

9613453.2319

0044685

100000311

3/2

START

WHC-SP-0969-50

Hanford Site Performance Summary May 1995



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



Westinghouse
Hanford Company Richland, Washington

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

RECORD COPY

Approved for Public Release

LEGAL DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, nor any of their contractors, subcontractors or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or any third party's use or the results of such use of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof or its contractors or subcontractors. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

This report has been reproduced from the best available copy. Available in paper copy and microfiche.

Available to the U.S. Department of Energy
and its contractors from
Office of Scientific and Technical Information
P.O. Box 62
Oak Ridge, TN 37831
(615) 576-8401

Available to the public from the U.S. Department of Commerce
National Technical Information Service
5285 Port Royal Road
Springfield, VA 22161
(703) 487-4650

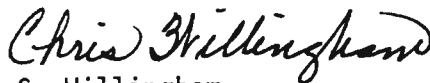
Printed in the United States of America

DISCLM-1.CHP (1-91)

RELEASE AUTHORIZATION**Document Number:** WHC-SP-0969-50**Document Title:** HANFORD SITE PERFORMANCE SUMMARY**Release Date:** 6/7/95

**This document was reviewed following the
procedures described in WHC-CM-3-4 and is:**

APPROVED FOR PUBLIC RELEASE

WHC Information Release Administration Specialist:

C. Willingham

6/7/95

HANFORD SITE PERFORMANCE SUMMARY - MAY 1995

Performance data for May 1995 reflects a one percent improvement in the unfavorable schedule variance (\$71.8 million for May versus \$86.1 million in April). The May fiscal-year-to-date (FYTD) schedule variance is an unfavorable \$71.8 million*. EM-30, (Office of Waste Management) is the biggest contributor (\$69.9 million) to the behind schedule condition. The majority of the EM-30 schedule variance is associated with the Tank Waste Remediation System (TWRS) Program. A breakdown of individual program performance is listed on page 13.

The TWRS schedule variance is attributed to continued delays in obtaining key decision 0 (KD-0) for Project W-314, "Tank Farm Restoration and Safe Operations" (-\$3.6 million) and KD-3 for Project W-320, "106-C Sluicing" (-\$7.7 million); late deployment of the rotary and push mode sampling trucks due to equipment and operational issues (-\$7.5 million); late placement of melter contracts (-\$3.0 million); and, the Multi-Function Waste Tank Facility (MWTF) workscope still being a part of the baseline (-\$36.9 million). Baseline Change Requests (BCRs) are in process to rebaseline the activities associated with KD's. An aggressive sampling schedule has been developed for the rotary and push mode sampling activity. A BCR has been submitted deleting the MWTF from the TWRS baseline.

Thirty-nine enforceable agreement milestones were scheduled FYTD. Thirty-five (90 percent) of the thirty-nine were completed on or ahead of schedule, two were completed late (M-45-07B, "Reach Decision on Whether to Proceed with Demonstration" and M-15-10C, "100-KR-1 Operable Unit [OU] Focused Feasibility Study and Interim Remedial Measure [IRM]") and two are delinquent (M-43-02A, "W-314 Double-Shell Tank Ventilation Upgrades Conceptual Design Report [CDR]," and M-43-04A, "W-314A Tank Farm Instrumentation Upgrades CDR"). Both delinquent milestones belong to the TWRS Program and are associated with the delay in KD-0 for Project W-314). Four (9 percent) of the 42 remaining enforceable agreement milestones scheduled for FY 1995 are forecast to be late. The four milestones forecast to be late are M-17-14, "Initiate Operations - 200 Area Effluent Treatment Facility"; M-17-29, "Implement Best Available Technology/All Known, Available, and Reasonable Methods of Prevention, Control and Treatment (BAT/AKART) for 242-A Process Condensate Stream"; M-15-16E, "Submit the 100 BC-2 OU Feasibility Study"; and, M-15-16F, "Submit the 100 BC-2 IRM Proposed Plan". Additional information on these milestones can be found on pages 25 through 26.

Performance data reflects a continued significant favorable cost variance of \$67.8 million (7 percent). The cost variance is attributed to process improvements/efficiencies, elimination of low-value work, and workforce reductions. This variance is expected to continue for the remainder of this fiscal year. A small portion of the cost variance is attributed to a delay in billings which should self-correct by fiscal year-end.

*Dollar figures include all fund types - expense, capital equipment not related to construction, and construction. Data is derived from the Office of Environmental Restoration and Waste Management's Progress Tracking System.

**THIS PAGE INTENTIONALLY
LEFT BLANK**

HANFORD EM STATUS BY CONTROL POINT

- All Fund Types -

(May 1995)

3

	Schedule	Enforceable Agreement	Productivity	Cost	Financial
EM 10	- ●	N/A	N/A	- ●	
EM 20	- ●	N/A	N/A	- ○	
EM 30	- ○	●	N/A	+ ●	
EM 40	- ●	●	N/A	+ ○	
EM 50	- ●	N/A	N/A	- ●	
EM 60	- ●	●	N/A	+ ○	
TOTAL EM	- ●	●	N/A	+ ●	

Level of Management Action Needed:

- Satisfactory
- Minor Concern
- Major Concern

ENFORCEABLE AGREEMENT MILESTONES

- Achieving all Milestones
- < 10% of milestones no more than 6 months late)
- > 10% of milestones more than 6 months late)

COST/SCHEDULE

- Cost/schedule as planned (< +/- 3%)
- Cost/schedule > +/- 3% < +/- 10%
- Cost/schedule > +/- 10%

- Negative Variance
+ Positive Variance

9613453-2324
WMC-SP-0969-50

EM COST PERFORMANCE – ALL FUND TYPES

MAY 1995
(\$ In Millions)

	BCWS	FYTD BCWP	ACWP	SV	CV	FY BUDGET	BCWS CHANGE FROM PRIOR MONTH
EM 10	2.1	2.1	2.2	0.0	(0.1)	2.1	0.0
EM 20	1.7	1.7	11.0	0.0	(9.3)	3.4	(9.3)
EM 30	695.0	625.1	607.4	(69.9)	17.7	1,123.4	29.2
EM 40	151.1	148.2	109.1	(2.9)	39.1	255.2	0.1
EM 50	31.2	28.7	28.9	(2.5)	(0.2)	50.0	6.3
EM 60	200.5	204.0	183.4	3.5	20.6	326.4	(5.1)
TOTAL EM	1,081.6	1,009.8	942.0	(71.8)	67.8	1,760.5	21.2

4

9614953.2325
MHC-SP-0969-50

Hanford Cost/Schedule Summary

Total EM - All Fund Type

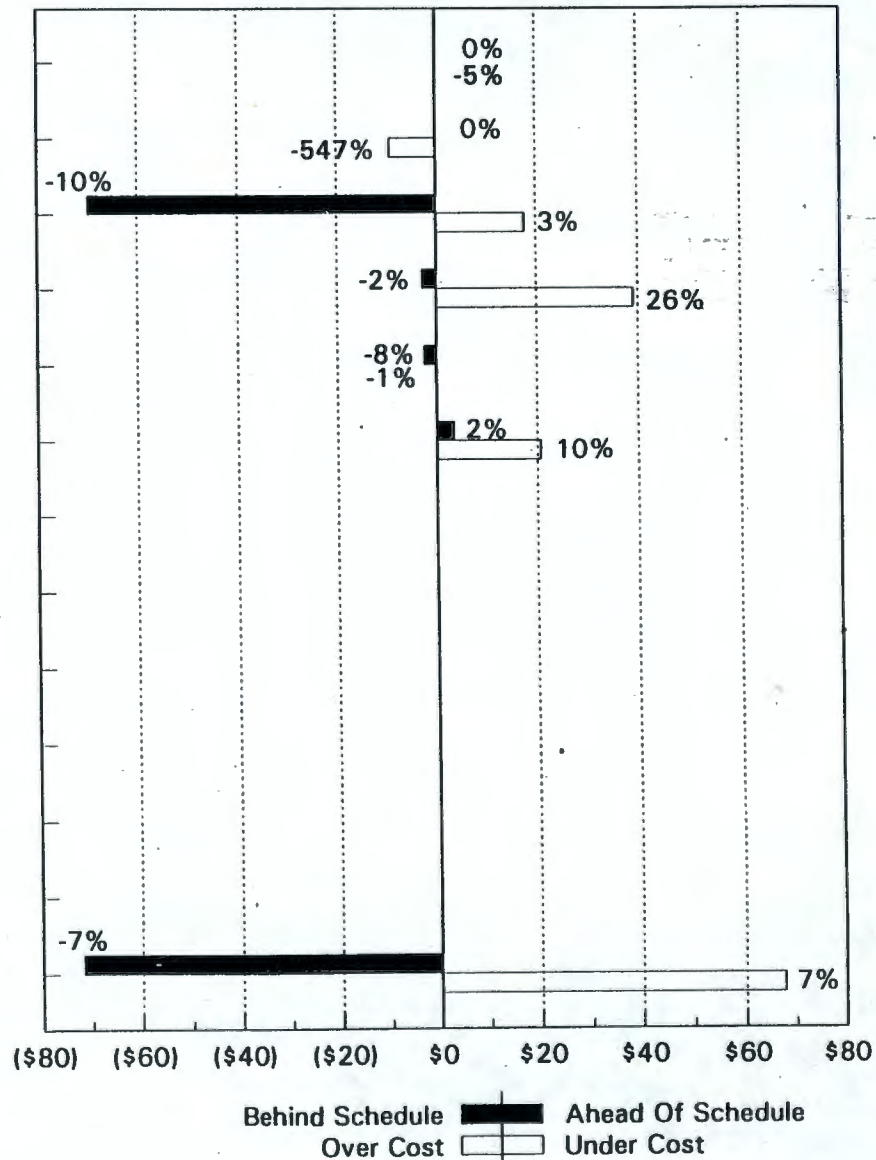
FYTD BCWS M\$'s

Cost/Schedule Through May 1995

EM 10	2
EM 20	2
EM 30	695
EM 40	151
EM 50	31
EM 60	201

Total Hanford

1,082



5

HANFORD EM STATUS BY WBS - All Fund Types - (May 1995)

	Schedule	Enforceable Agreement	Productivity	Cost	Financial
9.1/RL Contracting Activities TOTAL EM 10	● ●	N/A N/A		● ●	
8.1/Transportation	●	N/A		●	
8.2/HAMMER	○	N/A		○	
8.3/Richland Analytical Services	+	N/A		○	
8.4/Emergency Management	○	N/A		○	
TOTAL EM 20	● ●	N/A N/A		● ●	
1.1/TWRS	-	○		●	
1.2.1/Solid Waste	+	○		●	
1.2.2/Liquid Waste	+	●		●	
1.3/ Transition Projects	● ● ● ●	● ● ● ●		● ● ● ●	
1.4/Spent Nuclear Fuels	-	N/A		●	
1.5.1/Analytical Services	● ● ● ●	● ● ● ●		● ● ● ●	
1.5.2/Environmental Support	● ● ● ●	● ● ● ●		● ● ● ●	
1.5.3/RCRA Monitoring	-	● ● ● ●		● ● ● ●	
1.5.6/Waste Minimization	● ● ● ●	N/A		● ● ● ●	
1.7/Site Research	-	● ● ● ●		● ● ● ●	
1.8.1/Program Direction	● ● ● ●	N/A		● ● ● ●	
1.8.2/Planning Integration	-	● ● ● ●		● ● ● ●	
5.5/West Valley	-	N/A		● ● ● ●	
9.X/DOE-HQ ADS	-	N/A		● ● ● ●	
TOTAL EM 30	○	●		● ● ● ●	
2.0/Environmental Restoration	-	○		● ● ● ●	
9.4/ER Program Direction	-	N/A		● ● ● ●	
TOTAL EM 40	● ● ● ●	○		● ● ● ●	
3.4/Technology Development Sup	N/A	N/A		-	
3.5/Technology Development	-	N/A		○	
TOTAL EM 50	○	N/A		● ● ● ●	
7.1/Transition Projects	● ● ● ●	● ● ● ●		● ● ● ●	
7.3.1/Advanced Reactor Transition	-	N/A		● ● ● ●	
7.4/Program Direction	● ● ● ●	N/A		● ● ● ●	
7.4.9/Economic Transition	-	N/A		● ● ● ●	
7.5/Landford	+	● ● ● ●		● ● ● ●	
9.6/HQ Support to RL	● ● ● ●	N/A		● ● ● ●	
TOTAL EM 60	+	● ● ● ●		● ● ● ●	
TOTAL EM	-	○		+ ●	

LEVEL OF MANAGEMENT ACTION NEEDED:

- Satisfactory
- Minor Concern
- Major Concern

ENFORCEABLE AGREEMENT MILESTONES

- Achieving all Milestones
- < 10% of milestones no more than 6 months late
- > 10% of milestones more than 6 months late

COST/SCHEDULE

- Cost/schedule as planned (< +/- 3%)
- Cost/schedule > +/- 3% < +/- 10%
- Cost/schedule > +/- 10%

- Negative Variance
- + Positive Variance

9613453-2327
MHC-SP-0969-50

EM 10 Cost/Schedule Summary

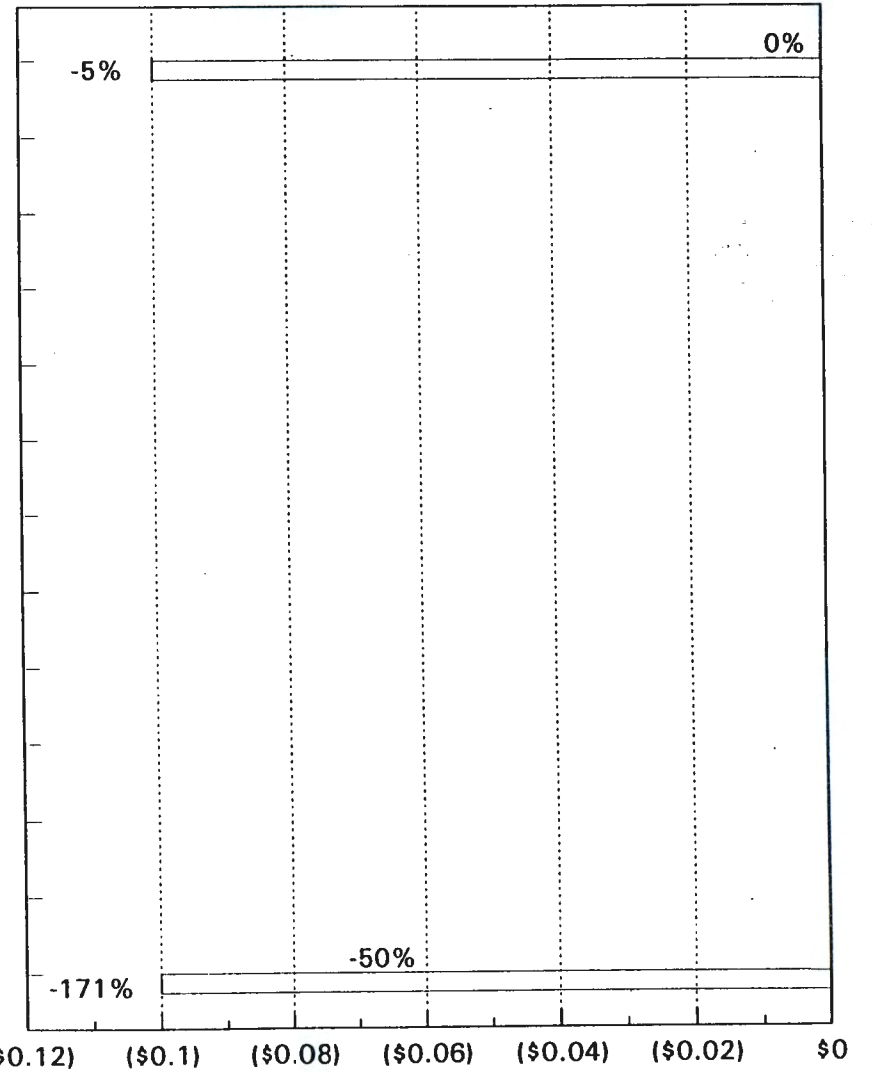
Total \$

FYTD BCWS M\$'s

Cost/Schedule Through May 1995

9.1 RL Contracting Activities

2.1



Total EM 10

2.1

Behind Schedule Ahead Of Schedule
 Over Cost Under Cost

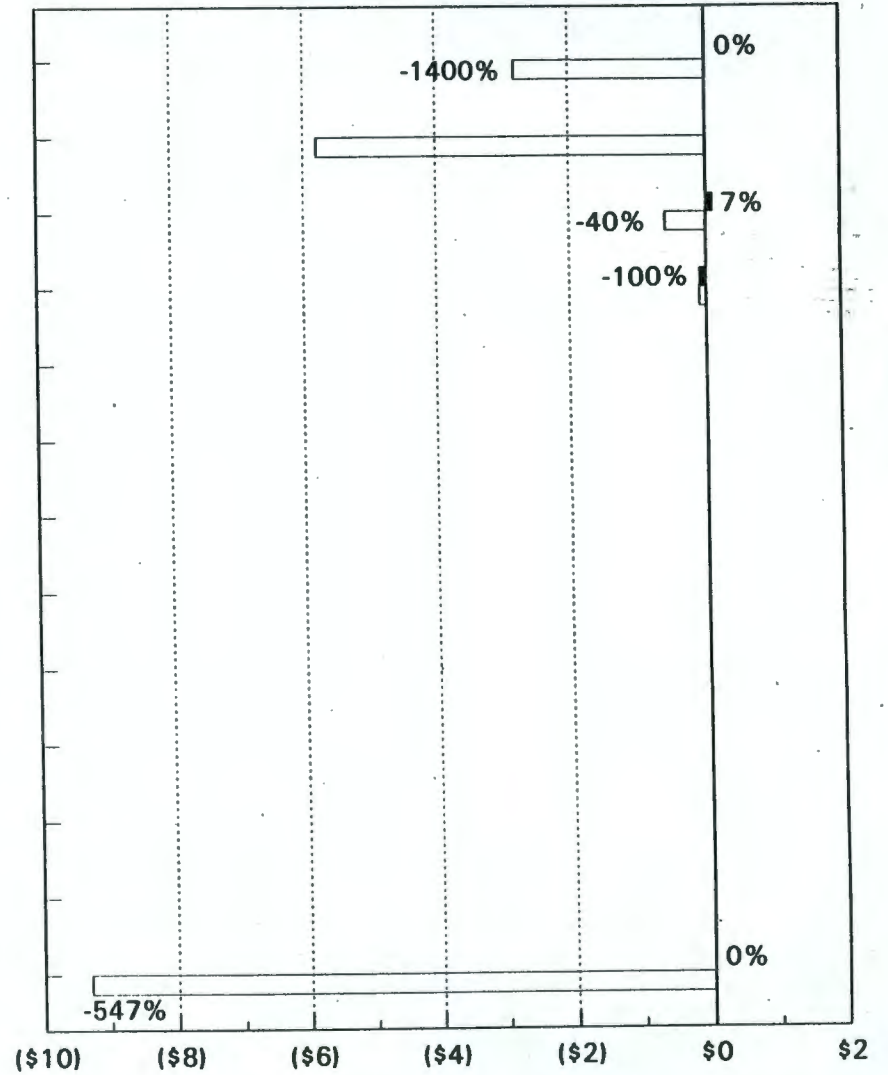
EM 20 Cost/Schedule Summary Total \$

FYTD BCWS M\$'s

Cost/Schedule Through May 1995

8.1 Transportation	.2
8.2 HAMMER	0.0
8.3 Richland Analytical Services	1.4
8.4 Emergency Management	0.1

Total EM 20 1.7



Behind Schedule Over Cost Ahead Of Schedule Under Cost

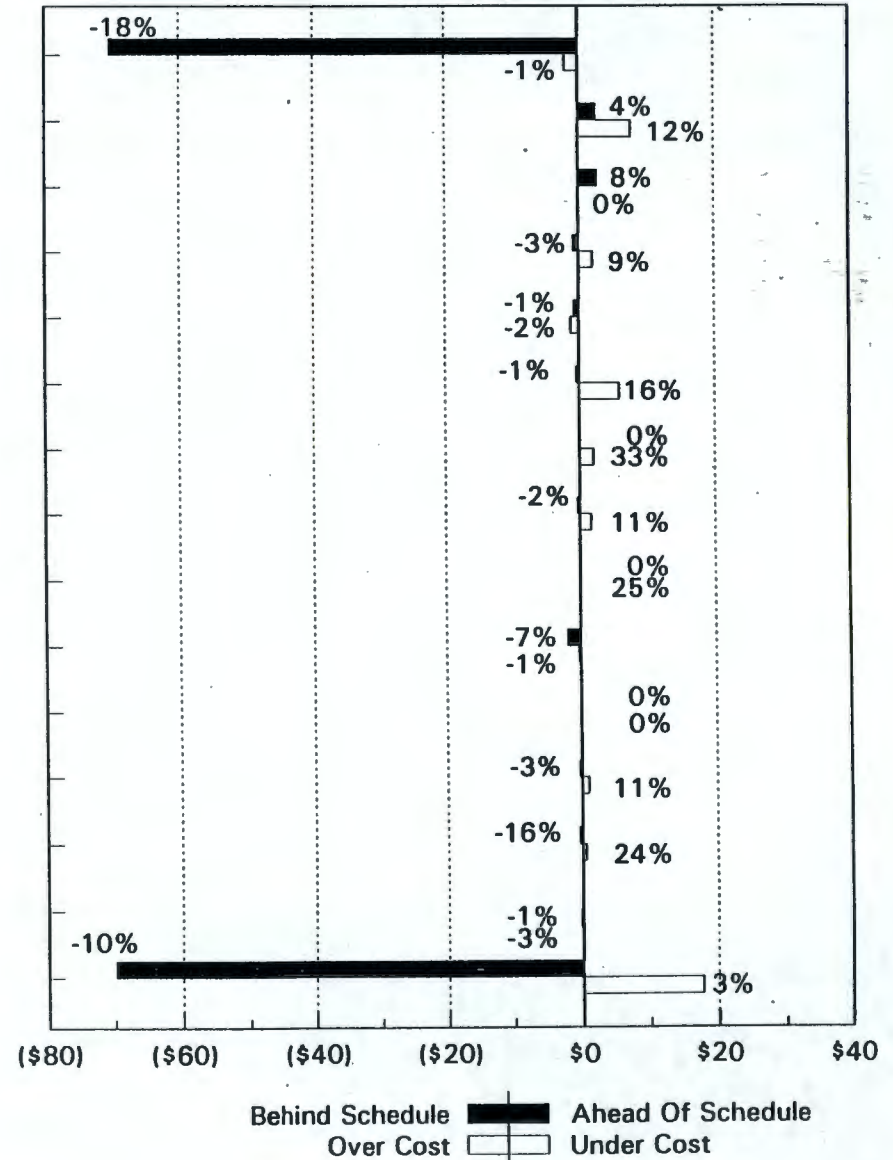
9613453-2329
MHC-SP-0969-50

EM 30 Cost/Schedule Summary Total \$

FYTD BCWS M\$'s

Cost/Schedule Through May 1995

1.1 Tank Waste Remediation System	388
1.2.1 Solid Waste	65
1.2.2 Liquid Waste	37
1.3.1 Facility Operations	26
1.4 Spent Nuclear Fuels	52
1.5.1 Analytical Services	37
1.5.2 Environmental Support	6
1.5.3 RCRA Monitoring	16
1.5.6 Waste Minimization	0.4
1.7 Science & Tech Research	29
1.8.1 RL Program Direction	21
1.8.2 Planning Integration	10
5.5 West Valley	3
9.X DOE-HQ ADS	7
Total EM 30	695



EM 40 Cost/Schedule Summary

Total \$

FYTD BCWS M\$'s

Cost/Schedule Through May 1995

2.0 Environmental Restoration

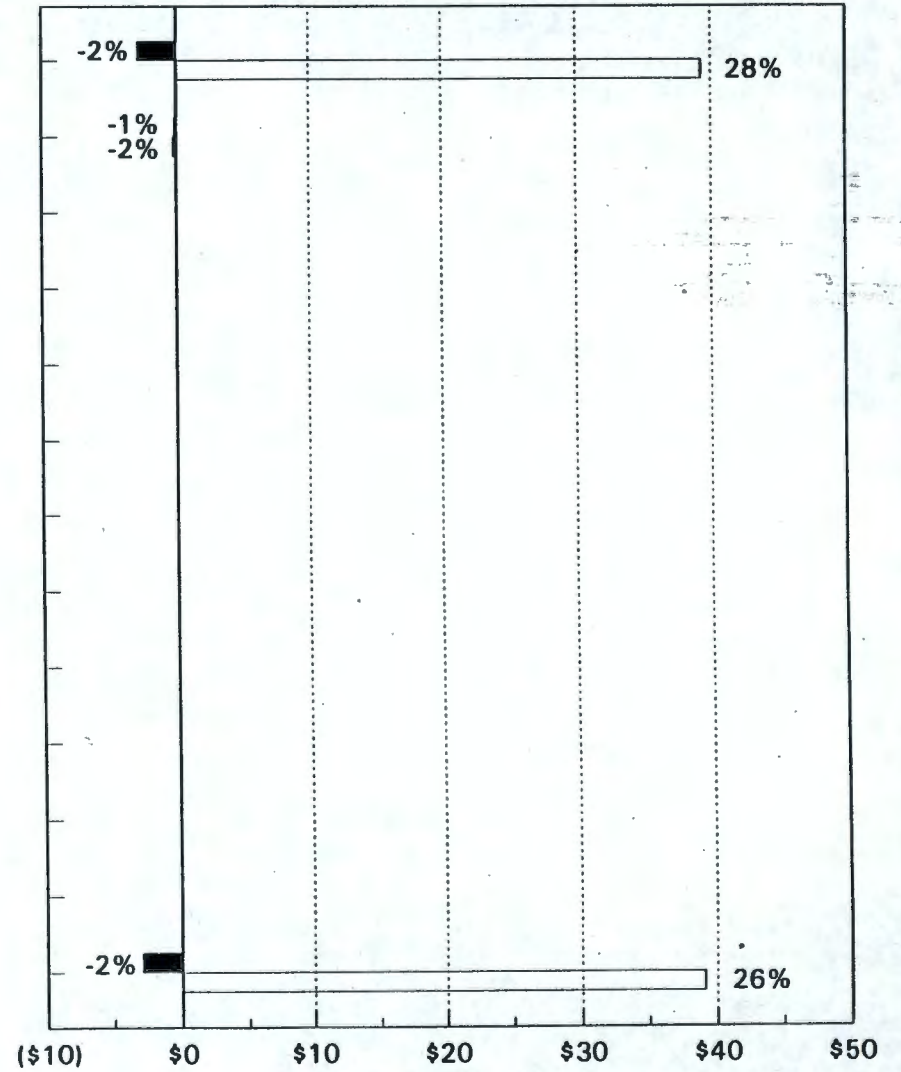
142

ER Program Direction

9

Total EM 40

151



Behind Schedule Ahead Of Schedule
Over Cost Under Cost

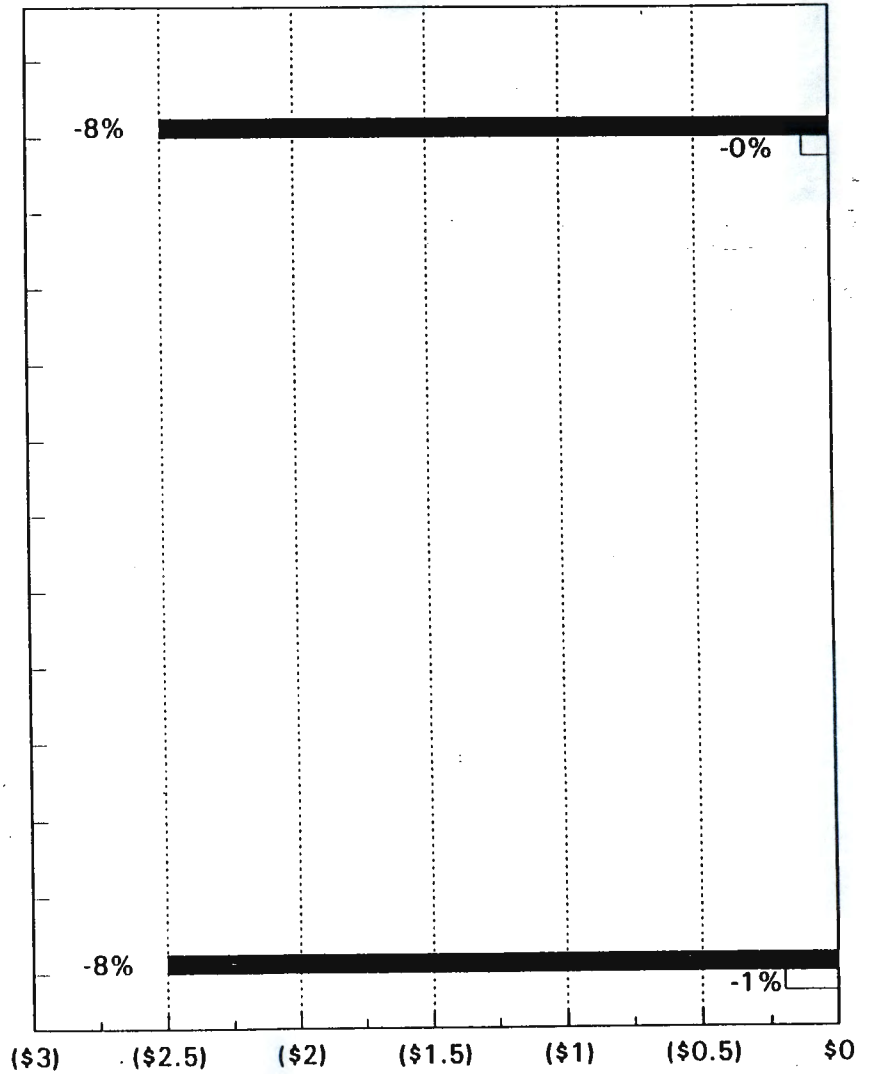
9613458.2321-SP-0969-50

EM 50 Cost/Schedule Summary Total \$

FYTD BCWS M\$'s

Cost/Schedule Through May 1995

3.4 Technology Development Support	0
3.5 Technology Development	31.2
Total EM 50	31.2



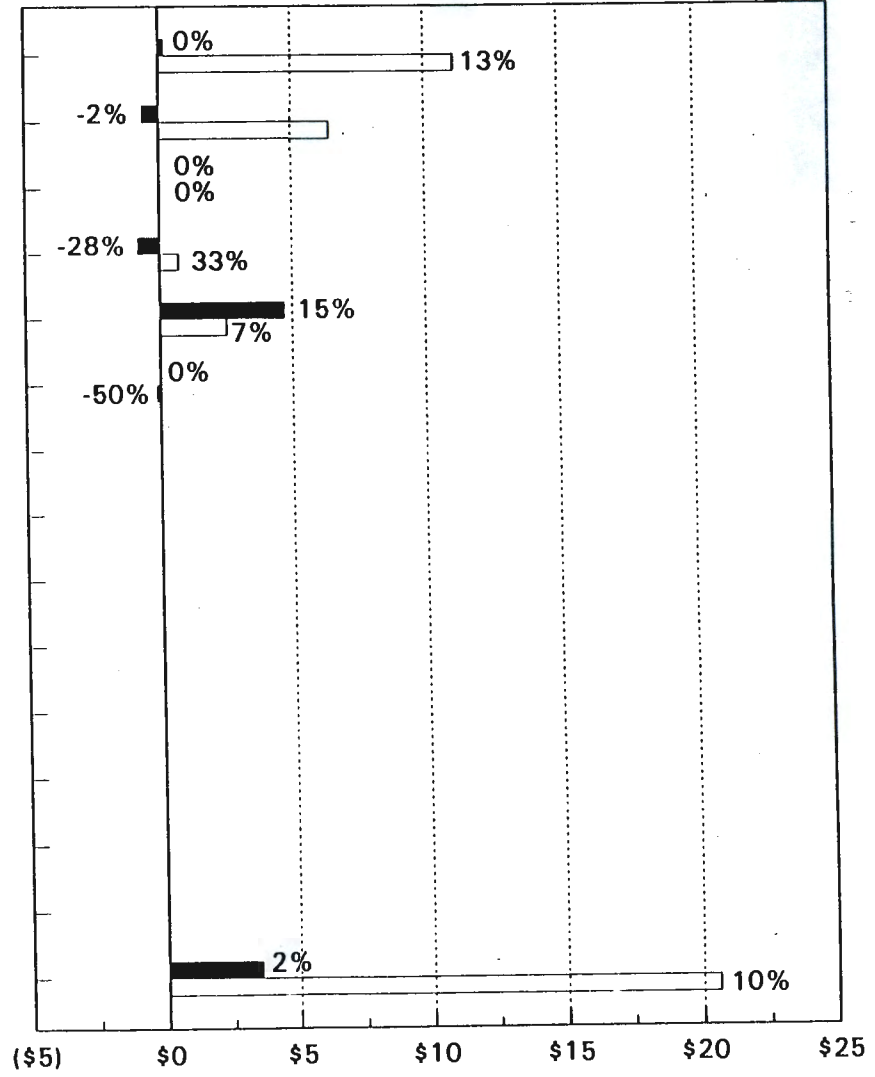
Behind Schedule Ahead Of Schedule
Over Cost Under Cost

9619453-2332
MHC-SP-0969-50

EM 60 Cost/Schedule Summary Total \$

WBS		FYTD BCWS M\$'s
7.1	Transition Projects	87
7.3	Advanced Reactor Transition	37
7.4.8	Program Direction	43
7.4.9	Economic Transition	3
7.5	Landlord	31
9.6	HQ Support To RL	0.2

Cost/Schedule Through May 1995



Behind Schedule Ahead Of Schedule
Over Cost Under Cost

12

Total EM 60

201

9613493-2333
96-SP-0969-50

TOTAL EM – ALL FUND TYPES

MAY 1995
(\$ In Millions)

	FYTD					FY Budget	BCWS CHANGE FROM PRIOR MONTH
	BCWS	BCWP	ACWP	SV	CV		
9.1/RL Contracting Activities	2.1	2.1	2.2	0.0	(0.1)	2.1	0.0
TOTAL EM 10	2.1	2.1	2.2	0.0	(0.1)	2.1	0.0
8.1/Transportation	0.2	0.2	3.0	0.0	(2.8)	0.9	0.8
8.2/HAMMER	0.0	0.0	5.8	0.0	(5.8)	0.0	(6.4)
8.3/Richland Analytical Services	1.4	1.5	2.1	0.1	(0.6)	2.3	(3.6)
8.4/Emergency Management	0.1	0.0	0.1	(0.1)	(0.1)	0.2	(0.1)
TOTAL EM 20	1.7	1.7	11.0	0.0	(9.3)	3.4	(9.3)
1.1/TWRS	387.6	317.3	319.3	(70.3)	(2.0)	613.1	25.1
1.2.1/Solid Waste	64.5	67.1	59.3	2.6	7.8	109.9	0.4
1.2.2/Liquid Waste	36.5	39.3	39.2	2.8	0.1	61.9	(2.6)
1.3.1/Facility Operations	25.5	24.7	22.6	(0.8)	2.1	38.9	(0.1)
1.4/Spent Nuclear Fuels	52.0	51.3	52.5	(0.7)	(1.2)	87.5	9.2
1.5.1/Analytical Services	37.4	37.0	31.1	(0.4)	5.9	62.8	(1.0)
1.5.2/Environmental Support	6.3	6.3	4.2	0.0	2.1	9.9	0.0
1.5.3/RCRA Monitoring	15.8	15.5	13.8	(0.3)	1.7	24.9	(2.0)
1.5.6/Waste Minimization	0.4	0.4	0.3	0.0	0.1	0.6	0.0
1.7/Science & Tech Research	28.8	26.8	27.0	(2.0)	(0.2)	46.7	0.2
1.8.1/RL Program Direction	21.2	21.2	21.2	0.0	0.0	40.5	0.0
1.8.2 Planning Integration	9.7	9.4	8.4	(0.3)	1.0	13.7	(0.1)
5.5/West Valley	2.5	2.1	1.6	(0.4)	0.5	3.2	0.0
9.X DOE-HQ ADS	6.8	6.7	6.9	(0.1)	(0.2)	9.8	0.1
TOTAL EM 30	695.0	625.1	607.4	(69.9)	17.7	1,123.4	29.2
2.0 Environmental Restoration	142.1	139.3	100.0	(2.8)	39.3	243.7	(0.4)
9.4/ER Program Direction	9.0	8.9	9.1	(0.1)	(0.2)	11.5	0.5
TOTAL EM 40	151.1	148.2	109.1	(2.9)	39.1	255.2	0.1
3.4/Technology Development Support	0.0	0.0	0.1	0.0	(0.1)	0.0	0.0
3.5/Technology Development	31.2	28.7	28.8	(2.5)	(0.1)	50.0	6.3
TOTAL EM 50	31.2	28.7	28.9	(2.5)	(0.2)	50.0	6.3
7.1/Transition Projects	87.4	87.6	76.5	0.2	11.1	135.8	0.1
7.3/Advanced Reactor Transition	36.6	36.0	29.6	(0.6)	6.4	65.5	0.0
7.4.8/Program Direction	42.8	42.8	42.8	0.0	0.0	75.4	(6.8)
7.4.9/Economic Transition	2.9	2.1	1.4	(0.8)	0.7	3.9	0.1
7.5 Landlord	30.6	35.3	32.8	4.7	2.5	45.6	0.9
9.6/HQ Support to RL	0.2	0.2	0.3	0.0	(0.1)	0.2	0.0
TOTAL EM 60	200.5	204.0	183.4	3.5	20.6	326.4	(5.7)
TOTAL EM	1,081.6	1,009.8	942.0	(71.8)	67.8	1,760.5	20.6

SCHEDULE VARIANCE

- Hanford schedule performance improved

DECEMBER	(\$54.8M) (14%)
JANUARY	(\$79.9M) (15%)
FEBRUARY	(\$91.3M) (13%)
MARCH	(\$105.5M) (13%)
APRIL	(\$86.1M) (9%)
MAY	(\$71.8M) (7%)

- The majority of the schedule variance is attributed to EM-30 - specifically TWRS. The biggest contributors to the TWRS schedule variance include:
 - DOE-HQ delays in approving KD-0 for Project W-314 (Tank Farm Upgrades, ADS 1120-6; -\$3.6M) and KD-3 for Project W-320 (106-C Sluicing, ADS 1210-4; -\$7.7M)
 - Late deployment of the Rotary and Push Mode Sampling Trucks (caused by equipment and operational issues) delayed sampling and sample analysis (ADS 1130-0; -\$7.5M)
 - Late placement of melter contracts; vendors behind schedule (ADS 1230 -\$3.0M)
 - MWTF is still part of TWRS baseline (ADS 1280-0; -\$36.9)

COST VARIANCE

- Hanford cost performance continues to underrun and is attributed to achievement of the productivity commitment; it should continue for the remainder of the year

DECEMBER	\$41.5M (12%)
JANUARY	\$ 9.2M (2%)
FEBRUARY	\$49.7M (8%)
MARCH	\$25.7M (4%)
APRIL	\$53.1M (6%)
MAY	\$67.8M (7%)

- The cost variance is attributed to process improvements/efficiencies, elimination of low-value work, and workforce reductions. This variance is expected to continue for the remainder of this year. A small portion of the cost variance is attributed to a delay in billing which should self-correct over time.

EM EXPENSE COST PERFORMANCE

MAY 1995
(\$ In Millions)

	BCWS	BCWP	FYTD ACWP	SV	CV	FY BCWS	BCWS CHANGE FROM PRIOR MONTH
9.1/RL Contracting Activities	2.1	2.1	2.2	0.0	(0.1)	2.1	0.0
TOTAL EM 10	2.1	2.1	2.2	0.0	(0.1)	2.1	0.0
8.1/Transportation	0.1	0.1	3.0	0.0	(2.9)	0.8	0.7
8.2/HAMMER	0.0	0.0	4.5	0.0	(4.5)	0.0	0.0
8.3/Richland Analytical Services	1.5	1.5	2.1	0.0	(0.6)	2.4	0.0
8.4/Emergency Management	0.1	0.0	0.1	(0.1)	(0.1)	0.2	0.0
TOTAL EM 20	1.7	1.6	9.7	(0.1)	(8.1)	3.4	0.7
1.1/TWRS	299.9	263.7	261.7	(36.2)	2.0	477.8	21.5
1.2.1/Solid Waste	44.7	44.1	36.7	(0.6)	7.4	71.4	0.0
1.2.2/Liquid Waste	26.2	25.8	22.8	(0.4)	3.0	40.4	(3.9)
1.3.1/Facility Operations	25.5	24.3	22.6	(1.2)	1.7	38.7	(0.1)
1.4/Spent Nuclear Fuels	52.0	51.3	52.4	(0.7)	(1.1)	87.1	9.0
1.5.1/Analytical Services	33.7	33.1	27.5	(0.6)	5.6	54.9	0.0
1.5.2/Environmental Support	6.3	6.3	4.2	0.0	2.1	9.9	0.0
1.5.3/RCRA Monitoring	15.4	15.2	12.5	(0.2)	2.7	24.2	(0.7)
1.5.6/Waste Minimization	0.4	0.4	0.3	0.0	0.1	0.6	0.0
1.7/Science & Tech Research	28.1	27.4	24.9	(0.7)	2.5	44.5	0.1
1.8.1/RL Program Direction	21.2	21.2	21.2	0.0	0.0	40.5	0.0
1.8.2 Planning Integration	9.7	9.4	8.4	(0.3)	1.0	13.7	(0.1)
5.5/West Valley	2.5	2.1	1.6	(0.4)	0.5	3.2	0.0
9.X DOE--HQ ADS	6.5	6.4	6.7	(0.1)	(0.3)	9.2	(0.2)
TOTAL EM 30	572.1	530.7	503.5	(41.4)	27.2	916.1	25.6
2.0 Environmental Restoration	142.1	139.3	100.0	(2.8)	39.3	243.7	(0.4)
9.4/ER Program Direction	9.0	8.9	9.1	(0.1)	(0.2)	11.5	0.5
TOTAL EM 40	151.1	148.2	109.1	(2.9)	39.1	255.2	0.1
3.4/Technology Development Support	0.0	0.0	0.1	0.0	(0.1)	0.0	0.0
3.5/Technology Development	24.5	22.8	23.9	(1.7)	(1.1)	36.1	1.6
TOTAL EM 50	24.5	22.8	24.0	(1.7)	(1.2)	36.1	1.6
7.1/Transition Projects	84.6	84.1	73.5	(0.5)	10.6	131.7	0.2
7.3.1/Advanced Reactor Transition	35.4	34.8	28.6	(0.6)	6.2	64.9	0.0
7.4/Program Direction	42.8	42.8	42.8	0.0	0.0	75.4	(6.7)
7.4.9/Economic Transition	2.9	2.1	1.4	(0.8)	0.7	3.9	0.1
7.5 Landford	10.1	10.0	8.0	(0.1)	2.0	16.2	0.0
9.6/HQ Support to RL	0.2	0.2	0.3	0.0	(0.1)	0.2	0.0
TOTAL EM 60	176.0	174.0	154.6	(2.0)	19.4	292.3	(6.4)
TOTAL EM	927.5	879.4	803.1	(48.1)	76.3	1,505.2	21.6

EM CENRTC PERFORMANCE

MAY 1995
(\$ In Millions)

	FYTD					FY BUDGET	CHANGE FROM PRIOR MONTH
	BCWS	BCWP	ACWP	SV	CV		
9.1/RL Contracting Activities	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL EM 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1/Transportation	0.1	0.1	0.0	0.0	0.1	0.1	0.1
8.2/HAMMER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.3/Richland Analytical Services	(0.1)	0.0	0.0	0.1	0.0	(0.1)	(0.1)
8.4/Emergency Management	0.0	0.0	0.0	0.0	0.0	0.0	(0.1)
TOTAL EM 20	0.0	0.1	0.0	0.1	0.1	0.0	(0.1)
1.1/TWRS	27.4	25.9	26.9	(1.5)	(1.0)	40.7	(1.9)
1.2.1/Solid Waste	0.8	3.1	3.3	2.3	(0.2)	3.7	(0.3)
1.2.2/Liquid Waste	0.1	0.1	0.1	0.0	0.0	0.1	0.0
1.3/Facility Operations	0.0	0.4	0.0	0.4	0.4	0.2	0.0
1.4/Spent Nuclear Fuels	0.0	0.0	0.1	0.0	(0.1)	0.4	0.4
1.5.1/Analytical Services	1.1	1.3	0.9	0.2	0.4	2.4	(1.1)
1.5.2/Environmental Support	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5.3/RCRA Monitoring	0.3	0.2	1.2	(0.1)	(1.0)	0.6	(1.4)
1.5.6/Waste Minimization	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7.1/Science & Tech Research	0.1	0.1	0.1	0.0	0.0	0.4	0.1
1.8.1/RL Program Direction	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8.2/Planning Integration	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5/West Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.X/DOE-HQ ADS	0.3	0.3	0.2	0.0	0.1	0.6	0.3
TOTAL EM 30	30.1	31.4	32.8	1.3	(1.4)	49.1	(3.9)
2.0/Environmental Restoration	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.4/ER Program Direction	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL EM 40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4/Technology Development Support	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.5/Technology Development	6.7	5.9	4.9	(0.8)	1.0	13.9	4.7
TOTAL EM 50	6.7	5.9	4.9	(0.8)	1.0	13.9	4.7
7.1/Transition Projects	0.6	1.3	0.6	0.7	0.7	0.9	0.0
7.3.1/Advanced Reactor Transition	0.0	0.1	0.1	0.1	0.0	0.0	0.0
7.4 Program Direction	0.0	0.0	0.0	0.0	0.0	0.0	(0.1)
7.4.9 Economic Transition	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5 Landlord	2.8	5.1	4.3	2.3	0.8	4.7	0.6
9.6/HQ Support to RL	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL EM 60	3.4	6.5	5.0	3.1	1.5	5.6	0.5
TOTAL EM	40.2	43.9	42.7	3.7	1.2	68.6	1.2

EM GPP/LINE ITEM PERFORMANCE

MAY 1995
(\$ In Millions)

	BCWS	BCWP	FYTD ACWP	SV	CV	FY BUDGET	BCWS CHANGE FROM PRIOR MONTH
9.1/RL Contracting Activities	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total EM 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1/Transportation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.2/HAMMER	0.0	0.0	1.3	0.0	(1.3)	0.0	(3.5)
8.3/Richland Analytical Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.4/Emergency Management	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL EM 20	0.0	0.0	1.3	0.0	(1.3)	0.0	(3.5)
1.1/TWRS	60.3	27.7	30.7	(32.6)	(3.0)	94.6	5.6
1.2.1/Solid Waste	19.0	19.9	19.3	0.9	0.6	34.8	0.7
1.2.2/Liquid Waste	10.2	13.4	16.3	3.2	(2.9)	21.4	1.3
1.3.1/Facility Operations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4/Spent Nuclear Fuels	0.0	0.0	0.0	0.0	0.0	0.0	(0.2)
1.5.1/Site Support	2.6	2.6	2.7	0.0	(0.1)	5.5	0.1
1.5.2/Environmental Support	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5.3/RCRA Monitoring	0.1	0.1	0.1	0.0	0.0	0.1	0.1
1.5.6/Waste Minimization	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7.1/Research	0.6	(0.7)	2.0	(1.3)	(2.7)	1.8	0.0
1.8.1/RL Program Direction	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8.2 Planning Integration	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5/West Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.0/DOE-HQ ADSs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL EM 30	92.8	63.0	71.1	(29.8)	(8.1)	158.2	7.6
2.0 Environmental Restoration	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.4/ER Program Direction	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL EM 40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4/Technology Development Support	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.5/Technology Development	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL EM 50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1/Transition Projects	2.2	2.2	2.4	0.0	(0.2)	3.2	(0.1)
7.3.1 Advanced Reactor Transition	0.6	0.6	0.5	0.0	0.1	0.6	0.0
7.4/Program Direction	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.4.9/Economic Transition	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5 Landlord	17.7	20.2	20.5	2.5	(0.3)	24.7	0.3
9.6/HQ Support to RL	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL EM 60	20.5	23.0	23.4	2.5	(0.4)	28.5	0.2
TOTAL	113.3	86.0	95.8	(27.3)	(9.8)	186.7	4.3

TWRS COST PERFORMANCE BY ADS – ALL FUND TYPES

MAY 1995
(\$ In Millions)

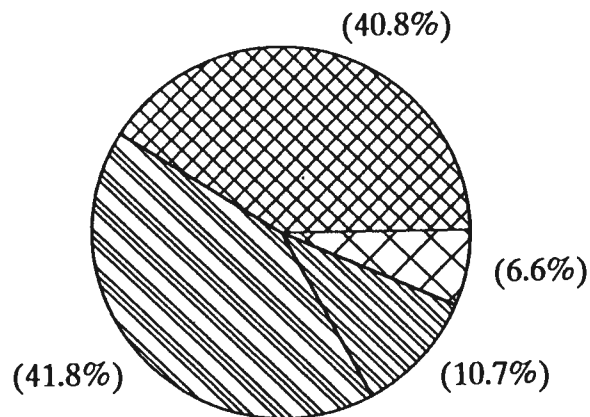
			BCWS	BCWP	FYTD ACWP	SV	CV
1.1.1.1	1200	TWRS Program Mgmt and Admin	30.8	30.4	31.4	(0.4)	(1.0)
1.1.2.1	1100	TF Ops and Maintenance	91.7	92.4	82.9	0.7	9.5
1.1.2.2	1110	Waste Tank Safety Program	41.5	41.3	35.1	(0.2)	6.2
1.1.2.3	1120	TF Upgrades	35.5	24.3	27.6	(11.2)	(3.3)
1.1.2.4	1130	Waste Characterization	49.2	41.8	49.5	(7.4)	(7.7)
1.1.2.5	1210	Waste Retrieval	22.6	17.1	19.8	(5.5)	(2.7)
1.1.3.1	1220	Waste Pretreatment	13.6	12.0	10.8	(1.6)	1.2
1.1.3.2	1230	LLW Disposal	25.3	23.3	18.9	(2.0)	4.4
1.1.3.3	1240	HLW Immobilization	17.2	12.5	19.9	(4.7)	(7.4)
1.1.2.6.3	1260	Waste Rem Facility Impr	0.0	0.0	0.0	0.0	0.0
1.1.2.3.4	1280	MWTF	60.2	22.2	23.4	(38.0)	(1.2)
		TOTAL TWRS	387.6	317.3	319.3	(70.3)	(2.0)

ER COST PERFORMANCE BY ADS

MAY 1995
(\$ In Millions)

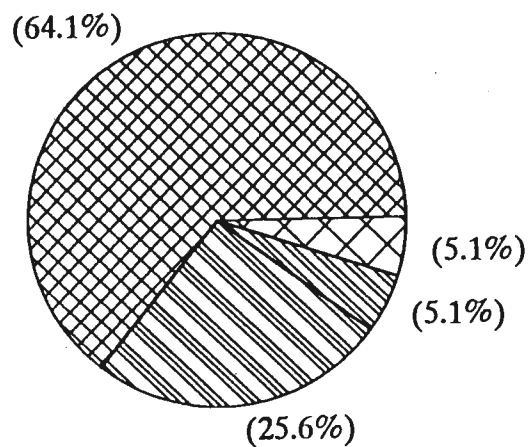
			BCWS	BCWP	FYTD ACWP	SV	CV
2.1.1	3010	RARA/USTS	4.9	4.2	4.4	(0.7)	(0.2)
2.1.10	3200	200 BP	5.0	3.5	3.4	(1.5)	0.1
2.1.12	3210	200 PO	0.2	0.1	0.0	(0.1)	0.1
2.1.16	3230	200 UP	4.1	3.2	3.2	(0.9)	0.0
2.1.17	3235	200 ZP	7.6	6.6	3.7	(1.0)	2.9
2.1.2	3020	RCRA Closures	1.7	1.8	0.9	0.1	0.9
2.1.22	3300	300 FF	2.0	1.8	1.4	(0.2)	0.4
2.1.23	3390	1100 EM	4.7	4.7	2.5	0.0	2.2
2.1.3	3000	SST Closures	0.0	0.0	0.0	0.0	0.0
2.1.4	3100	100 DR	3.8	3.5	3.1	(0.3)	0.4
2.1.5	3105	100 BC	5.1	5.0	3.5	(0.1)	1.5
2.1.6	3110	100 KR	1.6	1.6	0.5	0.0	1.1
2.1.7	3115	100 FR	4.3	3.1	1.1	(1.2)	2.0
2.1.8	3120	100 HR	3.9	4.0	2.0	0.1	2.0
2.1.9	3125	100 NR	7.1	6.1	6.1	(1.0)	0.0
2.2.1	3500	Asbestos Abatement	2.1	0.9	0.8	(1.2)	0.1
2.2.2	3150	100 Area D&D	11.3	10.9	7.1	(0.4)	3.8
2.2.3	3520	200 Area D&D	4.3	4.1	3.2	(0.2)	0.9
2.2.5	3600	N Reactor	15.2	15.0	11.2	(0.2)	3.8
2.3.1	3400	Program Management & Support Remedial Actions	28.6	29.3	28.1	0.7	1.2
2.3.2	3410	Program Management & Support – USACE & RL	16.1	16.0	7.7	(0.1)	8.3
2.5.1	3700	Disposal Facility	8.5	13.9	6.1	5.4	7.8
		TOTAL EM 40	142.1	139.3	100.0	(2.8)	39.3

FYTD MILESTONE STATUS – MAY 1995
 – ALL MILESTONES –

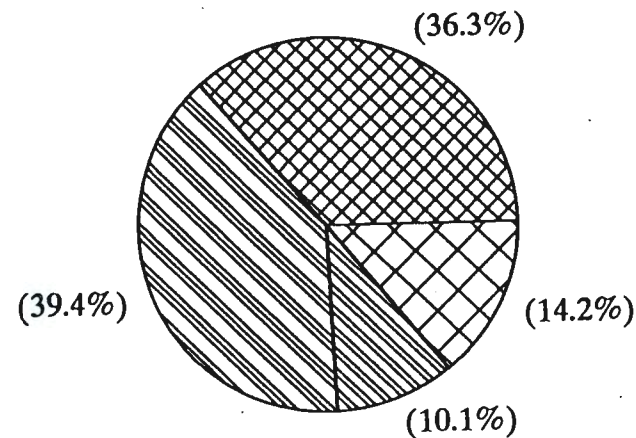


21

FYTD MILESTONE STATUS – MAY 1995
 – ENFORCEABLE AGREEMENT –



FYTD MILESTONE STATUS – MAY 1995
 – HQ/FO/RL –



% EARLY
 % ON SCH.
 % COMP. LATE
 % OVERDUE

9613453-2342
 WMC-SP-0969-50

FY 1995 MILESTONE STATUS

MAY 1995

	Scheduled Fiscal-Year-To-Date				Remaining Scheduled			Total FY 1995
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
TPA Major	2	0	0	0	1	2	0	5
TPA Interim	23	10	2	2	20	15	4	76
DOE-HQ	70	61	22	38	13	119	8	331
FO	40	24	12	17	6	115	6	220
RL	148	195	38	46	36	261	9	733
TOTAL HANFORD EM	283	290	74	103	76	512	27	1365
Complete %	37.7%	38.7%	9.9%	6.1%				
Remain %					12.4%	83.3%	4.4%	

9613493-2347
 WHC-SP-0969-50

FY 1995 MILESTONE STATUS – ENFORCEABLE AGREEMENT
MAY 1995

	Scheduled Fiscal-Year-To-Date				Remaining Scheduled			Total FY 1995
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
8.0/Compliance & Program Coordination	0	0	0	0	0	0	0	0
TOTAL EM 20	0	0	0	0	0	0	0	0
1.1/TWRS	7	0	1	2	1	6	0	17
1.2/Solid & Liquid Waste	2	0	0	0	5	7	2	16
1.3/Facility Operations	0	0	0	0	1	0	0	1
1.4/Spent Nuclear Fuel	0	0	0	0	0	0	0	0
1.5/Site Support	3	1	0	0	1	0	0	5
1.7/Science & Tech Research	0	0	0	0	0	2	0	2
1.8.1/RL Program Direction	0	0	0	0	0	0	0	0
1.8.2/Planning Integration	0	0	0	0	0	1	0	1
5.5/West Valley	0	0	0	0	0	0	0	0
9.X/DOE-HQ ADSs	0	0	0	0	0	0	0	0
TOTAL EM 30	12	1	1	2	8	16	2	42
2.0/Environmental Restoration	10	8	1	0	5	0	2	26
TOTAL EM 40	10	8	1	0	5	0	2	26
3.4/Technology Development	0	0	0	0	0	0	0	0
3.5/Technology Development Support	0	0	0	0	0	0	0	0
TOTAL EM 50	0	0	0	0	0	0	0	0
7.1/Transition Projects	1	0	0	0	8	1	0	10
7.3/Advanced Reactor Transition	0	0	0	0	0	0	0	0
7.4/Program Direction	0	0	0	0	0	0	0	0
7.4.9/Economic Transition	0	0	0	0	0	0	0	0
7.5/Landlord	1	0	0	0	0	0	0	1
TOTAL EM 60	2	0	0	0	8	1	0	11
TOTAL EM	24	9	2	2	21	17	4	79
INDIRECTS	1	1	0	0	0	0	0	2
TOTAL HANFORD	25	10	2	2	21	17	4	81
Complete %	64.1%	25.6%	5.1%	5.1%				
Remain %					50.0%	40.5%	9.5%	

MILESTONE EXCEPTIONS - ENFORCEABLE AGREEMENT MILESTONES

WBS	TYPE	MILESTONE	BASELINE DATE	FORECAST COMP.	CAUSE/IMPACT/RECOVERY PLAN
DUE BUT NOT COMPLETE					
1.1	TPA-I	W-314B DST Ventilation Upgrades CDR (ADS 1120) (M-43-02A)	05/95	05/96	<p>Cause: Delay in approval of KD-0.</p> <p>Impact: Project has been delayed approximately one year. Impacts being assessed.</p> <p>Recovery Plan: Approval of KD-0 was received in February 1995 (approval was scheduled for July 1994); work initiated. Change request extending the milestone date was disapproved. The recovery schedule provided to Ecology shows completion of the Tank Farm Upgrade Project's design configuration baseline in May 1996 satisfying M-43-02A and M-43-04A.</p>
1.1	TPA-I	W-314A Tank Farm Instrumentation Upgrades CDR (ADS 1120) (M-43-04A)	05/95	05/96	Same as above.

960453.2345
 WMC-SP-0969-50

MILESTONE EXCEPTIONS - ENFORCEABLE AGREEMENT MILESTONES

WBS	TYPE	MILESTONE	BASELINE DATE	FORECAST COMP.	CAUSE/IMPACT/RECOVERY PLAN
FORECAST LATE					
1.2	TPA-I	Initiate Operations - 200 Area ETF (M-17-14) (ADS 2300)	06/95	10/95	<p>Cause: The 200 Area ETF construction delay has impacted this milestone.</p> <p>Impact: Impacts are being reviewed with regulators and RL. Forecast completion date is based on those discussions.</p> <p>Recovery Plan: The Tri-Parties have been meeting since February 1995 to discuss the strategy for proceeding with these milestones. All parties agreed to: 1) reword M-17-00A to allow for temporary storage of process condensate stream in the LERF Basins until BAT/AKART implementation occurred; and, 2) RL will withdraw the dispute on extending M-17-14 and M-17-29 completion dates and these two interim milestones would be missed (they will be completed during the first quarter of FY 1996).</p>
1.2	TPA-I	Implement BAT/AKART for 242-A Evaporator Process Condensate (M-17-29) (ADS 2300)	06/95	10/95	Same as above.

9613453.2316
 WHC-SP-0969-50

MILESTONE EXCEPTIONS - ENFORCEABLE AGREEMENT MILESTONES

WBS	TYPE	MILESTONE	BASELINE DATE	FORECAST COMP.	CAUSE/IMPACT/RECOVERY PLAN
FORECAST LATE (CONTINUED)					
2.0	TPA-I	Submit the 100 BC-2 OU Feasibility Study (M-15-16E) (ADS 3105)	06/95	09/95	Cause: On hold per RL direction. Impact: None to overall program. Recovery Plan: Change request was reviewed with regulators; they will not take action until an agreement is reached on the proposed plans for 100-HR-1, 100-DR-1 and 100-BC-1.
2.0	TPA-I	Submit the 100 BC-2 IRM Proposed Plan (M-15-16F) (ADS 3105)	06/95	09/95	Same as above.

9613459-2347
 WHC-SP-0969-50

DISTRIBUTION

Number of copiesOFFSITE

3 U.S. Department of Energy - Headquarters
1000 Independence Ave., S.W.
Washington, D.C. 20585

Steven R. Woodbury (EH-222)
Gary O. Roberson (EM-36)
J. V. Antizzo (EM-36)

1 B&W Nuclear Environmental Services, Inc.
P.O. Box 10548
2200 Langhorne Road
Lynchburg, VA 24506-0548

Gary W. Smith

1 Benton County Treasurer's Office
P.O. Box 630
Prosser, WA 99350-0630

Scott Holt

2 Confederated Tribes of the Umatilla
Indian Reservation
P.O. Box 638
Pendleton, OR 97801

Elwood Patawa

1 Department of Health
Nuclear Safety Section
1511 - 3rd Ave., Suite 700
Seattle, WA 98101

Robert R. Mooney

6 DNFSB
625 Indiana Ave. N.W.
Suite 700
Washington, D.C. 20004

Dermot M. Winters

1 Enserch Environmental Corporation
1981 Snyder Road, Suite 3
Richland, WA 99352

Glenn Cox

DISTRIBUTION (cont)

Number of copiesOFFSITE

- 1 Golder Associates, Inc.
1933 Jadwin Ave., Suite 125
Richland, WA 99352

Ken Moser
- 1 Hanford Advisory Board
Gordon Rodgers
1108 Road 36
Pasco, WA 99301
- 1 Oregon State University
Graduate School
Administrative Services, A-300
Corvallis, OR 97731

John Ringle
- 1 Physicians for Social Responsibilities
030 S.W. Ridge Drive
Portland, OR 97219-6566

Richard Belsey, M.D.
- 1 PRC Environmental Management
1411 - 4th Ave., Suite 720
Seattle, WA 98101

Jeff Ross
- 1 SAIC
1845 Terminal Drive
Richland, WA 99352

Jerry White
- 1 Washington Physicians for Social Responsibility
4534 1/2 University Way N.E.
Seattle, WA 98105

Mark Bigelow

DISTRIBUTION (cont)

Number of copiesOFFSITE

1 Montgomery Watson
1201 Jadwin Ave., Suite 202
Richland, WA 99352

Kevin E. Kelly

ONSITE

1 U.S. Department of Energy,
Richland Operations Office

Public Reading Room H2-53

1 U.S. Environmental Protection
Agency

D. R. Einan B5-01

3 Kaiser Engineers Hanford

K. J. Dempsey E6-61
R. E. Tiller E6-61
T. L. Watson S3-10

2 Westinghouse Hanford Company

Central Files L8-04
Correspondence Control A3-01