. This document analyzes a total of three end states and 15 process options including the FY 1994 planning basis used in the FY 1995 Hanford Mission Plan Volume 1, "Site Guidance".

The final EM Site Specific Plan was submitted to RL 1.5 months ahead of schedule. (WBS 1.8.2)

An emergency preparedness tabletop exercise (DANUBE) was conducted on March 24, 1994. This was an exercise responding to a 300 Area event and involved WHC, Pacific Northwest Laboratory (PNL), RL and the various state and county agencies representing the areas that would be affected by the plume. Consensus from the participants was that the exercise was very well done and that the Emergency Preparedness Program has made great strides. (WBS 6.7.2.3)

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The WHC/Boeing Computer Sciences, Richland/ICF Kaiser Hanford staffing plan was delivered to RL ahead of schedule. (WBS 6.10.2)

WHC teamed with RL to conduct two successful Hanford media briefings in Washington, D.C. and New York City. The media turnout was considered excellent. Media representatives included Newsweek, New York Times, Popular Science, Popular Mechanics, Associated Press, Reuters Newswire, CBS Evening News, Energy Daily and many others. Media response to the briefings has been positive. (WBS 6.10.6)

A media tour and briefing for 20 local and regional area media on the Hanford K-Basins was initiated as a strategy to get ahead of emerging media issues. The media tour and briefing was featured during a live broadcast by KXLY of Spokane, Washington. This was the first time in history a live broadcast was conducted from the Hanford reactor areas. (WBS 6.10.6)

A low-level waste (LLW) workshop/briefing was conducted involving 30 technical and stakeholder representatives. Organizations represented at the briefing include Hanford Education Action League, Heart of America Northwest, Columbia River United, Hanford Watch, the Tri-Cities Technical Exchange, Hanford employee delegates to the Hanford Advisory Board, WHC, PNL, RL, and DOE-HQ. Discussions focused on the upcoming selection of glass melter contractors, progress in moving the LLW glass program forward, background on the Facility Evaluation Options Study and the LLW Performance Assessment Study. (WBS 6.10.6)

A significant milestone in the Hanford transition and cleanup effort was achieved with the closure of the plutonium processing and laboratory portion of the 308 Building. This milestone was completed nearly a week early, and the scope of work activity completed was larger than the milestone's description. The revised Interim Safety Basis for the 308 Building was transmitted to RL on March 25, 1994. (WBS 7.3)

The Fast Flux Test Facility (FFTF) Shutdown Program Plan, including a summary schedule, was submitted to RL on March 4, 1994, eleven days in advance of the milestone date. The plan provides the major elements and project baseline for the deactivation activities necessary to transition the FFTF to a radiologically and industrially safe shutdown condition. (WBS 7.3)

Phase 2 of the Surplus Facility Inventory Assessment was completed on March 29, 1994. (WBS 7.5)

The Finding of No Significant Impact (FONSI) for the SR 240 Access Road has been received. It contains a stipulation that construction cannot begin until the end of the nesting seasons (approximately the end of June). Everything will be in order for the contractor to start construction as soon as the nesting season is over. (WBS 7.5)

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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	◇	◇	◇	◇	◇

6

WHC-SP-0969-36

**LEGEND**

<p><u>Rating Gradient Symbols</u></p> <p>■ Outstanding</p> <p>□ Good</p> <p>◇ Satisfactory</p> <p>○ Marginal</p> <p>● Unsatisfactory</p>	<p><u>Indicators</u></p> <p>+ Improved from last month</p> <p>-- Worsened from last month</p> <p>↑ Improved future outlook</p> <p>↓ Worsened future outlook</p>
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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	□	□	□	□	□
6.4	INFORMATION MANAGEMENT	□	□	□	□	□
6.6	SAFEGUARDS & SECURITY	■	■	■	■	■
6.7.2.1	SAFETY & QUALITY	□	◇	-- ◇	-- ◇	□
6.7.2.2	HANFORD FIRE DEPARTMENT	□	□	□	□	□

10

MHC-SP-0969-36

**LEGEND**

<u>Rating Gradient Symbols</u>	<u>Indicators</u>
■ 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	□	□	■	□	□

**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.

## 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	□	□	□	□	□

12

MHC-SP-0969-36

**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.

**SITE MANAGEMENT  
SYSTEM**

**WESTINGHOUSE HANFORD COMPANY**

**MARCH 1994**

### MILESTONE ACHIEVEMENT

Type	Current Month Milestones			Fiscal Year To-Date Milestones			Remain Sched	FYWP Total	
	Sched*	Comp	Delin-quent	Sched*	Comp	Delin-quent			
T P A	Major	0	0	0	2	2	0	2	4
	Interim	5	5	0	26	26	0	53	79
D O E	HQ	10	4	6	29	17	12	17	46
	FO	7	6	1	34	32	2	41	75
	RL	99	67	32	366	315	51	451	817
<b>Total</b>		121	82	39	457	392	65	564	1021

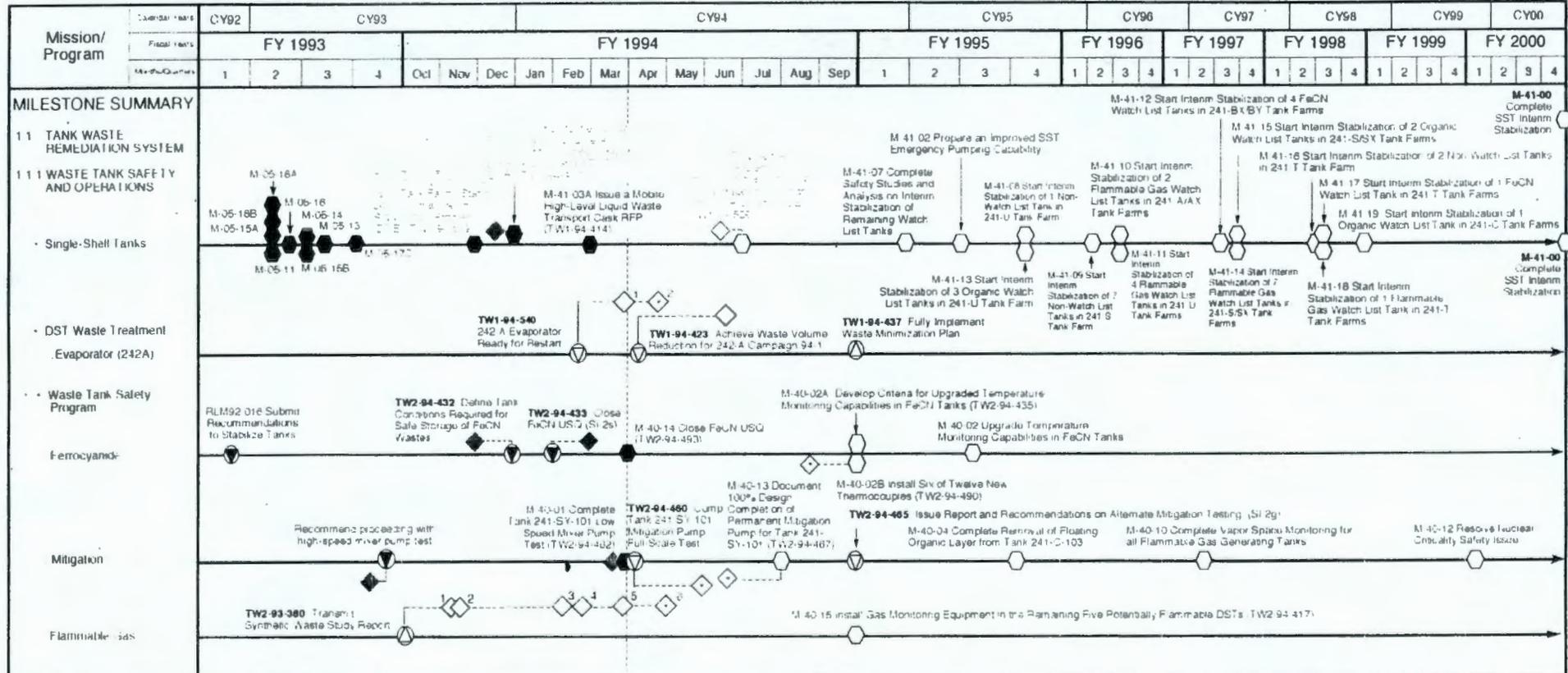
\* Scheduled milestones reflect the approved baseline. Does not include EM-50, Technology Development Milestones.

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

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# DOE-RL - LEVEL 0 SCHEDULE

Status as of: March 31, 1994



14

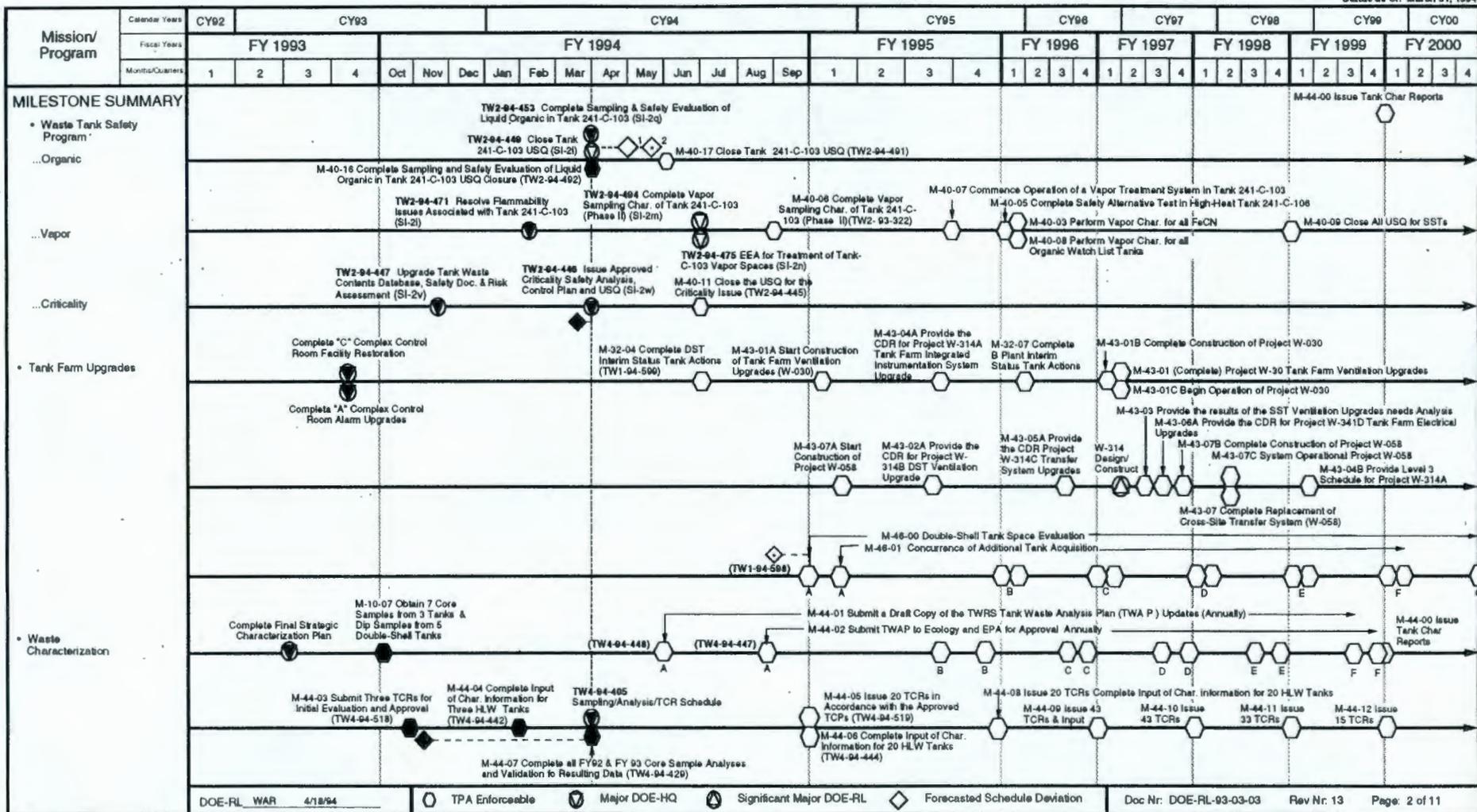
MHC-SP-0969-36

Legend		Change Record		Approvals			Title Block	
○	TPA Enforceable	Rev No	CIN No	Date	Pacific Northwest Laboratories	Westinghouse Hanford Company	U.S. Department of Energy, RL	KCF Kaiser Hanford Company
⊖	Major DOE-HQ	12	HWP 1075	12/18/94				
⊕	Significant Major DOE-RL		FYWP (TWPS)	12/24/94				
◇	Forecasted Schedule Deviation		M-15-94-01	12/24/94				
★	Change from Prior Month		M-13-94-02	12/24/94				
◇	Forecast Change - Later		TWR 94-003	12/31/94				
◇	Forecast Change - Earlier		R421207	10/27/90				
			FYWP Approval	12/25/94				
			TPA Agreement	12/25/94				
			44-11172	12/25/94				
			FY-94-007	12/31/94				
					H. D. Massey PNI ERWM Directorate	D. L. Borders Program Baseline Integration	W. A. Rutherford Office of Planning and Integration	B. R. Estey Project Planning & Control Services
					Approved by: <i>Howard Massey</i> 4-15-94 <i>D. L. Borders</i> 4/15/94 <i>W. A. Rutherford</i> 4/15/94 <i>Mark Kuntz</i> 4/15/94			
					Document Title: Level 0 Schedule Document Number: DOE-RL-93-03-03 Revision Number: 13 Page 1 of 11 Planner: David M. Fider 376 0755			

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# DOE-RL - LEVEL 0 SCHEDULE

Status as of: March 31, 1994

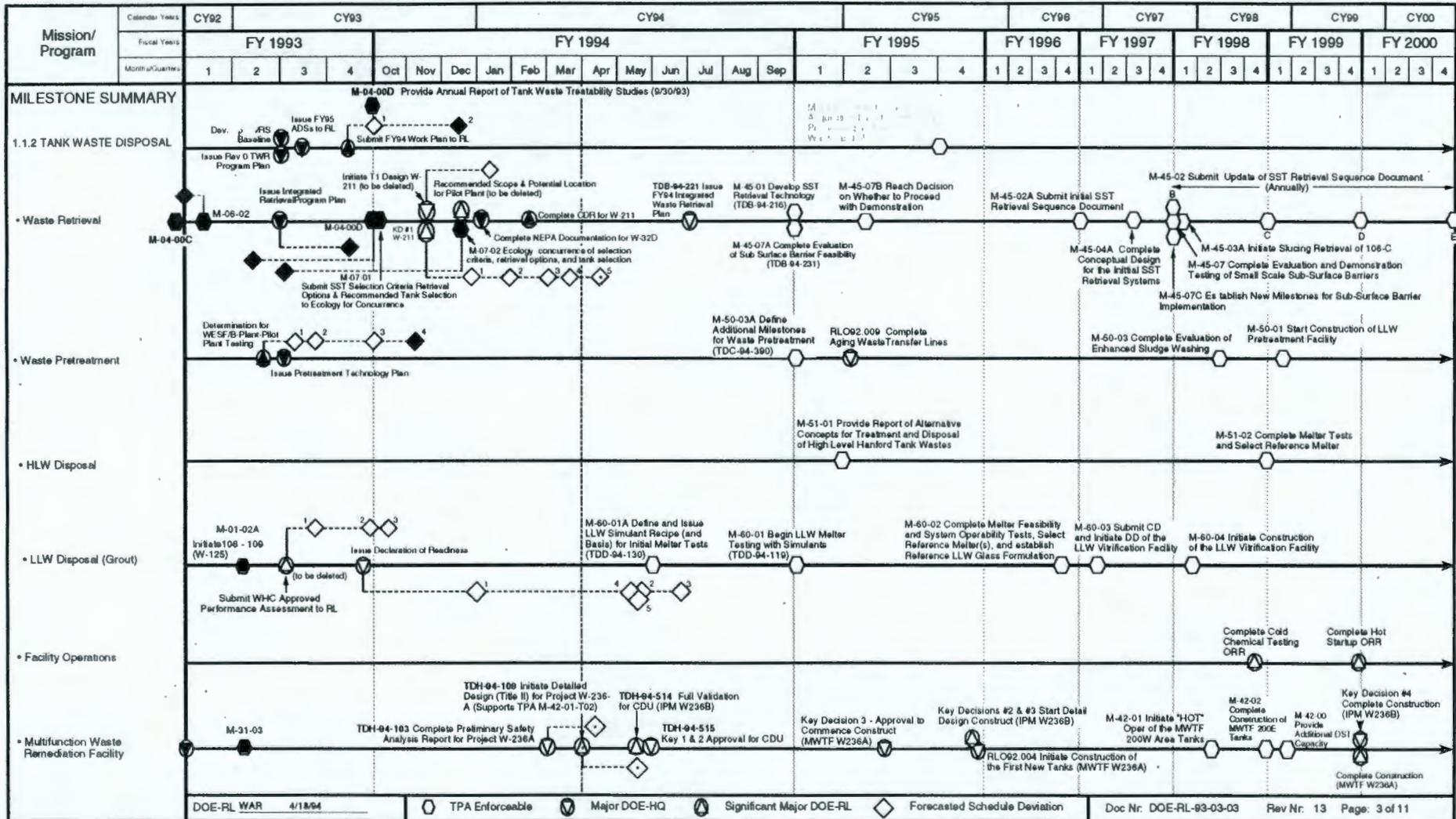


15

MHC-SP-0969-36

# DOE-RL - LEVEL 0 SCHEDULE

Status as of: March 31, 1994



# DOE-RL - LEVEL 0 SCHEDULE

Status as of: March 31, 1994

Mission/ Program	Calendar Years		CY92				CY93				CY94					CY95				CY96				CY97				CY98				CY99				CY00					
	Fiscal Years		FY 1993				FY 1994									FY 1995				FY 1996				FY 1997				FY 1998				FY 1999				FY 2000					
	Months/Quarters		1	2	3	4	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
<b>MILESTONE SUMMARY</b>																																									
1.2 SOLID/LIQUID WASTE AND DECONTAMINATION SERVICES																																									
1.2.1 SOLID WASTE PROGRAM																																									
• TRUSAF/ T PLANT																																									
• Central Waste Complex (W-016H/W-112)	<p>A71-94-008 Start Definitive Design (W-112) [1] [2] [3]</p> <p>Start Phase V Construction</p> <p>Initiate Operations</p>																																								
• WRAP Module I (W-026)	<p>Start WRAP I Construction</p> <p>M-18-01 Complete WRAP Module I Construction</p> <p>M-18-00 Complete WRAP I Construction &amp; Initiate Operations (3/31/97)</p> <p>RLC92.010 Initiate WRAP I Operations</p>																																								
• Solid Waste Retrieval Phase I (W-113)	<p>A81-94-009 Start Definitive Design (W-113) [1] [2] [3]</p> <p>Start CH Retrieval Facility Construction</p>																																								
• WRAP Module II (W-100)	<p>3A5-94-007 RLO92.017 Start WRAP 2A Preliminary Design [1] [2] [3]</p> <p>M-19-01 Complete WRAP Module II Construction</p> <p>M-19-00 Complete WRAP Module II Construction &amp; Initiate Operations (9/30/99)</p>																																								
• Closures	<p>M-20-25/26/28 Submit E-8 Borrow Pit, Hanford Patrol Academy &amp; Ashpit Demolition Site Closure Plans</p>																																								
DOE-RL WAR 4/18/94		<p>○ TPA Enforceable</p> <p>⊙ Major DOE-HQ</p> <p>⊕ Significant Major DOE-RL</p> <p>◇ Forecasted Schedule Deviation</p>																																							
Doc Nr: DOE-RL-93-03-03		<p>Rev Nr: 13</p> <p>Page: 4 of 11</p>																																							

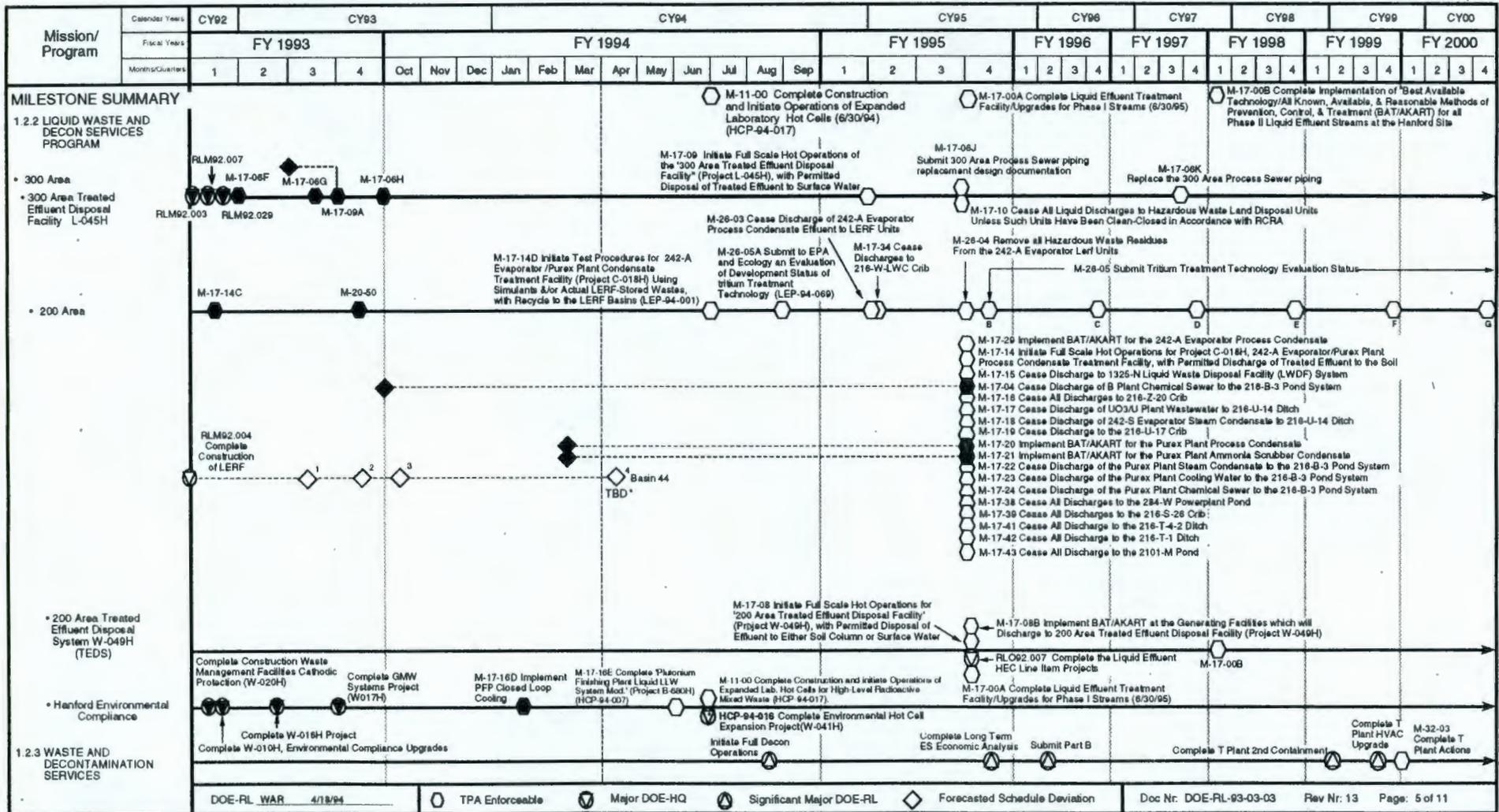
17

WMC-SP-0969-36

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# DOE-RL - LEVEL 0 SCHEDULE

Status as of: March 31, 1994

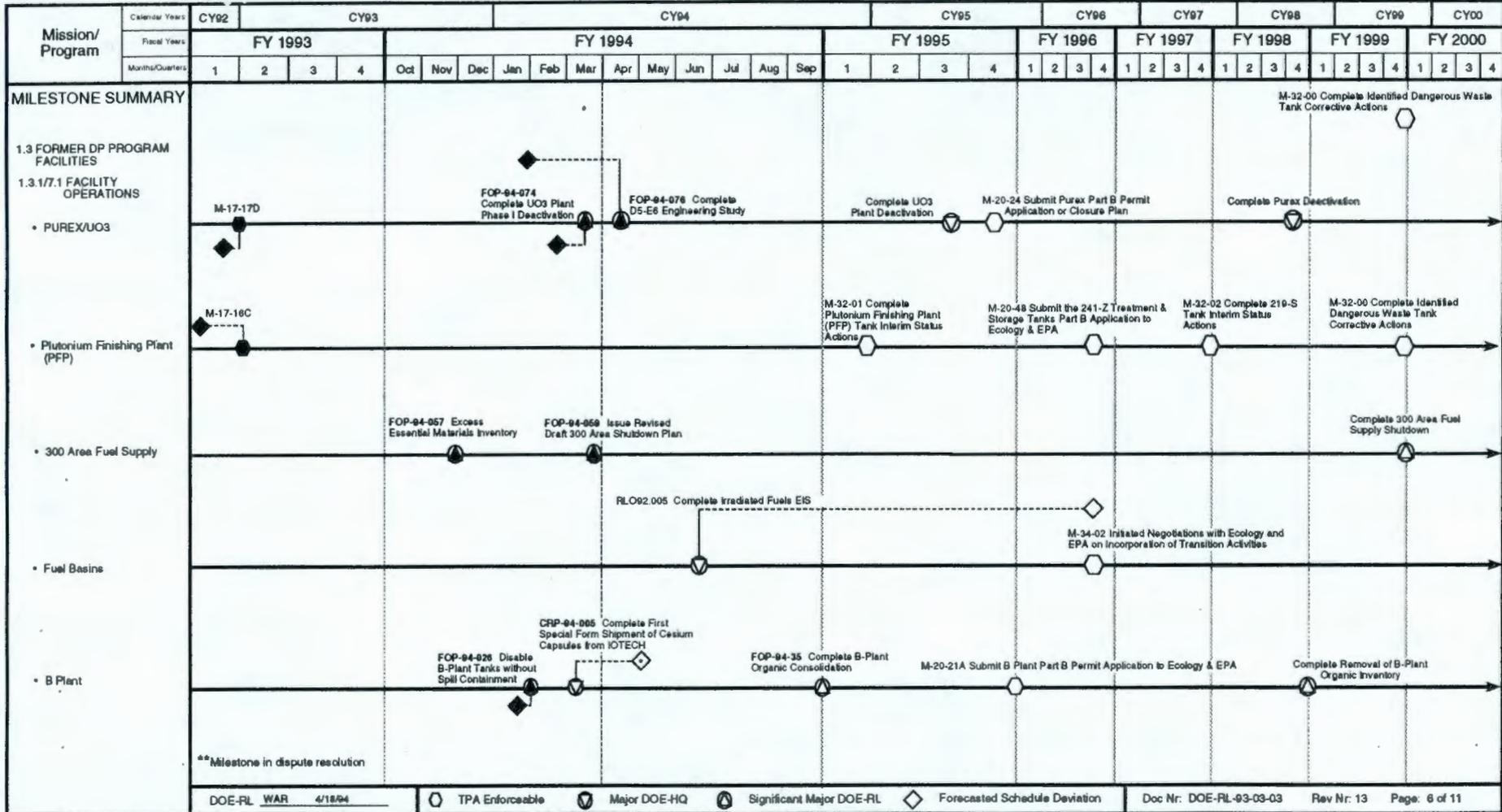


18

MHC-SP-0969-36

# DOE-RL - LEVEL 0 SCHEDULE

Status as of: March 31, 1994

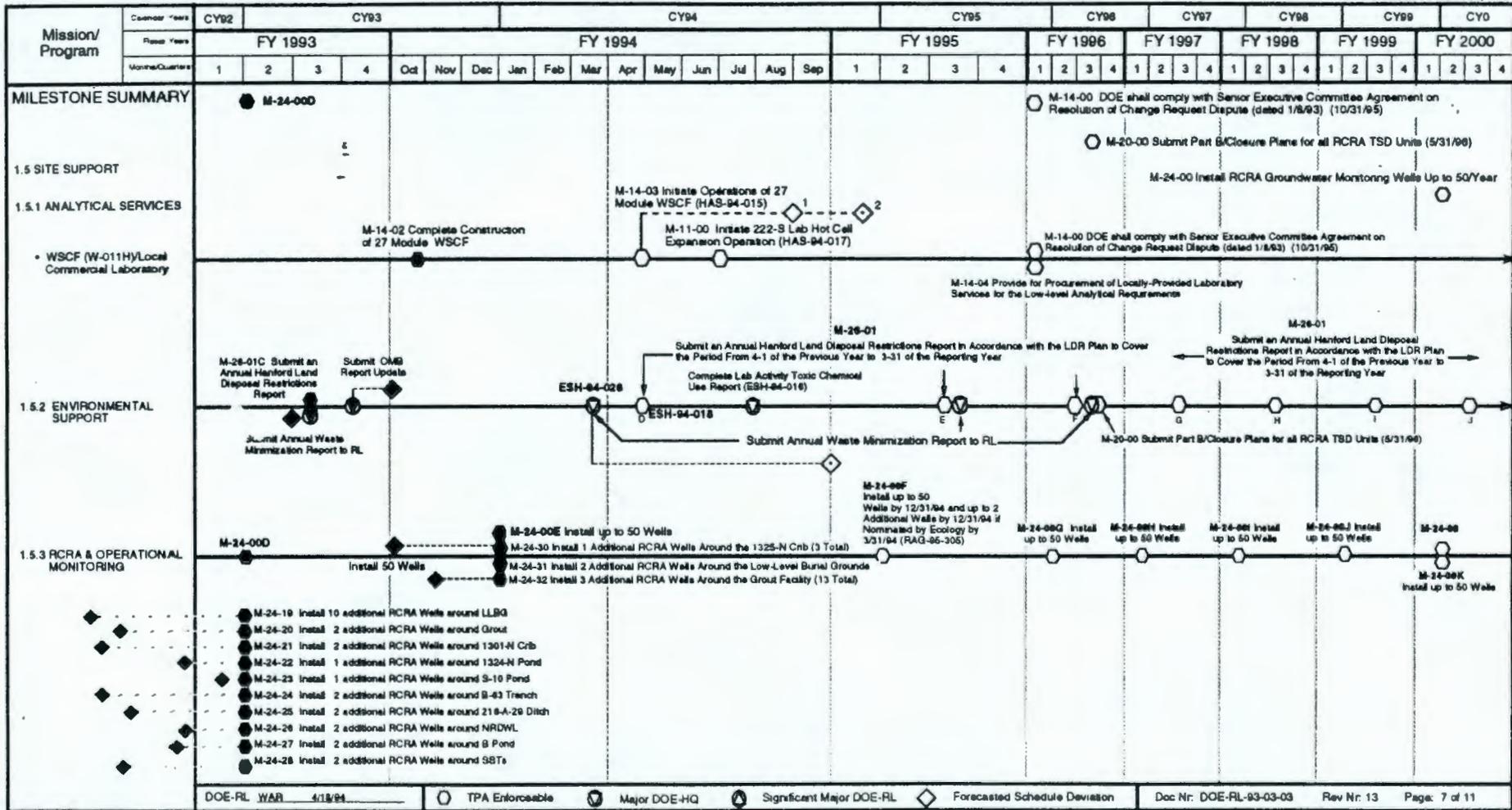


19

WHC-SP-0969-36

# DOE-RL - LEVEL 0 SCHEDULE

Status as of: March 31, 1994

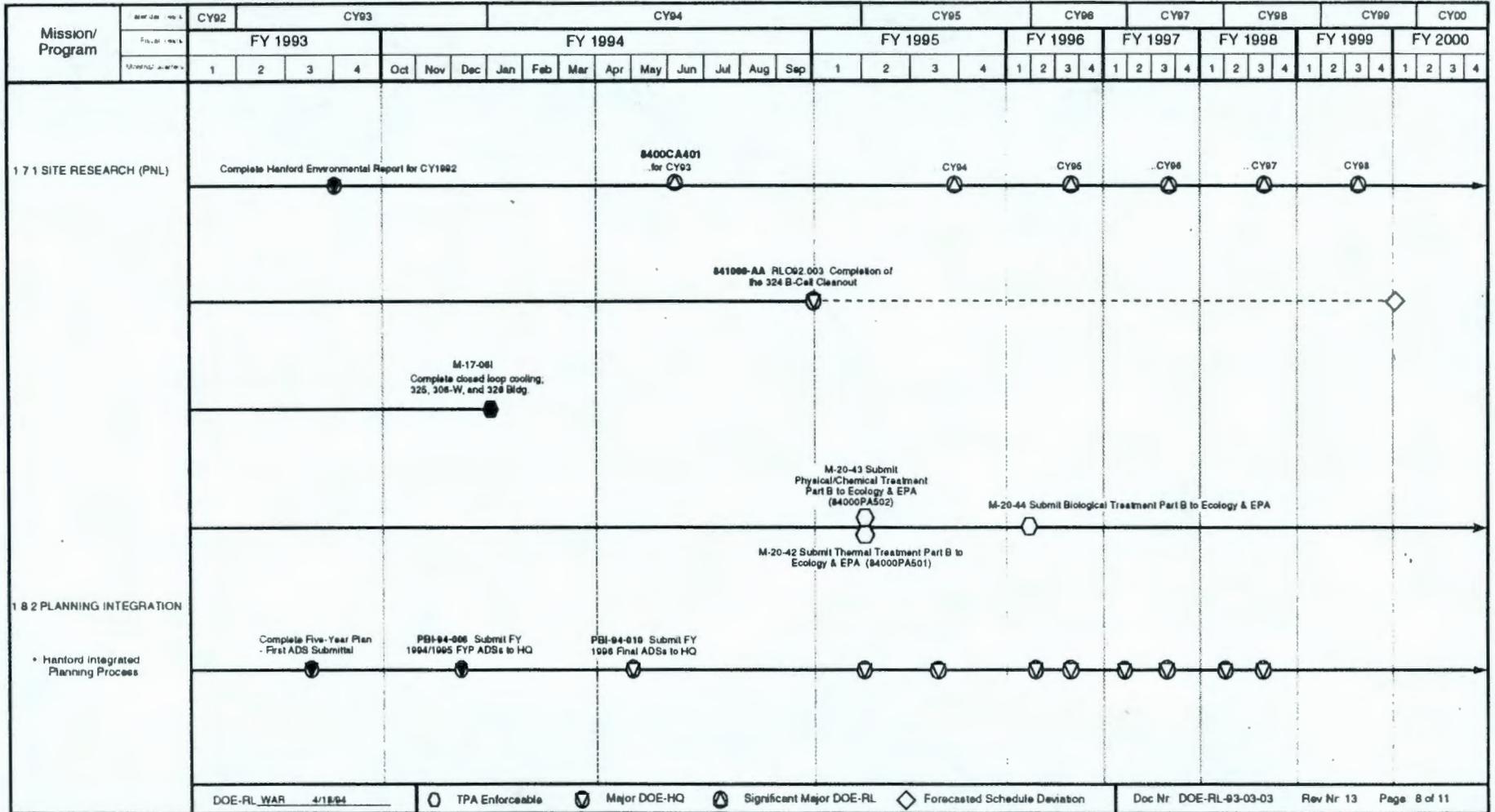


20

WHC-SP-0969-36

# DOE-RL - LEVEL 0 SCHEDULE

Status as of: March 31, 1994



DOE-RL WAR 4/18/94

○ TPA Enforceable

⊖ Major DOE-HQ

⊕ Significant Major DOE-RL

◇ Forecasted Schedule Deviation

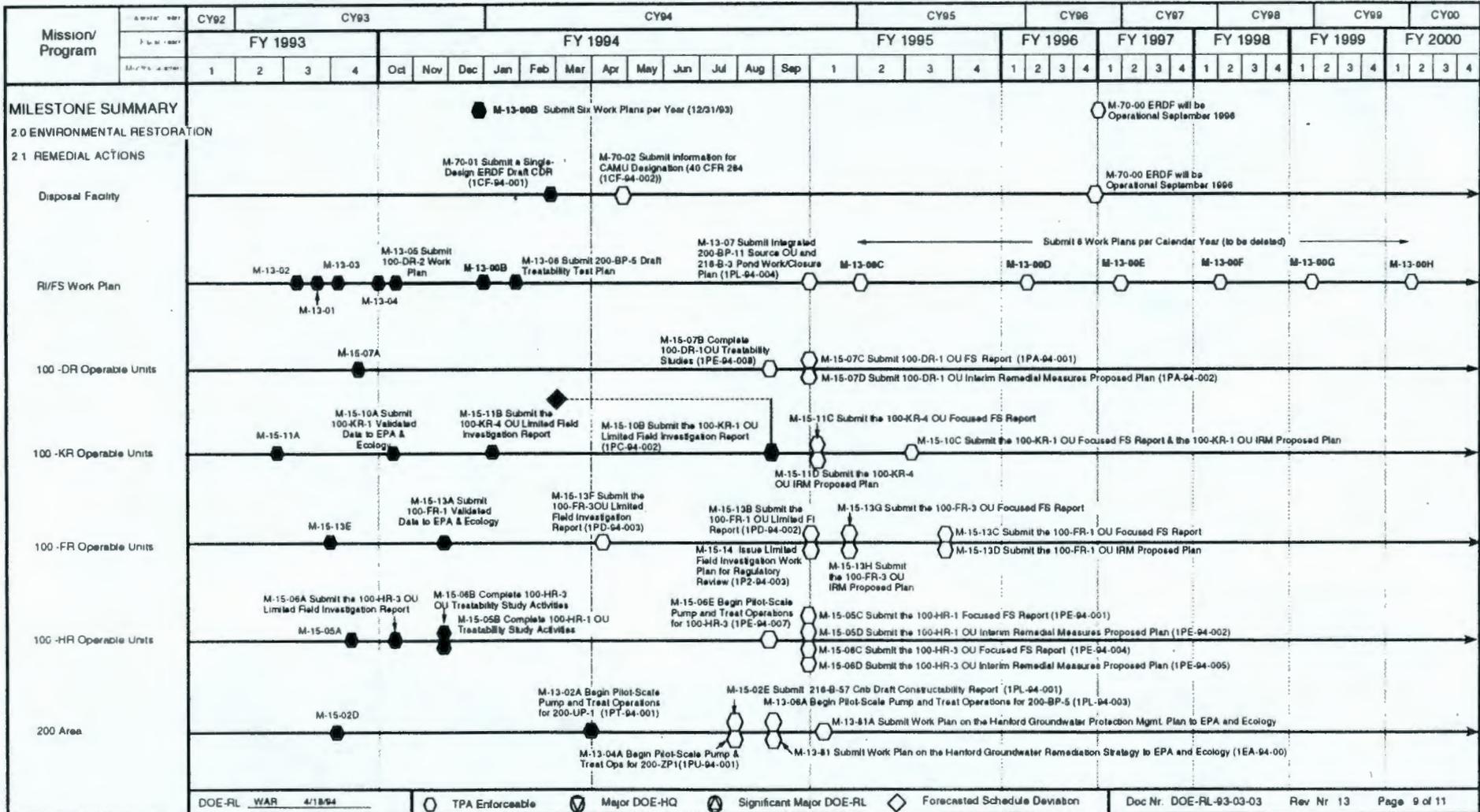
Doc Nr DOE-RL-93-03-03

Rev Nr 13

Page 8 of 11

# DOE-RL - LEVEL 0 SCHEDULE

Status as of: March 31, 1994

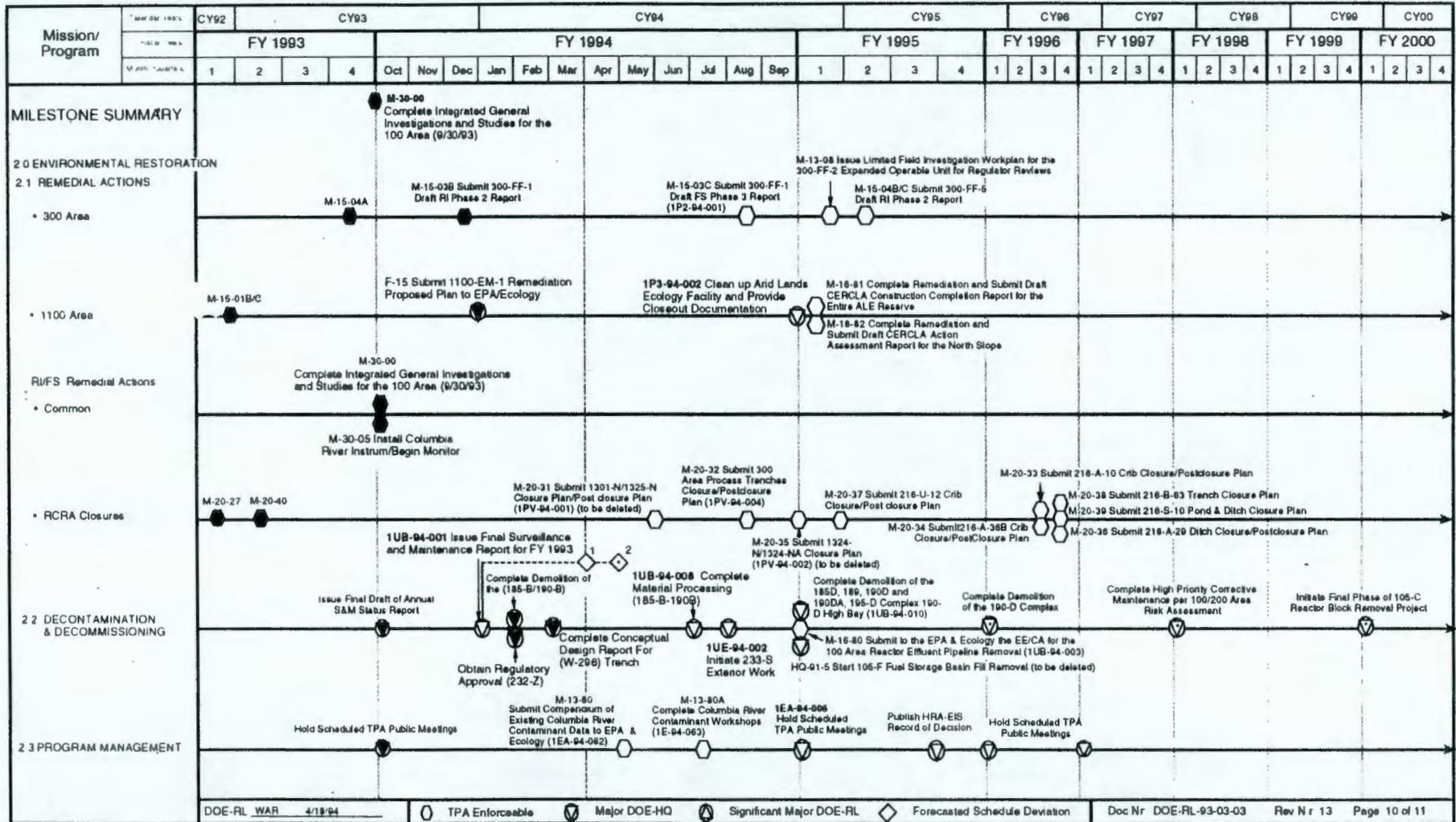


22

WHC-SP-0969-36

# DOE-RL - LEVEL 0 SCHEDULE

Status as of: March 31, 1994



23

WHC-SP-0969-36

# DOE-RL - LEVEL 0 SCHEDULE

Status as of: March 31, 1994

Mission/ Program	CY92				CY93				CY94				CY95				CY96				CY97				CY98				CY99				CY00															
	FY 1993				FY 1994				FY 1995				FY 1996				FY 1997				FY 1998				FY 1999				FY 2000																			
	1	2	3	4	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4								
<b>30 TECHNOLOGY DEVELOPMENT NATIONAL PROGRAM</b>																																																
• Groundwater & Soils Cleanup	<p>VOC Offgas Membrane Demo (WHC) [Milestone: Oct 1993]</p> <p>111104-5-3 Final Report on the Status of the Environmental Remediation Program (WHC) [Milestone: Sep 1995]</p> <p>Demo Sonic Drilling for Well (WHC) [Milestone: Mar 1996]</p>																																															
• Waste Retrieval & Processing	<p>Select Successful LDUA Vendor (WHC) [Milestone: Feb 1993]</p> <p>UST-ID Master Schedule (WHC) [Milestone: Mar 1993]</p> <p>Final Report Fixation of Soil Surfaces (WHC) [Milestone: Oct 1993]</p> <p>Demo Hot Cell Raman Spectroscopy (WHC) [Milestone: Nov 1993]</p> <p>Receive LDUA (WHC) [Milestone: Sep 1995]</p> <p>Complete Char. Field Support System Trailer (WHC) [Milestone: Oct 1995]</p> <p>Complete Dislodging &amp; Conveyance Alternatives Testing (WHC) [Milestone: Mar 1996]</p> <p>Procure Long Reach Manipulator (WHC) [Milestone: Apr 1996]</p>																																															
• Supporting Technologies & Infrastructure	<p>Prototype Tank Retrieval Manipulator Procurement Contract (WHC) (to be deleted) [Milestone: Oct 1993]</p> <p>EM Emergency Response Exercise (WHC) [Milestone: Sep 1994]</p> <p>Robotic Retrieval Demo (WHC) [Milestone: Mar 1993]</p>																																															
• Technology Integration & Environmental Education	<p>Final Report on Foreign Technologies (WHC) [Milestone: Oct 1993]</p> <p>Summary Report-Technology Movement (WHC) [Milestone: Nov 1993]</p> <p>Final Report-Hanford Citizens Forum Demo (WHC) [Milestone: Dec 1993]</p> <p>Employ Sixteen Native Americans (WHC) [Milestone: Jan 1994]</p>																																															
• Transportation (EM-50)	<p>Completed, Approved Hazardous Materials Module Distribution to Sites (WHC) [Milestone: Mar 1993]</p> <p>Complete Integration Hazardous Materials Module into ATMS/ILB (WHC) [Milestone: Apr 1993]</p>																																															
<b>50 SPECIAL INITIATIVES</b>																																																
• Advanced Programs	<p>Submit Nuclear Criticality Parameter Annual Status Report to DOE-RL [Milestone: Oct 1993]</p>																																															
<b>60 GENERAL SITE SUPPORT</b>																																																
648 WHC DATA ADMINISTRATION	<p>M-35-01 Laboratory Analytical Data Developed from SST and DST Char. [Milestone: Mar 1994]</p> <p>M-35-02 Develop and Submit to the Regulators a "TPA Strategic Data Mgmt Plan" (DOE) [Milestone: Sep 1995]</p> <p>M-35-03 Develop and Submit Data Mgmt Plans for each DOE-RL Program Office (DOE) [Milestone: Mar 1996]</p> <p>M-35-04 Submit Change Package with Milestones and Dates for Data Mgmt Initiatives (DOE) [Milestone: Apr 1996]</p>																																															
<b>73 ADVANCED REACTORS</b>																																																
731 ADVANCED REACTOR PROGRAMS	<p>Submit Revised 308 Building Safety Analysis Document [Milestone: Mar 1993]</p> <p>Achieve stable standby configuration [Milestone: Apr 1993]</p> <p>308 Bldg. Confinement Lay-up Documentation [Milestone: May 1993]</p> <p>B25-94-103 Close 308 Bldg. Process Area Except for Surveillance [Milestone: Jun 1994]</p> <p>B13-94-605 Complete Solid Waste Transfer Pit CG&amp;A [Milestone: Jul 1994]</p> <p>B13-94-601 Complete FSAR Amendment 74 [Milestone: Aug 1994]</p>																																															
75 LANDLORD	<p>See Lower Level Schedule [Milestone: Mar 1993]</p>																																															
751 LANDLORD PROGRAM	<p>D83-94-104 Legacy Sodium Management Plan [Milestone: Sep 1994]</p>																																															
<p>DOE-RL WAR 4/1/94</p> <p>TPA Enforceable (T) Major DOE-HQ (M) Significant Major DOE-RL (S) Forecasted Schedule Deviation (D)</p> <p>Doc Nr DOE-RL-93-03-03 Rev Nr. 13 Page 11 of 11</p>																																																

24

WHC-SP-0969-36

<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY</b>	<b>MARCH 1994</b>
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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	2/94	10/93 4/94 2/94 3/94 4/94*	WHC is required to address Operational Readiness Evaluation (ORE) punchlist items and DOE Order 5480.31 requirements. WHC declared readiness for restart on March 3, 1994. Resolution and sign-off by ORE team of punchlist items was achieved. Authorization to approve restart is anticipated by April 5, 1994. Impact: Completion of other related milestones. (TWI-94-540)
1.1	DOE-HQ	Complete Tank 241-SY-101 Mitigation Pump Full Scale Test	3/94	5/94*	The tank level dropped below allowable limits for pump testing, however, testing resumed when tank level rose. Impact: Completion of Full Scale Testing. (TW2-94-460)
1.1	RL	Transmit Flammable Gas Synthetic Waste Study report	9/93	3/94 4/94*	Late submittal from Argonne National Laboratories and Georgia Institute of Technology resulting in a slip. Impact: To be determined. (TW2-93-380)

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

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

WBS	TYPE	MILESTONE	BASELINE DATE	CURRENT MONTH FORECAST	REASON/ IMPACT
1.1	DOE-HQ	Close Tank 241-C-103 USQ (Safety Initiative 2j)	3/94	5/94*	The original plan required DOE-HQ comments by February 15, 1994. Comments were not received until March 9, 1994. Impact: Late on Safety Initiative milestone. The closure documentation package is scheduled to be delivered to RL by April 1, 1994. DOE closure of the USQ is projected to take six weeks and will be completed by May 16, 1994. A change package to reschedule this safety initiative milestone to accommodate the DOE-HQ approval cycle is being prepared for submittal to RL. (TW2-94-449)
1.1	RL	Recommended Scope and Potential Location for Pilot Plant	12/93	N/A	To be deleted
1.1	DOE-HQ	Initiate T1 Design W-211 (101-SY)	11/93	1/94	Awaiting approval of TDB-94-237. Design will commence 60 days after DOE-HQ approval of KD-1 for 101-SY. Impact: Delay construction.

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

<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY</b>	<b>MARCH 1994</b>
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**MILESTONES DUE BUT NOT COMPLETE**

WBS	TYPE	MILESTONE	BASELINE DATE	CURRENT MONTH FORECAST	REASON/ IMPACT
1.1	DOE-RL	KD-1, W-211 (101-SY)	11/93	4/94	Awaiting DOE-HQ approval. Impact: Delay construction. (TDB-94-237)
1.1	DOE-HQ	Issue Declaration of Readiness	9/93	5/94	Agreement reached during Tri-Party Agreement renegotiations to discontinue grout disposal of low level waste deletes this milestone. Impact: None
1.1	DOE-RL	Submit WHC approved Performance Assessment to RL	3/92	10/93	This milestone will be shown as complete in the next report and it will not be deleted.
1.1	DOE-HQ	Complete Preliminary Safety Analysis Report (PSAR) for Project W-236A	3/94	4/94*	Incorporation of Safety and Environmental Advisory Council comments. The PSAR is expected to be completed by April 8, 1994. Impact: None. (TDH-94-103)
1.1	DOE-RL	Initiate Detailed Design (Title II) for Project W-236A	3/94	5/94	WHC has not received KD-2 (approval to commence Title II, or final/detailed design). Awaiting RL action. Impact: Delay in KD-2 may impact all major M-42 Tri-Party Agreement milestones. (TDH-94-109)

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

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY	MARCH 1994
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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 Definitive Design (W-112)	1/94	5/94*	Awaiting KD-1 approval. Impact: To be determined. (A71-94-008)
1.2.1	DOE-HQ	Start Definitive Design (W-113)	1/94	3/94 5/94*	Awaiting KD-1 approval. Impact: To be determined. (A81-94-009)
1.2.1	DOE-HQ	Start WRAP 2A Preliminary (Title 1) Design	1/94	3/94 5/94*	Awaiting KD-1 approval. Impact: Failure to receive approval by June 1994 will impact the project schedule. (3A5-94-007)
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. Impact: None since the 242-A Evaporator has not restarted. (RLM92.004)
1.3.1	DOE-HQ	Complete First Special Form Shipment of Cesium Capsules From IOTECH Facility	3/94	5/94*	Delay due to DOE-HQ NEPA/Environmental assessment documentation request. Impact: None (CRP-94-005)

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

<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY</b>	<b>MARCH 1994</b>
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**MILESTONES DUE BUT NOT COMPLETE**

WBS	TYPE	MILESTONE	BASELINE DATE	CURRENT MONTH FORECAST	REASON/ IMPACT
1.5.2	DOE-HQ	Submit Annual Waste Minimization Report to RL	3/94	9/94*	DOE-HQ has directed that the due date be revised to September 1994 to allow for additional time to collect and verify the data. Impact: Minimal (ESH-94-026)
2.0	DOE-HQ	Issue Final Surveillance and Maintenance Report for FY 1993	12/93	3/94 4/94*	Higher priority project work has delayed this report. Impact: None (1UB-94-001)
3.1	DOE-HQ	Prototype Tank Retrieval Manipulator Procurement Contract (WHC)	9/93	N/A	To be deleted.
3.1	DOE-HQ	RL 438601 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. Impact: None to the overall program.
7.3	DOE-HQ	Sodium Management Plan	3/94	4/94	Preparation of the Shutdown Plan and the Sodium Management Plan required utilization of the same personnel. Impact: None (B63-94-104)

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

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

WBS	TYPE	MILESTONE	BASELINE DATE	CURRENT MONTH FORECAST	REASON/ 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 (DOE-HQ milestone TWI-94-540). Impact: Completion of other related milestones. (TWI-94-423)
1.3.1	DOE-HQ	Complete Irradiated Fuels EIS	6/94	3rd qtr FY 1996	Delay due to re-evaluation of scope by DOE-HQ. Impact: To be determined. (FOP-94-078)
1.5.1	Tri-Party Agreement M-14-03	Initiate Waste Sampling and Characterization Facility (WSCF) Operations	4/30/94	8/31/94 11/94*	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 change request has been submitted to RL. Impact: None (HAS-94-015)

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

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SITE MANAGEMENT SYSTEM	EXPENSE STATUS REPORT (\$ In Ms)	MARCH 1994
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## WHC AND OTHER CONTRACTORS SUMMARY

SMS WBS	WBS TITLE	CUMULATIVE TO DATE					FY 1994 CURRENT TOTAL PROGRAM GUIDANCE	AT COMPLETION		
		BCWS	BCWP	ACWP	SV	CV		EAC	FYSF	CARRYOVER
1.1	Tank Waste Rem System	240.0	218.4	201.2	(21.6)	17.2	474.4	470.5	470.5	0.0
1.2	Solid/Liquid Waste	47.1	45.0	44.9	(2.1)	0.1	105.3	110.9	110.9	0.0
1.3/7.1	Facility Operations	115.9	110.8	113.0	(5.1)	(2.2)	242.4	247.6	247.6	0.0
1.5.1	Analytical Serv/Lab	22.0	21.0	19.5	(1.0)	1.5	43.8	46.6	(2.1)	0.0
1.5.2/7.4	EM-30 HEMP/Inventories	5.2	5.2	5.5	0.0	(0.3)	14.3	14.5	13.4	0.6
1.5.3	RCRA & Operational Monitoring	11.2	10.8	10.2	(0.4)	0.6	26.4	24.1	24.1	0.0
1.8	Mgmt Integ & Planning	4.5	4.0	4.2	(0.5)	(0.2)	7.2	7.6	7.6	0.0
2.0	Environ Restoration	96.0	90.3	84.5	(5.7)	5.8	217.1	250.5	238.7	11.8
5.0	Spec Init/Work for Others	4.6	4.5	3.9	(0.1)	0.6	11.6	10.3	9.1	1.1
7.3	Advanced Reactor	29.0	29.1	27.2	0.1	1.9	62.3	64.7	61.8	2.9
7.5	Landlord	8.5	8.3	9.1	(0.2)	(0.8)	17.6	20.5	20.2	0.3
	<b>TOTAL</b>	<b>\$584.0</b>	<b>\$547.4</b>	<b>\$523.2</b>	<b>(36.6)</b>	<b>24.2</b>	<b>\$1,222.4</b>	<b>\$1,267.8</b>	<b>\$1,201.8</b>	<b>\$16.7</b>

31

WHC-SP-0969-36

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<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY</b>	<b>MARCH 1994</b>
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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	Operational readiness evaluation (ORE) punchlist items have been addressed. RL received authorization to approve restart of the 242-A Evaporator/Crystallizer from DOE-HQ. WHC has reconfigured the physical plant for the startup, operational safety reviews (OSR) surveillances are being done, and the Resource Conservation and Recovery Act (RCRA) surveillance is upcoming. The current forecasted date for 242-A Evaporator restart is April 15, 1994. (Stated 3/94)
1.1.1.1-33	02/94	Declaration of Tank 241-T-111 as a leaking tank may impact future milestones. Declaration of this tank as a leaker will dilute WHC engineering and field support as it is diverted to work on the emergency pumping effort.	A resource-loaded schedule was provided to RL for emergency pumping of this tank. A Class I change request is in the final approval process. (Stated 3/94)

WHC-SP-0969-36

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SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY	MARCH 1994
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## ISSUES

WBS NO.	DATE IDENTIFIED	ISSUES	STATUS
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.	Current planning indicates that the complete closure documentation package can be delivered to RL by April 1, 1994. Closure of the USQ can then follow which will meet the Tri-Party Agreement milestone by May 31, 1994. However, if the delegation of approval authority (Secretary of Energy Safety Initiative 2c) has not been received from DOE-HQ by April 1994 as projected, then the approval cycle through DOE-HQ may need to be aggressively pursued. NOTE: Tri-Party Agreement milestone M-40-16 was completed. (Stated 3/94)
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).	The plan is being revised to allow for time spent addressing other high priority planning and budget issues. (Stated 3/94)
1.1.2.1-40	3/94	Inclusion of current process flow/design data in the technical baseline could result in quantitative data being removed from the functions and requirements until trade studies are completed.	Discussions are being held with RL. (Stated 3/94)
1.1.2.2-42	3/94	Budget constraints in FY 1995 - 2000 planning do not support the current 1994 FYWP strategy that includes a cesium demonstration unit (CDU) and hot test facility and still meet Tri-Party Agreement milestones. Without the CDU and hot test facility, only limited small-scale test of processes is possible. The technical risk of this approach is higher than recommended. In addition, field demonstration of a modular approach is eliminated and support for HLW bench-scale melter testing is deferred.	RL identified additional funding for FY 1995 and FY 1996 above the earlier planning level. Options are being evaluated that would include hot test facilities including variances of compact processing units while meeting Tri-Party Agreement milestones. (Stated 3/94)

MHC-SP-0969-36

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<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY</b>	<b>MARCH 1994</b>
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### ISSUES

WBS NO.	DATE IDENTIFIED	ISSUES	STATUS
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 April 15, 1994. (Stated 3/94)
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 was not received in March 1994. Issue date from RL is to be determined. (Stated 3/94)
1.2.1-1	12/93	Failure to receive KD-1 on WRAP 2A by June 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. A change request has been approved for additional resources. (Stated 3/94)
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.	A change request (HEC-CCB-677, Rev. 0) was approved by RL with two conditions. Negotiations with ADTECH could not reach an agreement based on the conditions identified by RL. Programs and Projects have requested ADTECH's completion of Human Factor's Analyses as required by their contract to define frequency/maintainability of equipment in the dryer room. Also, a separate cost estimate is being prepared by ICF KH to modify the access after the plan is received from ADTECH. (Stated 3/94)

34

WHC-SP-0969-36

<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY</b>	<b>MARCH 1994</b>
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## ISSUES

WBS NO.	DATE IDENTIFIED	ISSUES	STATUS
1.2.2.1-7	02/94	<p>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.</p>	<p>Discussions with EPA Region 10 indicate that submittal of additional information may be possible. The additional information that could impact the permit limits is treatability data that was recently gathered. This data showed that some EPA limits could not be physically achieved by the plant. The limits of concern have been added to those limits already known to be unacceptable due to laboratory uncertainty. A draft set of proposed NPDES limits has been prepared and submitted to EPA for their review prior to EPA issuing the NPDES permit for public comment. Formal comments were provided to RL March 23, 1994, for transmittal to EPA. (Stated 3/94)</p>
1.2.2.1-9	02/94	<p>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.</p>	<p>A 120-day extension to the Right of Entry Permit for the 300 Area TEDF outfall was 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. Both WHC and RL's legal organizations continue to review the lease language so it can be finalized and presented to the State. The outcome is still in doubt. (Stated 3/94)</p>

<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY</b>	<b>MARCH 1994</b>
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## ISSUES

WBS NO.	DATE IDENTIFIED	ISSUES	STATUS
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.	This effort was unfunded in the FY 1994 FYWP. The need for this effort has been re-evaluated and it has been determined that funding will be sought in FY 1995 instead of FY 1994. Administrative controls will be continued during daily surveillances. (Stated 3/94)
1.2.3-22	10/93	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 T Plant Electrical Upgrade (C-157) is scheduled to be completed in FY 1995 and the Control Room Upgrade (C-159) is scheduled to be completed in FY 1996. (Stated 3/94)
1.3.1.5	03/94	COGEMA uranium sale delays place the total sale of material in jeopardy; 1,618 metric tons (66% of the unirradiated fuel at Hanford) will remain on Site and still require disposition if this sale is not successful	The latest request for extension of contract placement was responded to by COGEMA with a statement that the contract needs to be finalized by April 31, 1994. DOE-HQ has concluded that the U.S. Enrichment Corporation needs to be a third party in negotiations. Negotiations between DOE-HQ and U.S. Enrichment Corporation do not appear to support the April 31, 1994, date. (Stated 3/94)
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 April 1994. (Stated 3/94)
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.	Initial indication is minimal impact on this program. ISSUE CLOSED. (Stated 3/94)

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<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY</b>	<b>MARCH 1994</b>
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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 and will impact the formulation of the Site baseline MYPPs. The delay of stakeholder participation impedes development of future options in the Hanford Strategic Analysis Addendum which in turn impacts future systems engineering analyses.	A revised schedule is being prepared in conjunction with RL. A working draft of the HMP Volume 1 will be distributed in April 1994 to minimize the impact on baseline planning. The completion schedule will link the HSP and HMP activities. (Stated 3/94)
1.8.2.3-2	3/94	Approval of the FY 1994 reprogramming request of \$33.2 million has not been received. The request has been signed by the Assistant Secretary for Environmental Management and forwarded to the Controller but it has not yet been submitted to OMB. Approval of the reprogramming request was expected by March 1994. If approval is not received by May 1, 1994, workscope will have to be deleted or curtailed and payment of the back taxes to the counties will be impacted.	A letter will be provided to RL documenting specific impacts. To date, the reprogramming request is still in the DOE-HQ Controller's Office for review and has not yet been submitted to OMB or Congressional committees. (Stated 3/94)
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. (Stated 2/94)

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<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY</b>	<b>MARCH 1994</b>
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**ISSUES**

<b>WBS NO.</b>	<b>DATE IDENTIFIED</b>	<b>ISSUES</b>	<b>STATUS</b>
<b>6.10.5-14</b>	<b>10/93</b>	<b>Access to training records of WHC employees by regulators, e.g., Ecology and EPA.</b>	<b>DOE has published its notice in the Federal Register of its final rule which will grant access to the regulators (Ecology and EPA) to WHC training records covered under the Privacy Act. The rule will become effective on May 23, 1994, and appears to have removed all the obstacles to which Ecology was opposed. ISSUE CLOSED (Statused 3/94)</b>

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