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WHC-SP-0969-48

Site Management System Executive Summary Report -- March 1995

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

Westinghouse
Hanford Company Richland, Washington

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

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WHC Information Release Administration Specialist:

Chris Willingham

C. Willingham 4/11/95

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MARCH 1995 SITE MANAGEMENT SYSTEM EXECUTIVE SUMMARY

Performance data for March 1995 reflects a continued unfavorable schedule variance and favorable cost variance. The March fiscal-year-to-date (FYTD) schedule variance is an unfavorable $105.5M*. EM-30 (Office of Waste Management) is the biggest contributor ($81.9 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 6.

The TWRS schedule variance totals a negative $63.0 million and is attributed to the delay in receiving key decision 0 (KD-0) for Project W-314, "Tank Farm Restoration and Safe Operations"; the delay in receiving KD-3 for Project W-320, "106-C Sluicing"; late deployment of the rotary and push mode sampling trucks due to equipment and operational issues; late placement of melter contracts; and the Multi-Function Waste Tank Facility (MWTF) workscope still being a part of the baseline. Class I change requests are in process to rebaseline the activities associated with KDs. An aggressive sampling schedule has been developed for the rotary and push mode sampling activity.

Thirty-seven enforceable agreement milestones were schedule FYTD. Thirty-six (97 percent) of the thirty-seven were completed on or ahead of schedule and one (3 percent) is delinquent. The Department of Energy, Richland Operations Office entered into dispute resolution on April 7, 1995, for the delinquent milestone. Six (13 percent) of the 39 remaining enforceable agreement milestones scheduled for FY 1995 are forecast to be late. Additional information on these milestones can be found on pages 13 through 15.

Performance data reflects a significant favorable $25.7 million (4 percent) cost variance. The majority of the cost variance is attributed to progress towards achievement of productivity commitment goals and is expected to continue for the remainder of this fiscal year.

*Dollar figures include all fund types - expense, capital equipment not related to construction, and construction.

HANFORD EM STATUS BY CONTROL POINT
- All Fund Types -
(March 1995)

	Schedule	Enforceable Agreement	Productivity	Cost	Financial
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

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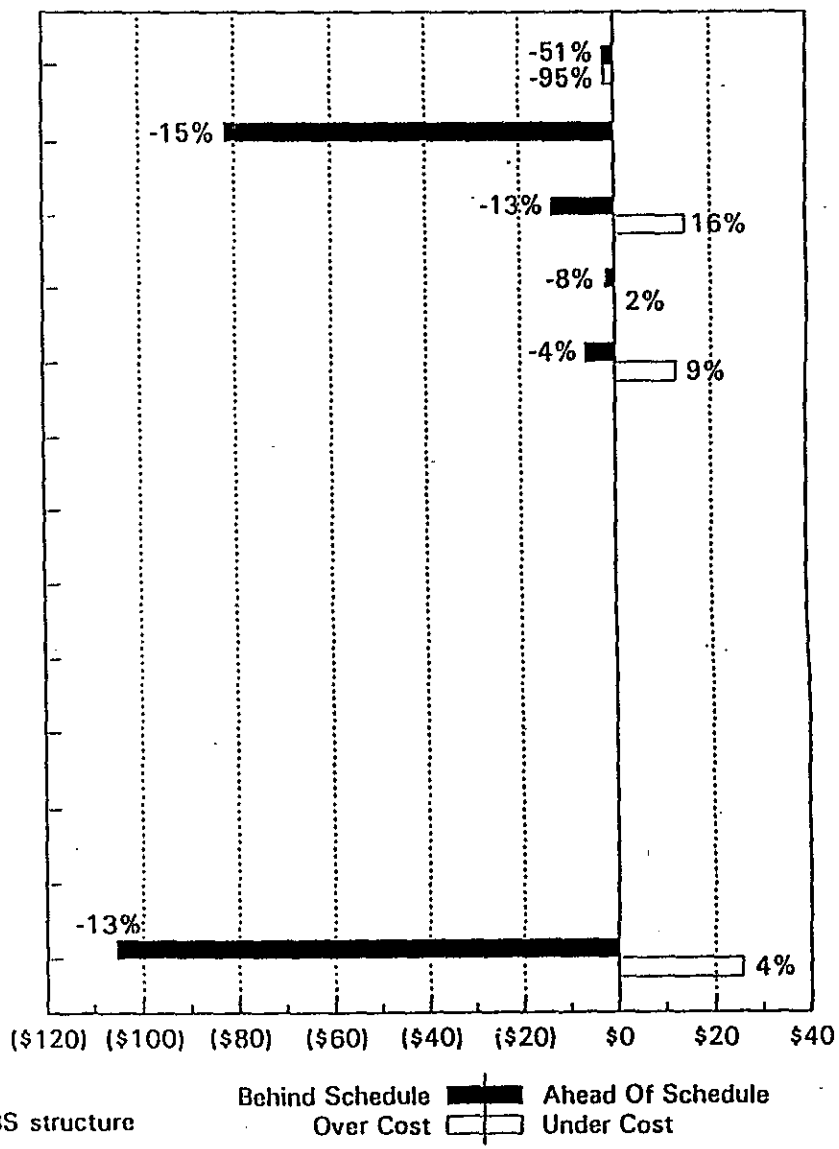
Hanford Cost/Schedule Summary
Total EM - All Fund Type

	FYTD BCWS M$'s
EM 20*	4
EM 30	537
EM 40	105
EM 50	25
EM 60	153
Total Hanford	825

Cost/Schedule Through Mar. 1995



* Performance data was inadvertently lost in the transfer to the new 8.0 WBS structure

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EM COST PERFORMANCE – ALL FUND TYPES

MARCH 1995
($ In Millions)

	BCWS	FYTD BCWP	ACWP	SV	CV	FY BUDGET
EM 20*	4.3	2.1	4.1	(2.2)	(2.0)	9.5
EM 30	537.0	455.1	455.2	(81.9)	(0.1)	1,116.9
EM 40	105.4	92.2	77.6	(13.2)	14.6	244.1
EM 50	24.6	22.7	22.3	(1.9)	0.4	44.2
EM 60	153.4	147.1	134.3	(6.3)	12.8	303.8
TOTAL EM	824.7	719.2	693.5	(105.5)	25.7	1,718.5

*Performance data was inadvertently lost in the transfer to the new 8.0 WBS structure.

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

	Schedule	Enforceable Agreement	Productivity	Cost	Financial
8.0/Compliance & Program Coordination	- ○	N/A	N/A	- ○	
TOTAL EM 20	- ○	N/A	N/A	- ○	
1.1/TWRS	- ○	○	N/A	- ●	
1.2/Solid/Liquid Waste	- ◒	◒	N/A	- ●	
1.3/ Transition Projects	+ ●	●	N/A	+ ○	
1.4/Spent Nuclear Fuels	- ●	N/A	N/A	- ●	
1.5/Site Support	- ◒	●	N/A	+ ○	
1.7/Site Research	- ○	●	N/A	- ◒	
1.8.1/Program Direction	- ○	N/A	N/A	- ○	
1.8.2/Planning Integration	- ◒	●	N/A	+ ◒	
5.5/West Valley	- ○	N/A	N/A	+ ○	
9.X/DOE-HQ ADS	- ◒	N/A	N/A	- ●	
TOTAL EM 30	- ○	◒	N/A	●	
2.0/Environmental Restoration	- ○	◒	N/A	+ ○	
TOTAL EM 40	- ○	◒	N/A	+ ○	
3.4/Technology Development Sup	N/A	N/A	N/A	N/A	
3.5/Technology Development	- ◒	N/A	N/A	+ ●	
TOTAL EM 50	- ◒	N/A	N/A	+ ●	
7.1/Transition Projects	- ●	●	N/A	+ ◒	
7.3.1/Advanced Reactor Transition	+ ●	N/A	N/A	+ ○	
7.4/Program Direction	- ○	N/A	N/A	- ◒	
7.4.9/Economic Transition	- ○	N/A	N/A	+ ○	
7.5/Landlord	+ ○	N/A	N/A	+ ○	
TOTAL 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

TOTAL EM – ALL FUND TYPES

MARCH 1995

($ In Millions)

	BCWS	BCWP	FYTD ACWP	SV	CV	FY Budget
8.0/Program Compliance	4.3	2.1	4.1	(2.2)	(2.0)	9.5
TOTAL EM 20	4.3	2.1	4.1	(2.2)	(2.0)	9.5
1.1/TWRS	294.0	231.0	232.4	(63.0)	(1.4)	610.9
1.2/Solid/Liquid Waste	81.5	75.3	75.9	(6.2)	(0.6)	180.0
1.3.1/Facility Operations	19.3	19.8	17.1	0.5	2.7	39.2
1.4/Spent Nuclear Fuels	39.5	38.3	39.6	(1.2)	(1.3)	76.8
1.5/Site Support	47.8	43.8	37.8	(4.0)	6.0	106.3
1.7/Science & Tech Research	20.8	18.0	19.5	(2.8)	(1.5)	46.5
1.8.1/RL Program Direction	14.8	10.6	15.0	(4.2)	(4.4)	24.8
1.8.2 Planning Integration	3.5	3.3	3.0	(0.2)	0.3	7.4
5.5/West Valley	2.1	1.8	1.4	(0.3)	0.4	3.2
9.X DOE–HQ ADS	13.7	13.2	13.5	(0.5)	(0.3)	21.8
TOTAL EM 30	537.0	455.1	455.2	(81.9)	(0.1)	1,116.9
2.0 Environmental Restoration	105.4	92.2	77.6	(13.2)	14.6	244.1
TOTAL EM 40	105.4	92.2	77.6	(13.2)	14.6	244.1
3.4/Technology Development Support	0.0	0.0	0.1	0.0	(0.1)	0.0
3.5/Technology Development	24.6	22.7	22.2	(1.9)	0.5	44.2
TOTAL EM 50	24.6	22.7	22.3	(1.9)	0.4	44.2
7.1/Transition Projects	64.4	63.1	57.6	(1.3)	5.5	135.1
7.3/Advanced Reactor Transition	25.5	25.7	20.8	0.2	4.9	61.7
7.4.8/Program Direction	36.1	28.8	30.3	(7.3)	(1.5)	57.4
7.4.9/Economic Transition	2.4	1.9	1.0	(0.5)	0.9	4.0
7.5 Landlord	25.0	27.6	24.6	2.6	3.0	45.6
TOTAL EM 60	153.4	147.1	134.3	(6.3)	12.8	303.8
TOTAL EM	824.7	719.2	693.5	(105.5)	25.7	1,718.5

TWRS COST PERFORMANCE BY ADS – ALL FUND TYPES

MARCH 1995
($ In Millions)

			FYTD				
			BCWS	BCWP	ACWP	SV	CV
1.1.1.1	1200	TWRS Program Mgmt and Admin	20.9	20.3	23.3	(0.6)	(3.0)
1.1.2.1	1100	TF Ops and Maintenance	70.0	66.6	61.9	(3.4)	4.7
1.1.2.2	1110	Waste Tank Safety Program	31.0	27.7	26.6	(3.3)	1.1
1.1.2.3	1120	TF Upgrades	25.6	17.8	19.0	(7.8)	(1.2)
1.1.2.4	1130	Waste Characterization	33.4	31.3	35.8	(2.1)	(4.5)
1.1.2.5	1210	Waste Retrieval	22.2	12.8	15.4	(9.4)	(2.6)
1.1.3.1	1220	Waste Pretreatment	10.1	8.3	6.4	(1.8)	1.9
1.1.3.2	1230	LLW Disposal	22.1	16.8	13.9	(5.3)	2.9
1.1.3.3	1240	HLW Immobilization	14.3	11.0	10.8	(3.3)	0.2
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	44.4	18.4	19.3	(26.0)	(0.9)
	TOTAL TWRS		294.0	231.0	232.4	(63.0)	(1.4)

EM EXPENSE COST PERFORMANCE

MARCH 1995
($ In Millions)

	BCWS	BCWP	FYTD ACWP	SV	CV	FY BUDGET
8.0/Program Coordination	2.7	1.8	3.6	(0.9)	(1.8)	5.9
TOTAL EM 20	2.7	1.8	3.6	(0.9)	(1.8)	5.9
1.1/TWRS	225.4	194.1	188.7	(31.3)	5.4	473.7
1.2/Solid/Liquid Waste	60.9	49.4	45.6	(11.5)	3.8	123.3
1.3.1/Facility Operations	19.3	19.4	17.1	0.1	2.3	39.1
1.4/Spent Nuclear Fuels	39.5	38.3	39.5	(1.2)	(1.2)	76.6
1.5/Site Support	42.2	40.7	34.9	(1.5)	5.8	92.1
1.7/Science & Tech Research	20.9	19.9	17.9	(1.0)	2.0	44.4
1.8.1/RL Program Direction	14.8	10.6	15.0	(4.2)	(4.4)	24.8
1.8.2 Planning Integration	3.5	3.3	3.0	(0.2)	0.3	7.4
5.5/West Valley	2.1	1.8	1.4	(0.3)	0.4	3.2
9.X DOE--HQ ADS	13.5	13.0	13.5	(0.5)	(0.5)	21.6
TOTAL EM 30	442.1	390.5	376.6	(51.6)	13.9	906.2
2.0 Environmental Restoration	105.4	92.2	77.6	(13.2)	14.6	244.1
TOTAL EM 40	105.4	92.2	77.6	(13.2)	14.6	244.1
3.4/Technology Development Support	0.0	0.0	0.1	0.0	(0.1)	0.0
3.5/Technology Development	20.6	18.6	18.0	(2.0)	0.6	35.1
TOTAL EM 50	20.6	18.6	18.1	(2.0)	0.5	35.1
7.1/Transition Projects	62.2	60.3	55.2	(1.9)	5.1	131.5
7.3.1/Advanced Reactor Transition	24.9	25.1	20.4	0.2	4.7	60.9
7.4/Program Direction	36.1	28.8	30.3	(7.3)	(1.5)	57.3
7.4.9/Economic Transition	2.4	1.9	1.0	(0.5)	0.9	4.0
7.5 Landlord	7.7	7.5	5.9	(0.2)	1.6	16.2
TOTAL EM 60	133.3	123.6	112.8	(9.7)	10.8	269.9
TOTAL EM	704.1	626.7	588.7	(77.4)	38.0	1,461.2

EM CENRTC PERFORMANCE

MARCH 1995
($ In Millions)

	BCWS	BCWP	FYTD ACWP	SV	CV	FY BUDGET
8.0/Compliance & Program Coordination	0.1	0.0	0.1	(0.1)	(0.1)	0.1
TOTAL EM 20	0.1	0.0	0.1	(0.1)	(0.1)	0.1
1.1/TWRS	22.6	15.4	21.6	(7.2)	(6.2)	42.6
1.2/Solid/Liquid Waste	0.4	1.4	2.8	1.0	(1.4)	3.5
1.3/Facility Operations	0.0	0.4	0.0	0.4	0.4	0.1
1.4/Spent Nuclear Fuels	0.0	0.0	0.1	0.0	(0.1)	0.0
1.5/Site Support	4.0	1.5	1.2	(2.5)	0.3	8.1
1.7.1/Science & Tech Research	0.0	0.0	0.0	0.0	0.0	0.3
1.8.1/RL Program Direction	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
5.5/West Valley	0.0	0.0	0.0	0.0	0.0	0.0
9.X/DOE–HQ ADS	0.2	0.2	0.0	0.0	0.2	0.2
TOTAL EM 30	27.2	18.9	25.7	(8.3)	(6.8)	54.8
2.0/Environmental Restoration	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
3.4/Technology Development Support	0.0	0.0	0.0	0.0	0.0	0.0
3.5/Technology Development	4.0	4.1	4.2	0.1	(0.1)	9.1
TOTAL EM 50	4.0	4.1	4.2	0.1	(0.1)	9.1
7.1/Transition Projects	0.4	1.0	0.6	0.6	0.4	0.9
7.3.1/Advanced Reactor Transition	0.0	0.0	0.0	0.0	0.0	0.1
7.4.8 Program Direction	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
7.5 Landlord	1.8	4.4	3.0	2.6	1.4	4.1
TOTAL EM 60	2.2	5.4	3.6	3.2	1.8	5.2
TOTAL EM	33.5	28.4	33.6	(5.1)	(5.2)	69.2

EM GPP/LINE ITEM PERFORMANCE

MARCH 1995
($ In Millions)

	BCWS	BCWP	FYTD ACWP	SV	CV	FY BUDGET
8.0/Compliance & Program Coordination	1.5	0.3	0.4	(1.2)	(0.1)	3.5
TOTAL EM 20	1.5	0.3	0.4	(1.2)	(0.1)	3.5
1.1/TWRS	46.0	21.5	22.1	(24.5)	(0.6)	94.6
1.2/Solid/Liquid Waste	20.2	24.5	27.5	4.3	(3.0)	53.2
1.3.1/Facility Operations	0.0	0.0	0.0	0.0	0.0	0.0
1.4.1/Spent Nuclear Fuels	0.0	0.0	0.0	0.0	0.0	0.2
1.5.1 Site Support	1.6	1.6	1.7	0.0	(0.1)	6.1
1.7.1/Research	(0.1)	(1.9)	1.6	(1.8)	(3.5)	1.8
1.8.1/RL Program Direction	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
5.5/West Valley	0.0	0.0	0.0	0.0	0.0	0.0
9.X/DOE–HQ ADSs	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL EM 30	67.7	45.7	52.9	(22.0)	(7.2)	155.9
2.0 Environmental Restoration	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
3.4/Technology Development Support	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
TOTAL EM 50	0.0	0.0	0.0	0.0	0.0	0.0
7.1/Transition Projects	1.8	1.8	1.8	0.0	0.0	2.7
7.3.1 Advanced Reactor Transition	0.6	0.6	0.4	0.0	0.2	0.7
7.4.8/Program Direction	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
7.5 Landlord	15.5	15.7	15.7	0.2	0.0	25.3
TOTAL EM 60	17.9	18.1	17.9	0.2	0.2	28.7
TOTAL EM	87.1	64.1	71.2	(23.0)	(7.1)	188.1

FY 1995 MILESTONE STATUS – RL/FO/HQ

MARCH 1995

	Fiscal Year To Date			Remaining		
	Completed On Schedule	Completed Late	Overdue	Forecast On Schedule	Forecast Late	Total FY 1995
8.0/Compliance & Program Coordination	11	2	1	27	0	41
TOTAL EM 20	11	2	1	27	0	41
1.1/TWRS	46	4	19	113	16	198
1.2/Solid & Liquid Waste	25	0	3	45	5	78
1.3/Facility Operations	5	0	0	11	0	16
1.4/Spent Nuclear Fuel	8	0	2	1	0	11
1.5/Site Support	19	0	0	21	0	40
1.7/Science & Tech Research	4	1	1	16	1	23
1.8.1/RL Program Direction	0	0	0	0	0	0
1.8.2/Planning Integration	31	8	1	55	1	96
5.5/West Valley	0	0	0	0	0	0
9.X/DOE–HQ ADSs	6	3	8	7	1	25
TOTAL EM 30	144	16	34	269	24	487
2.0/Environmental Restoration	25	0	0	16	2	43
TOTAL EM 40	25	0	0	16	2	43
3.4/Technology Development	0	0	0	0	0	0
3.5/Technology Development Support	87	17	7	152	7	270
TOTAL EM 50	87	17	7	152	7	270
7.1/Transition Projects	6	0	0	19	1	26
7.3/Advanced Reactor Transition	3	0	0	22	0	25
7.4.8/Program Direction	0	0	0	0	0	0
7.4.9/Economic Transition	7	0	0	2	0	9
7.5/Landlord	6	0	3	11	0	20
TOTAL EM 60	22	0	3	54	1	80
TOTAL EM	289	35	45	518	34	921
INDIRECTS	178	5	6	221	1	411
TOTAL HANFORD	467	40	51	739	35	1332
Complete %	83.7%	7.2%				
Overdue %			9.1%			
Remain %				95.5%	4.5%	

FY 1995 MILESTONE STATUS – ENFORCEABLE AGREEMENT

MARCH 1995

	Fiscal Year To Date			Remaining		
	Completed On Schedule	Completed Late	Overdue	Forecast On Schedule	Forecast Late	Total FY 1995
8.0/Compliance & Program Coordination	0	0	0	0	0	0
TOTAL EM 20	0	0	0	0	0	0
1.1/TWRS	5	0	1	9	2	17
1.2/Solid & Liquid Waste	4	0	0	11	2	17
1.3/Facility Operations	1	0	0	1	0	2
1.4/Spent Nuclear Fuel	0	0	0	0	0	0
1.5/Site Support	3	0	0	2	0	5
1.7/Science & Tech Research	0	0	0	2	0	2
1.8.1/RL Program Direction	0	0	0	0	0	0
1.8.2/Planning Integration	0	0	0	1	0	1
5.5/West Valley	0	0	0	0	0	0
9.X/DOE – HQ ADSs	0	0	0	0	0	0
TOTAL EM 30	13	0	1	26	4	44
2.0/Environmental Restoration	16	0	0	8	2	26
TOTAL EM 40	16	0	0	8	2	26
3.4/Technology Development	0	0	0	0	0	0
3.5/Technology Development Support	0	0	0	0	0	0
TOTAL EM 50	0	0	0	0	0	0
7.1/Transition Projects	5	0	0	5	0	10
7.3/Advanced Reactor Transition	0	0	0	0	0	0
7.4.8/Program Direction	0	0	0	0	0	0
7.4.9/Economic Transition	0	0	0	0	0	0
7.5/Landlord	0	0	0	0	0	0
TOTAL EM 60	5	0	0	5	0	10
TOTAL EM	34	0	1	39	6	80
INDIRECTS	2	0	0	0	0	2
TOTAL HANFORD	36	0	1	39	6	82
Complete %	97.3%	0.0%				
Overdue %			2.7%			
Remain %				86.7%	13.3%	

ENFORCEABLE AGREEMENT MILESTONES

WBS	TYPE	MILESTONE	BASELINE DATE	FORECAST COMP.	CAUSE/IMPACT/RECOVERY PLAN
DUE BUT NOT COMPLETE					
1.1	TPA-I	Reach Decision on Whether to Proceed with Demonstration (ADS 1210) (M-45-07B)	02/95	05/95	Cause: Ecology delayed the decision. Impact: May impact completion of Tri-Party Agreement milestone M-45-07. Recovery Plan: Change request will be developed rebaselining work.
FORECAST TO BE LATE					
1.1	TPA-I	W-314B DST Ventilation Upgrades CDR (ADS 1120) (M-43-02A)	05/95	03/96	Cause: Delay in approval of KD-0. Impact: Project has been delayed approximately one year. Impacts being assessed. Recovery Plan: Approval of KD-0 was received in February 1995 (approval was scheduled for July 1994); work initiated.
1.1	TPA-I	W-314A Tank Farm Instrumentation Upgrades CDR (ADS 1120) (M-43-04A)	05/95	03/96	Cause: Delay in approval of KD-0. Impact: Project has been delayed approximately one year. Impacts being assessed. Recovery Plan: Approval of KD-0 was received in February 1995 (approval was scheduled for July 1994); work initiated.

ENFORCEABLE AGREEMENT MILESTONES

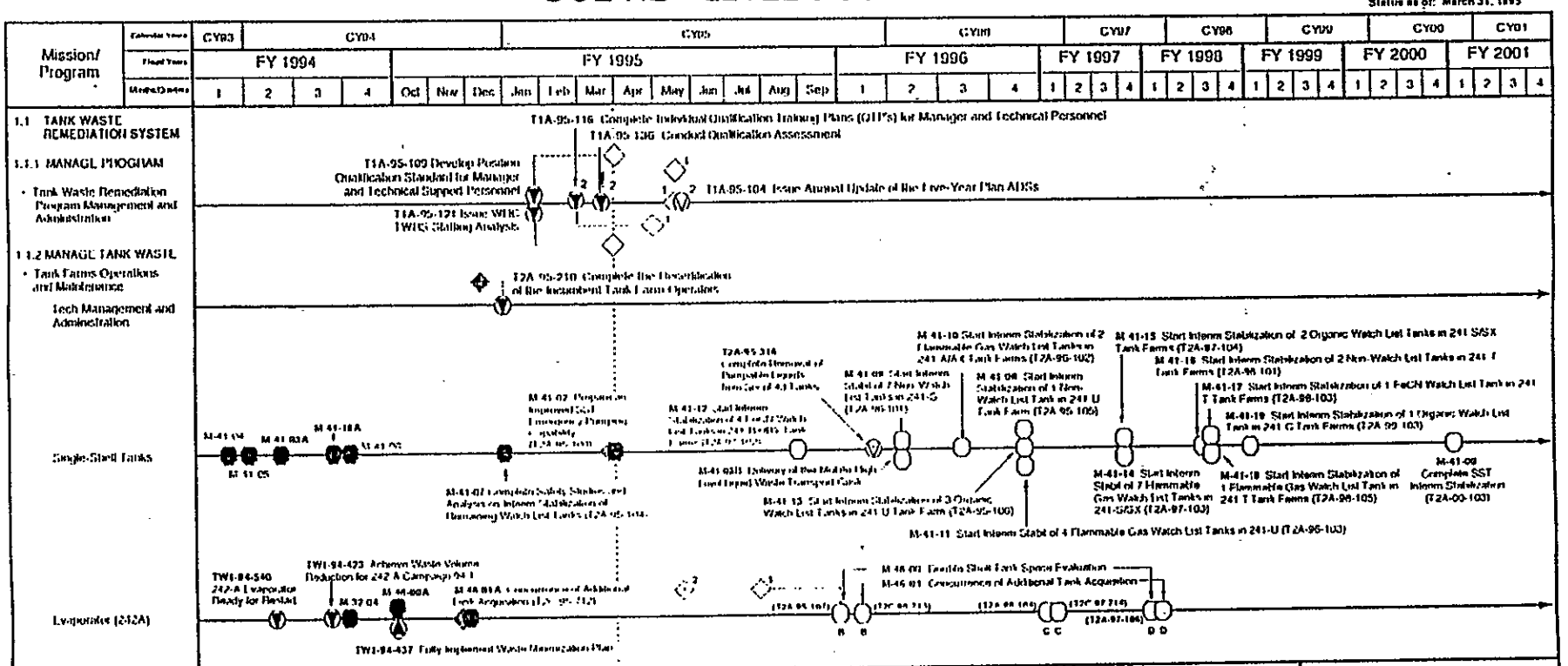
WBS	TYPE	MILESTONE	BASELINE DATE	FORECAST COMP.	CAUSE/IMPACT/RECOVERY PLAN
1.2	TPA-I	Initiate Operations - 200 Area ETF (M-17-14) (ADS 2300)	06/95	10/95	Cause: The 200 Area ETF construction delay has impacted this milestone. Impact: Impacts are being reviewed with regulators and RL. Forecast completion date is based on those discussions. Recovery Plan: The Tri-Parties met to discuss the strategy for proceeding with these milestones. The agreements reached at that meeting were documented in a Tri-Party Agreement Change Request which was then rejected by EPA and Ecology for not having the proper public involvement process scheduled with the request. Dispute Resolution was entered into April 7, 1995.
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.
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.

ENFORCEABLE AGREEMENT MILESTONES

WBS	TYPE	MILESTONE	BASELINE DATE	FORECAST COMP.	CAUSE/IMPACT/RECOVERY PLAN
2.0	TPA-I	Submit the 100 BC-2 IRM Proposed Plan (M-15-16F) (ADS 3105)	06/95	09/95	Same as above.

DOE-RL - LEVEL 0 SCHEDULE

Status as of: March 31, 1995



Change Record

Rev No	CIN No	Date
21	TWH-95-003	12/14/94
	M-35-95-01	02/13/95
	M-41-95-02	02/22/95
	TWH-95-044	02/23/95
25	M-35-95-01	02/13/95
	P2-95-001	03/03/95
	TWH-95-047	03/20/95

Approvals

Pacific Northwest Laboratories	Westinghouse Hanford Company	U.S. Department of Energy, RL	ICF Kaiser Hanford Company	Bechtel Hanford, Inc.
H. D. Massey 4-17-95	D. L. Borders 4/17/95	E. W. Higgins 4/18/95	B. R. Estey 4/17/95	R. Scott Hopper 4/17/95
PNL LH/WM Directorate	R. L. Borders, Manager Program Baseline Integration	K. D. Cameron Management Analyst	Project Planning & Control Services	Milestone Manager

Title Block

Document Title: Level 0 Schedule

Document Number: DOE-RL-93-03-03

Revision Number: 25 | Page 1 of 14

Planner: Juliann H. Anderson 376-0307

Legend: TPA Enforceable; Major DOE-RL; Significant Major DOE-RL; Forecasted Schedule Deviation; Change from Prior Month; Forecast Change - Later; Forecast Change - Earlier; (DOE) DOE Responsibility

DOE-RL - LEVEL 0 SCHEDULE

Status as of: March 31, 1995

Mission/ Program

Calendar Years: CY93 | CY94 | CY95 | CY96 | CY97 | CY98 | CY99 | CY00 | CY01

Fiscal Years: FY 1994 | FY 1995 | FY 1996 | FY 1997 | FY 1998 | FY 1999 | FY 2000 | FY 2001

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 4

• Waste Tank Safety Program

Magnesium

- M-40-01
- TW2-94-468 Comp. Tank 241-SY-101
- TW2-94-465 Issue Report & Recommendations on Alternate Mitigation Testing (SI-2g)
- M-40-13

Ferrocyanide

- TW2-94-432 Define Tank Conditions Required for Safe Storage of FeCN Wastes
- M-40-14
- M-40-02A
- TW2-94-433 Close FeCN USQ (SI-2a)
- M-40-02B Install Two of Seven New Thermocouples (T2B-94-400)
- M-40-02 Upgrade Temperature Monitoring Capabilities in FeCN Tanks (T2B-95-100)
- T2B-95-113 Complete Installation of new Thermocouples and Continuous Temp. Monitoring Systems in all FeCN Tank 94 (SI-2f)

Flammable Gas

- TW2-93-288 Transmit Synthetic Waste Study Report
- M-40-15
- T2B-95-108 Expedite Design & Const. of Backup Portable Exhausters for Tank 241-SY-101 (SI-2b)
- T2B-95-107 Install Gas Monitoring Equipment and/or Upgrade Existing Flammable Gas Tanks (SI-2h)
- T2B-95-105 Close SY Tank Farm Flammable Gas USQ (SI-2i)
- T2B-95-106 Replace Ventilation Fans in SY Farm to Reduce Spark Potential (SI-2h)
- M-40-10 Complete Vapor Space Monitoring for all Flammable Gas Generating Tanks (T2B-97-100)
- M-40-09 Close All USQ for SSTs (T2B-98-100)
- M-40-09 Mitigate/Resolve Tank Safety Issues for 10ch Priority Watch List Tanks (T2B-01-100)

Organic

- TW2-94-453 Complete Sampling & Safety Evaluation of Liquid Organic in Tank 241-C-103 (SI-2q)
- M-40-16
- M-40-17
- TW2-94-448 Close Tank 241-C-103 USQ (SI-2i)
- T2B-95-165 Heads Decision to Isolate Stabilize Tank 241-C-103 with Floating Organic Layer in Place (SI-2i)
- M-40-04 Complete Removal of Floating Organic Layer from Tank 241-C-103 (T2B-95-101)
- T2B-97-117 Comp. Install. of New Thermocouples & Temp Monitoring Systems in All Organic Tanks (SI-2f)

High-Heat

- T2B-95-106 Complete Contingency Cooling Tests on High Heat Tank 241-C-106 (SI-2e)
- M-40-05 Complete Safety Alternative Tests on High Heat Tank 241-C-106 (T2B-95-102)

Vapor

- TW2-94-471 Resolve Flammability Issues Associated with Tank 241-C-103 (SI-2b)
- TW2-94-496 Complete Vapor Sampling Char. of Tank 241-C-103 (Phase II) (SI-2m)
- M-40-06
- TW2-94-475 ECA for Treatment of Tank C-103 Vapor Spaces (SI-2n)
- M-40-07 Commence Operation of A Vapor Treatment System on Tank 241-C-103 (T2B-95-102)
- T2B-95-114 Sample and Char. Hazardous Sealed Tanks. Alter Personnel Exposure and Protective Equipment Requirements as Necessary (SI-2o)
- M-40-03 Perform Vapor Char. for all FeCN (T2B-96-100)
- M-40-08 Perform Vapor Char. for all Organic Watch List Tanks (T2B-96-101)
- T2B-97-115 Provide Vapor Monitoring Equipment with Alarm Capability and/or Ventilation Upgrades in Tanks where Warranted (SI-2p)

Criticality

- TW2-94-467 Upgrade Tank Waste Contents Database, Safety Doc. & Risk Assessment (SI-2v)
- M-40-11
- TW2-94-446 Issue Approved Criticality Safety Analysis, Control Plan and USQ (SI-2w)
- M-40-12 Resolve Nuclear Criticality Safety Issue (T2B-99-100)

DOE-RL_EWH 4/18/95

○ TPA Enforceable ⊘ Major DOE-HQ ⊘ Significant Major DOE-RL ◇ Forecasted Schedule Deviation

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WHC-SP-0969-48

DOE-RL - LEVEL 0 SCHEDULE

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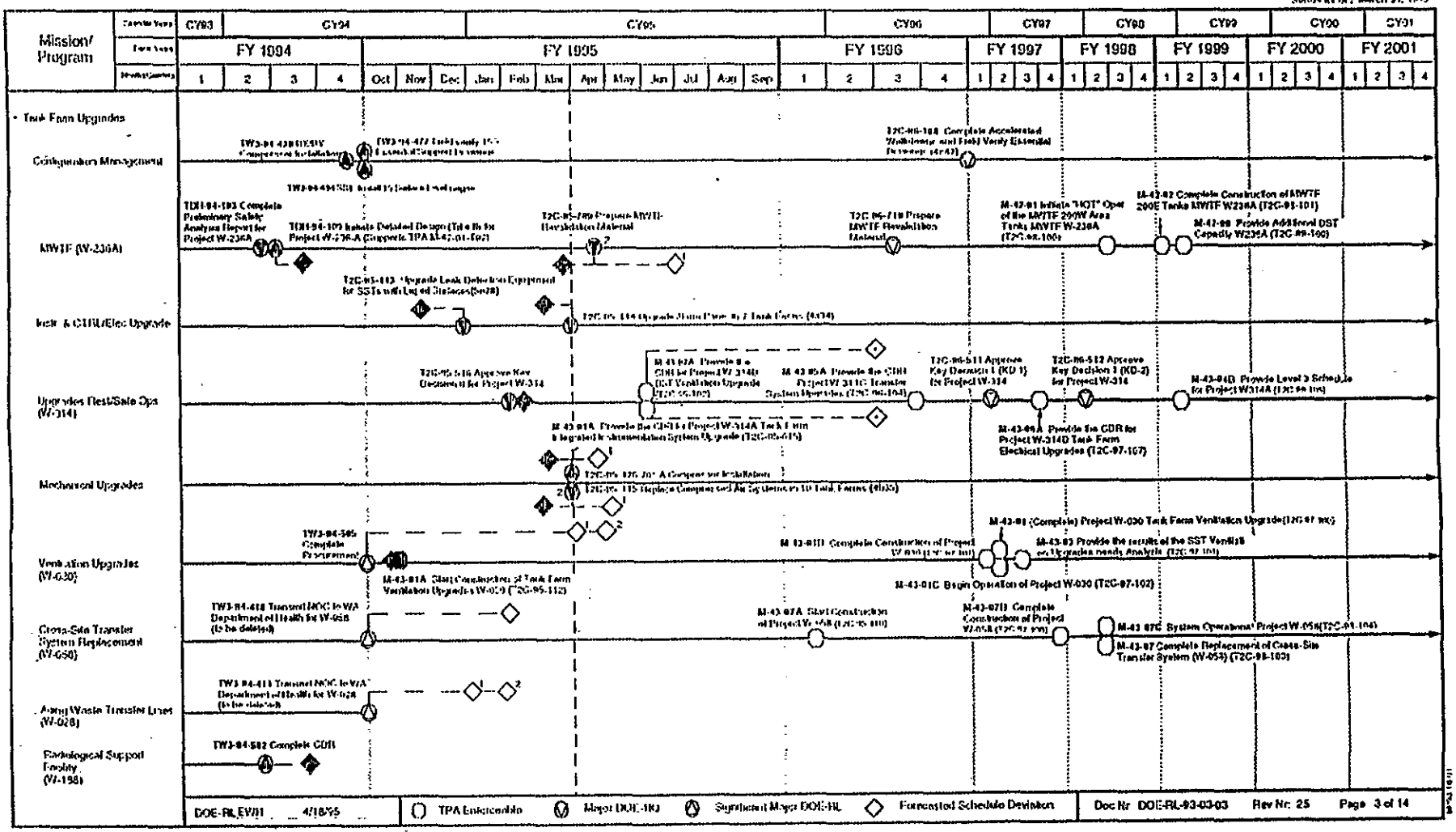

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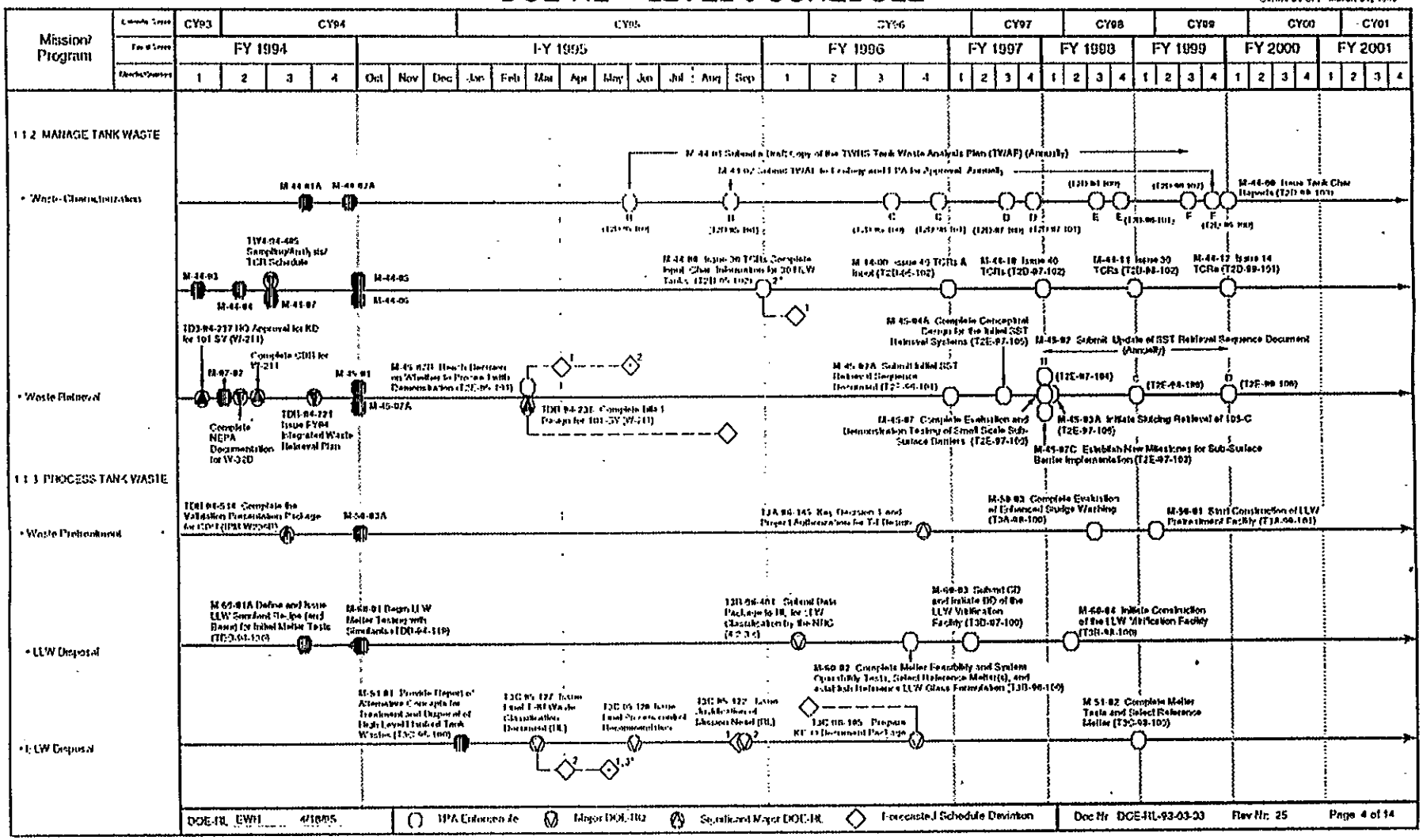

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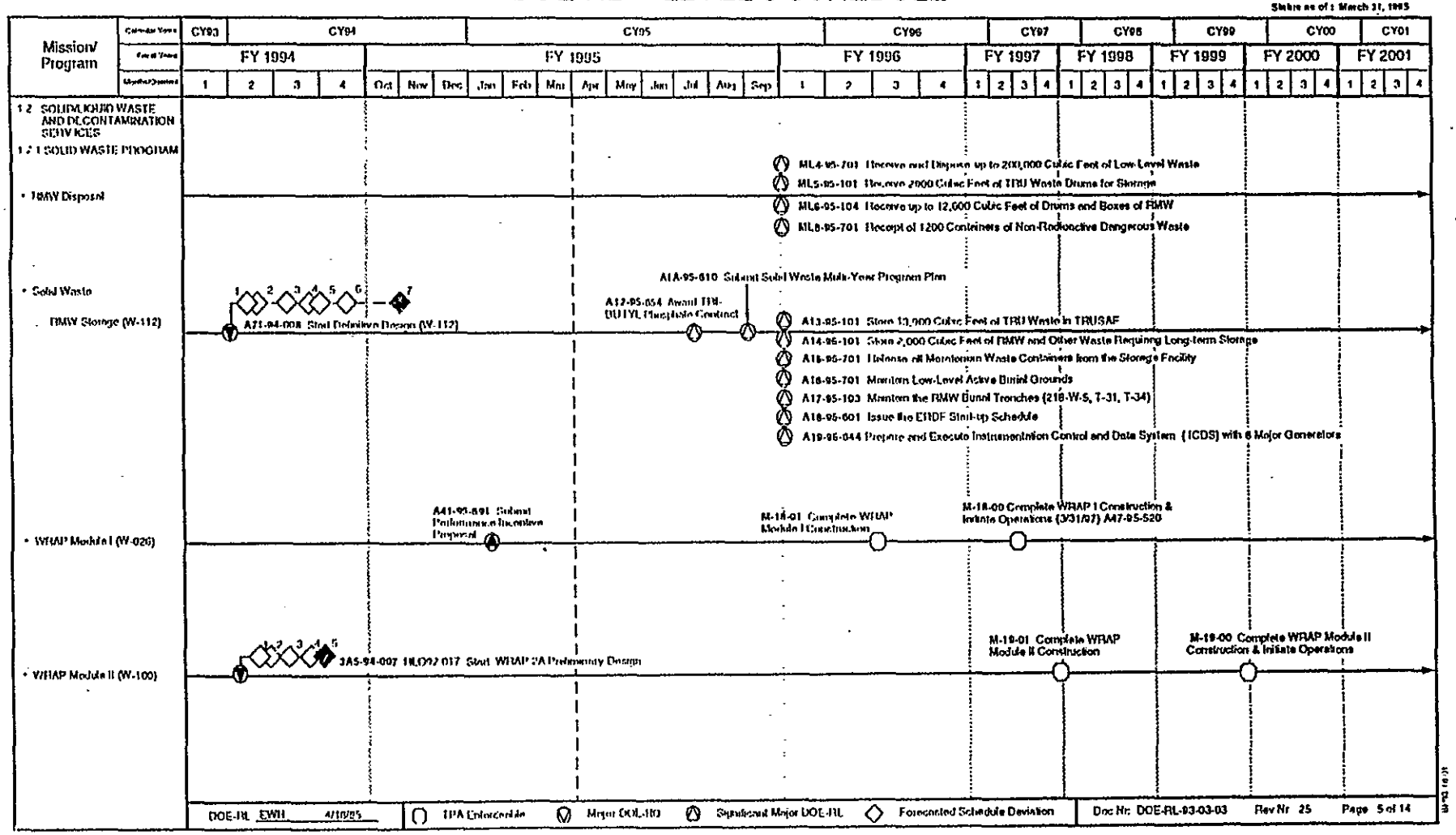

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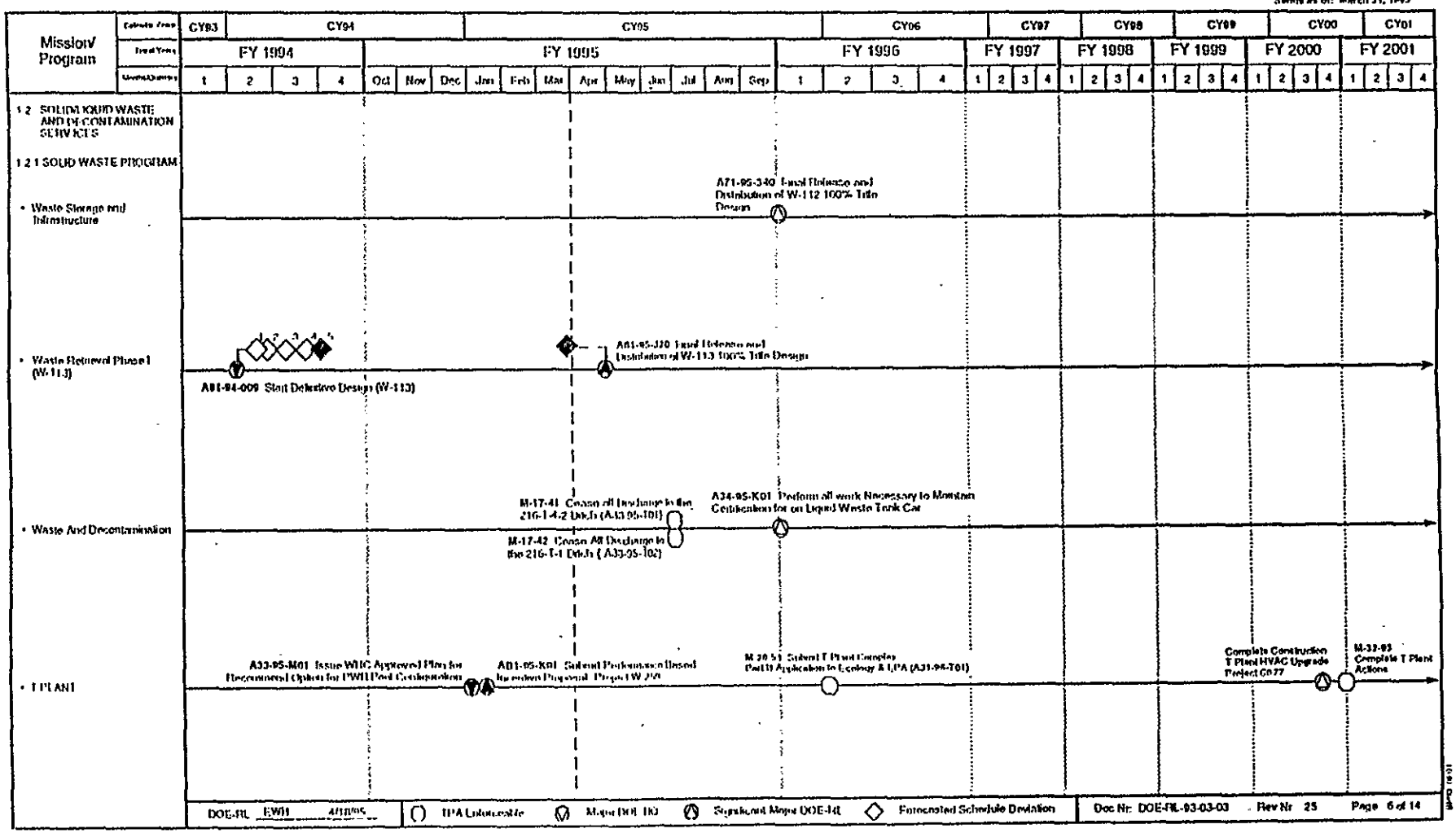

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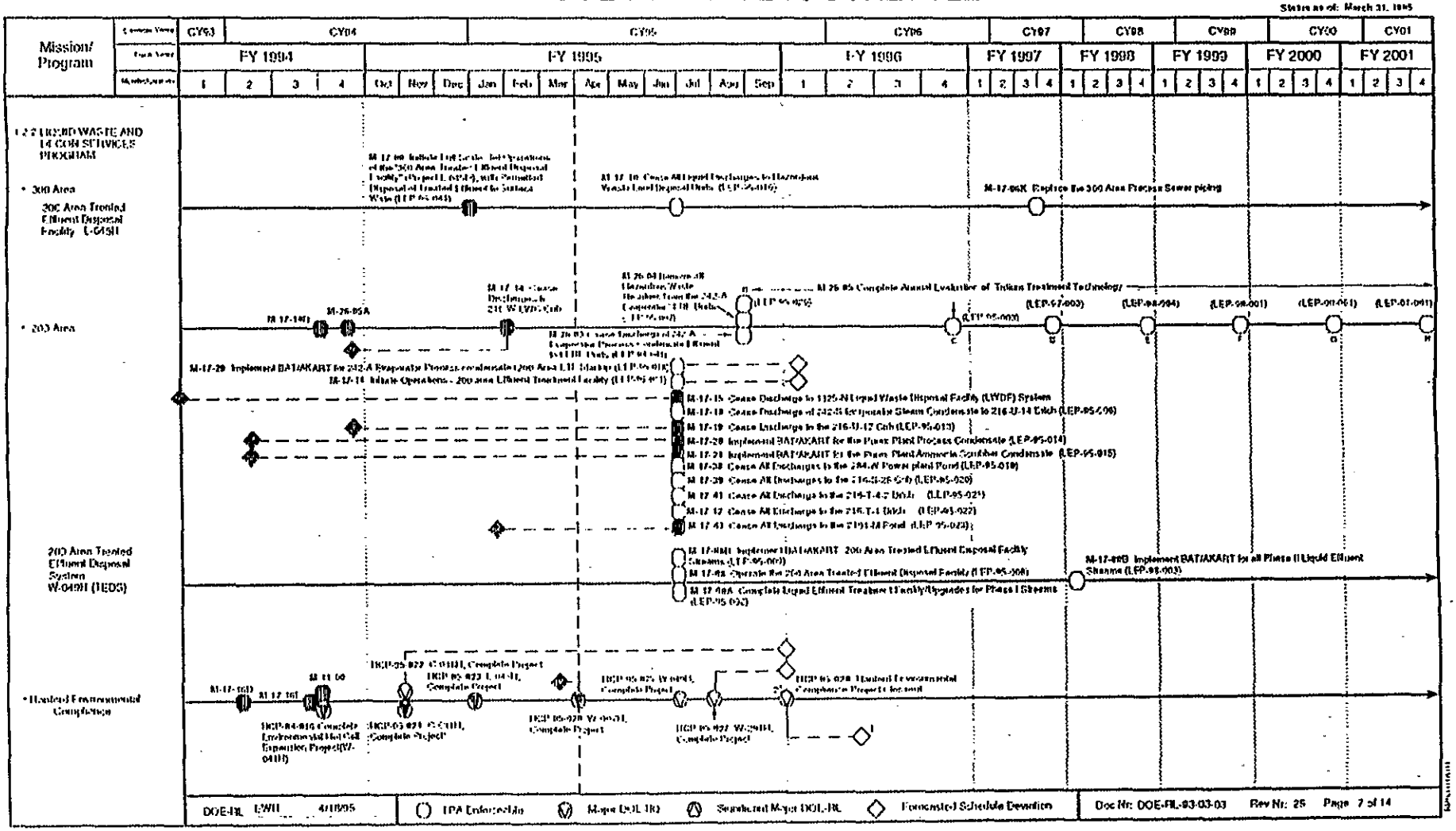

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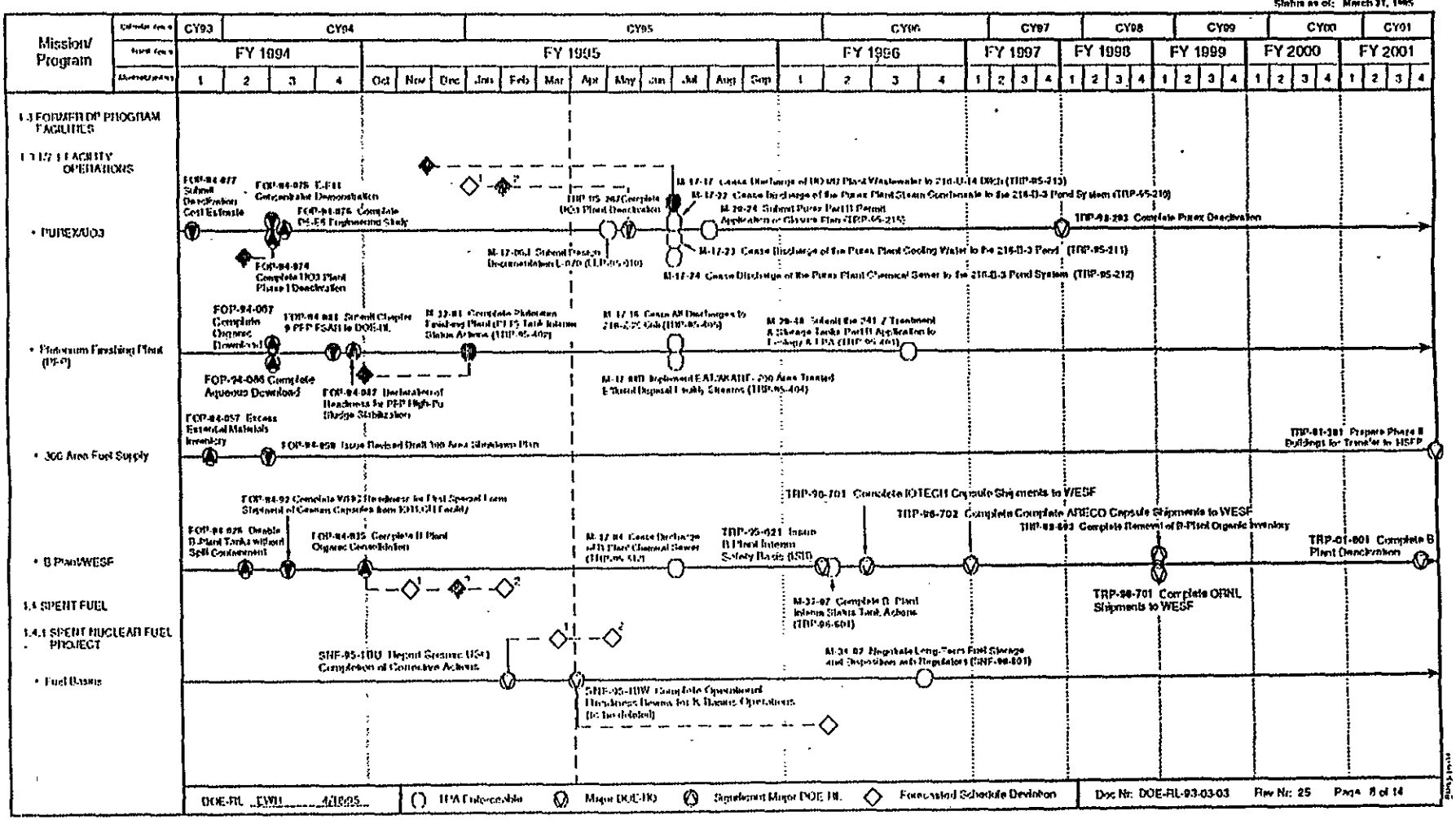

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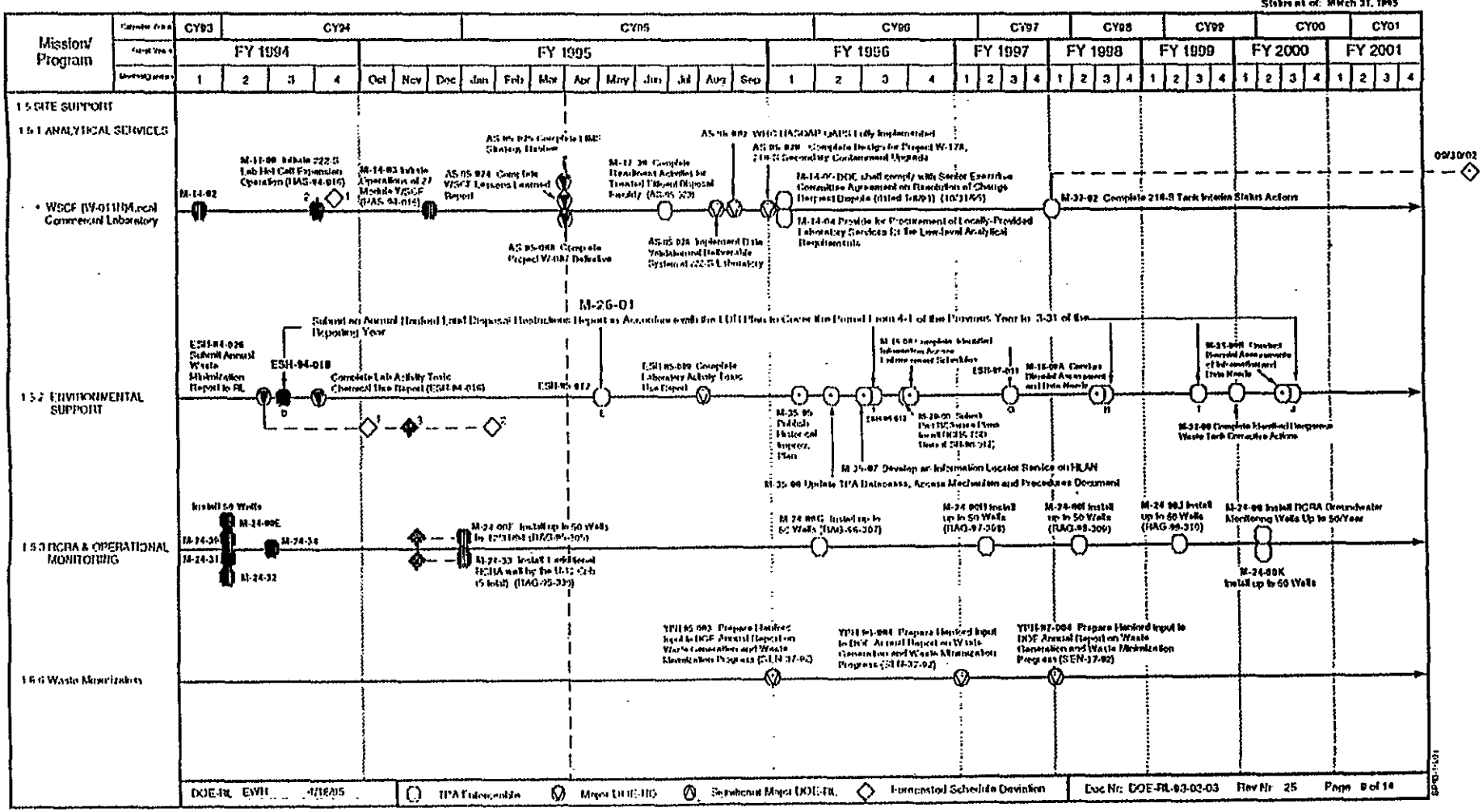

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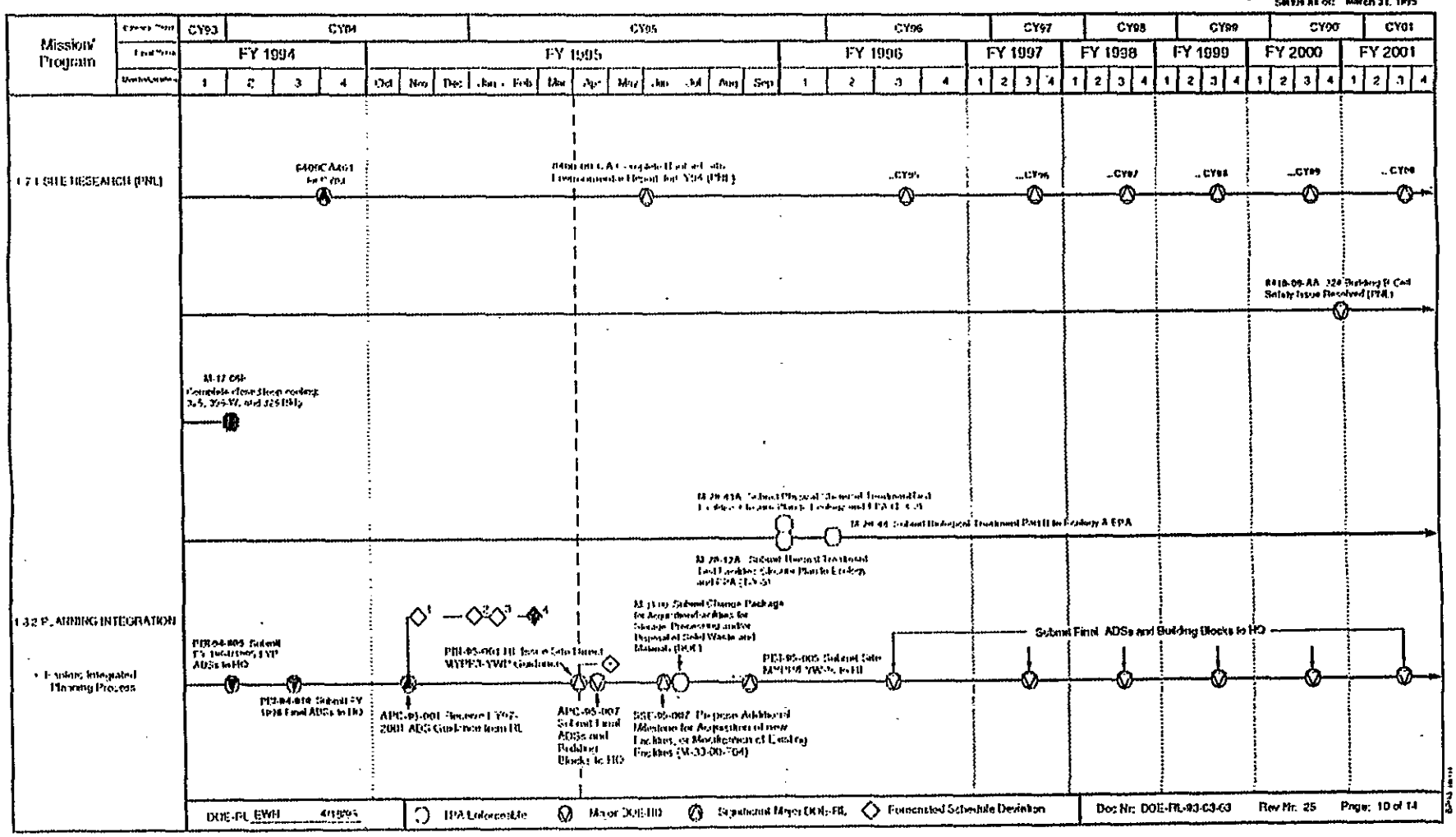

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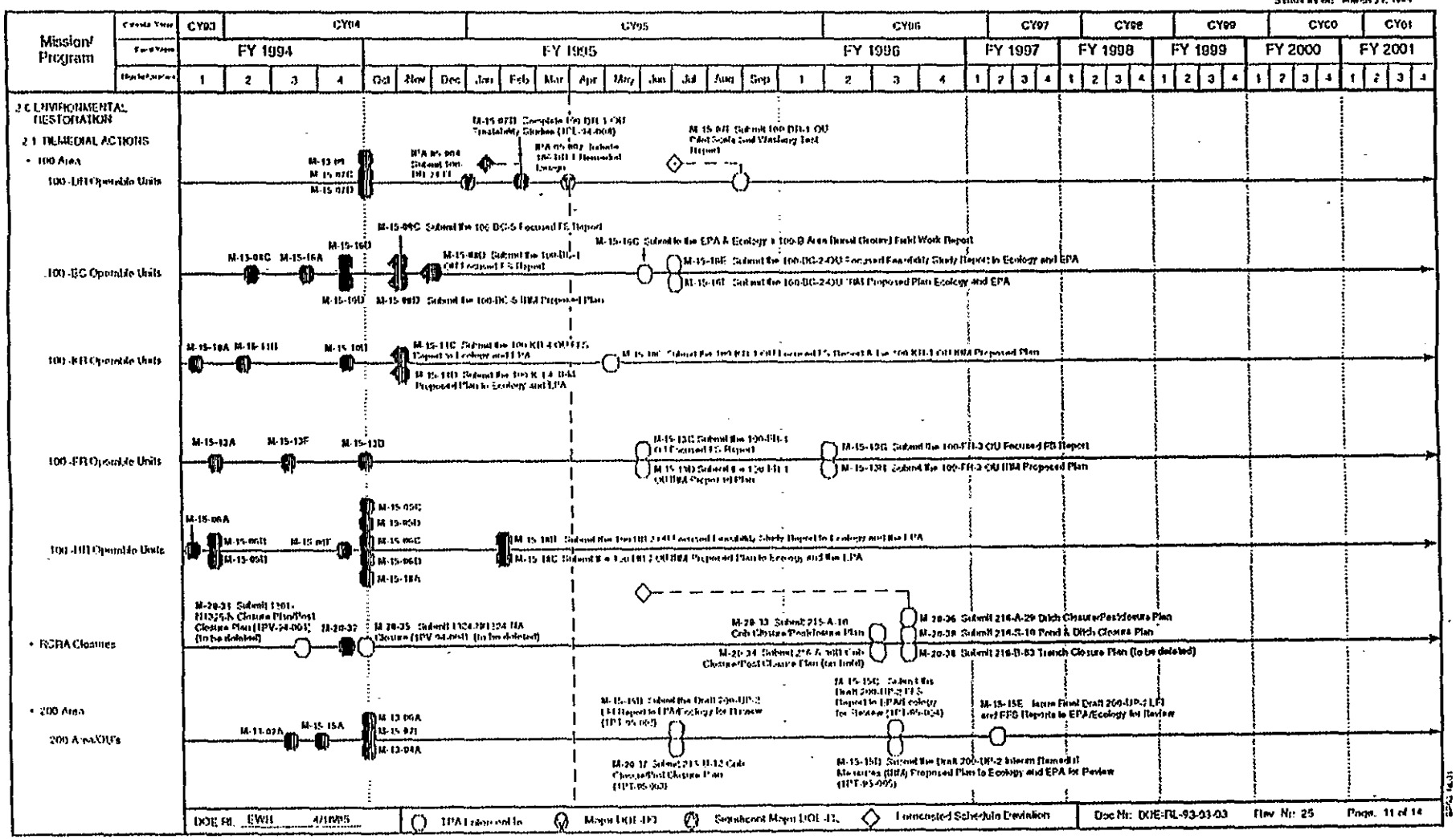

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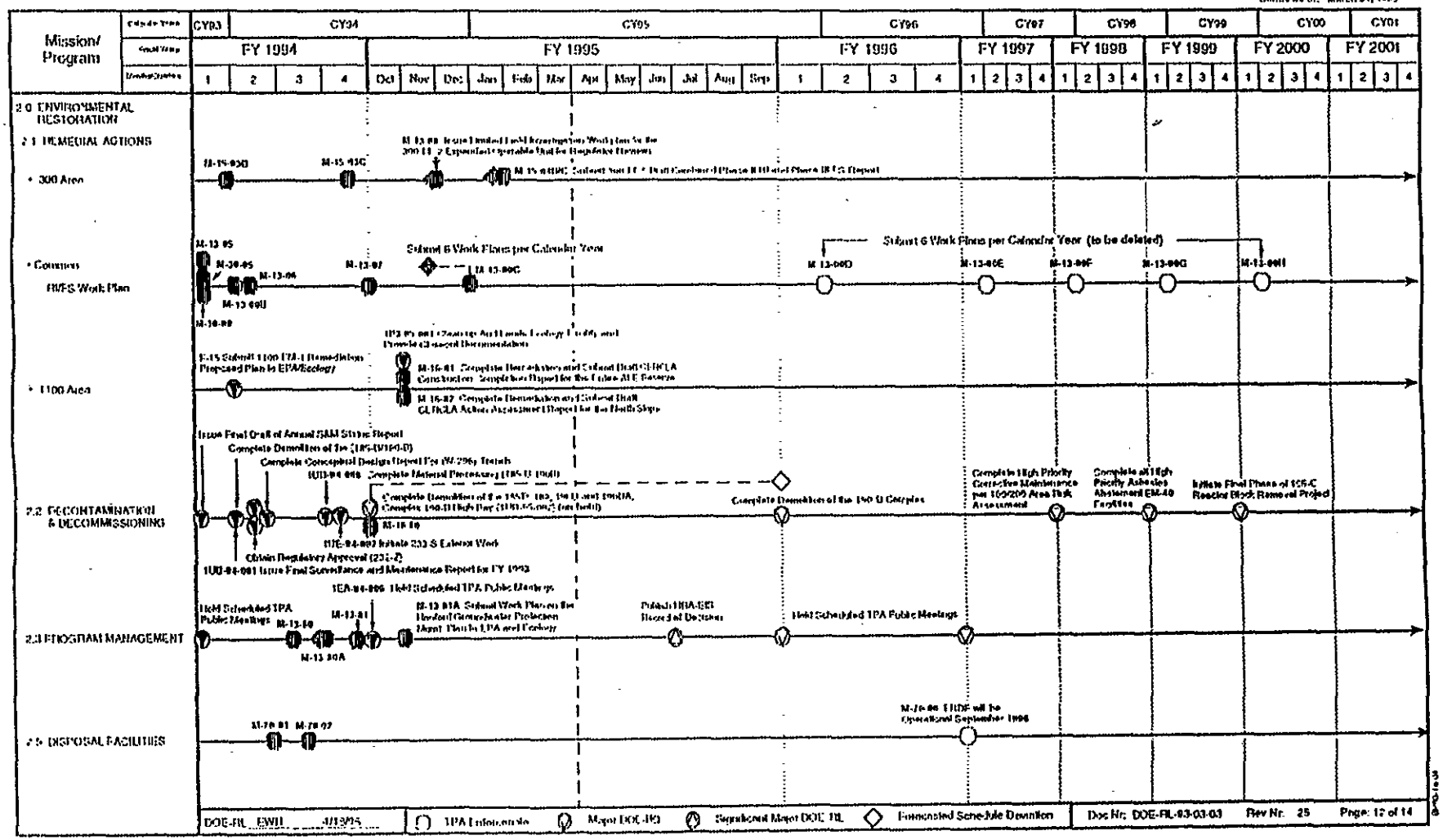

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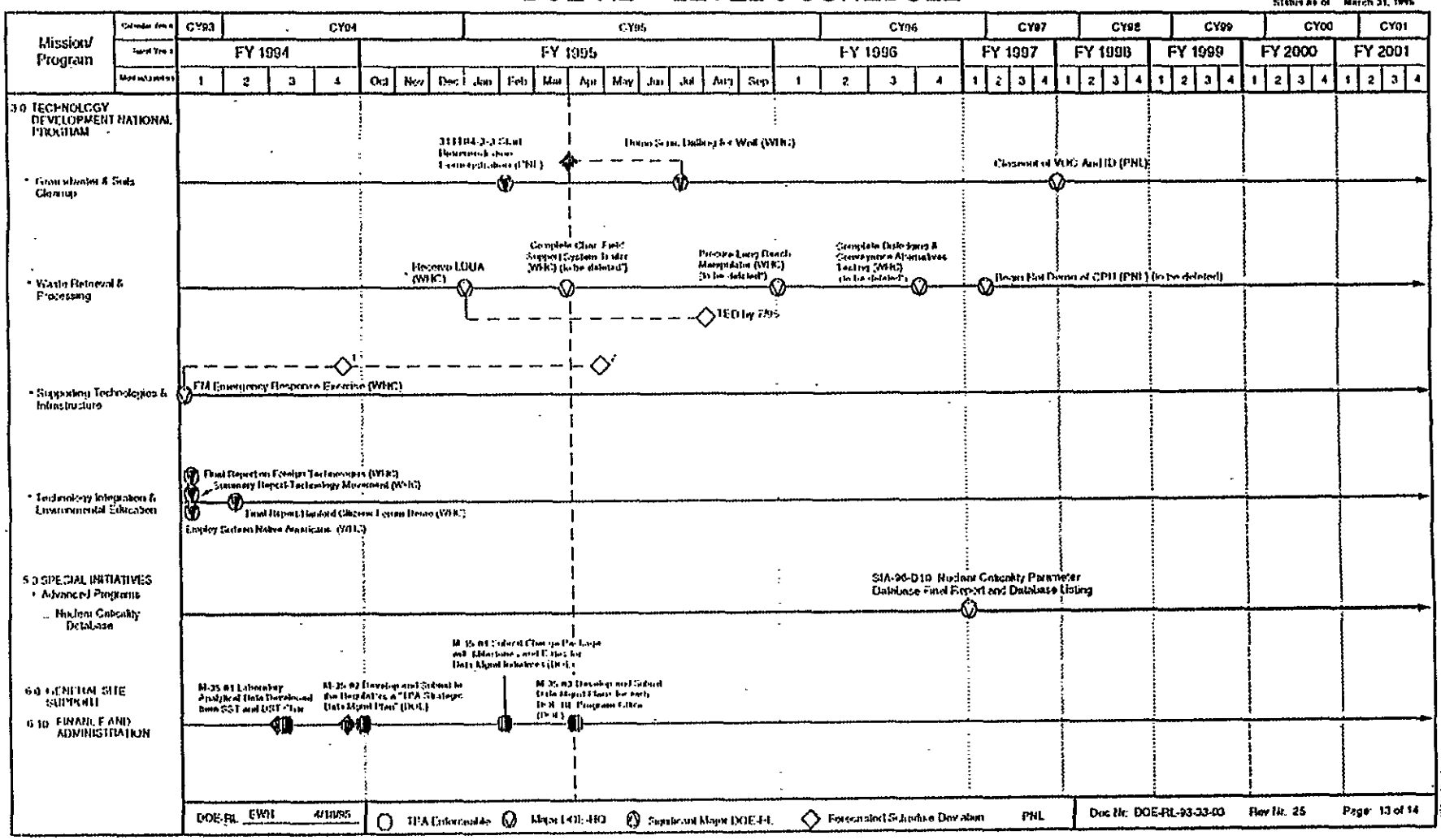

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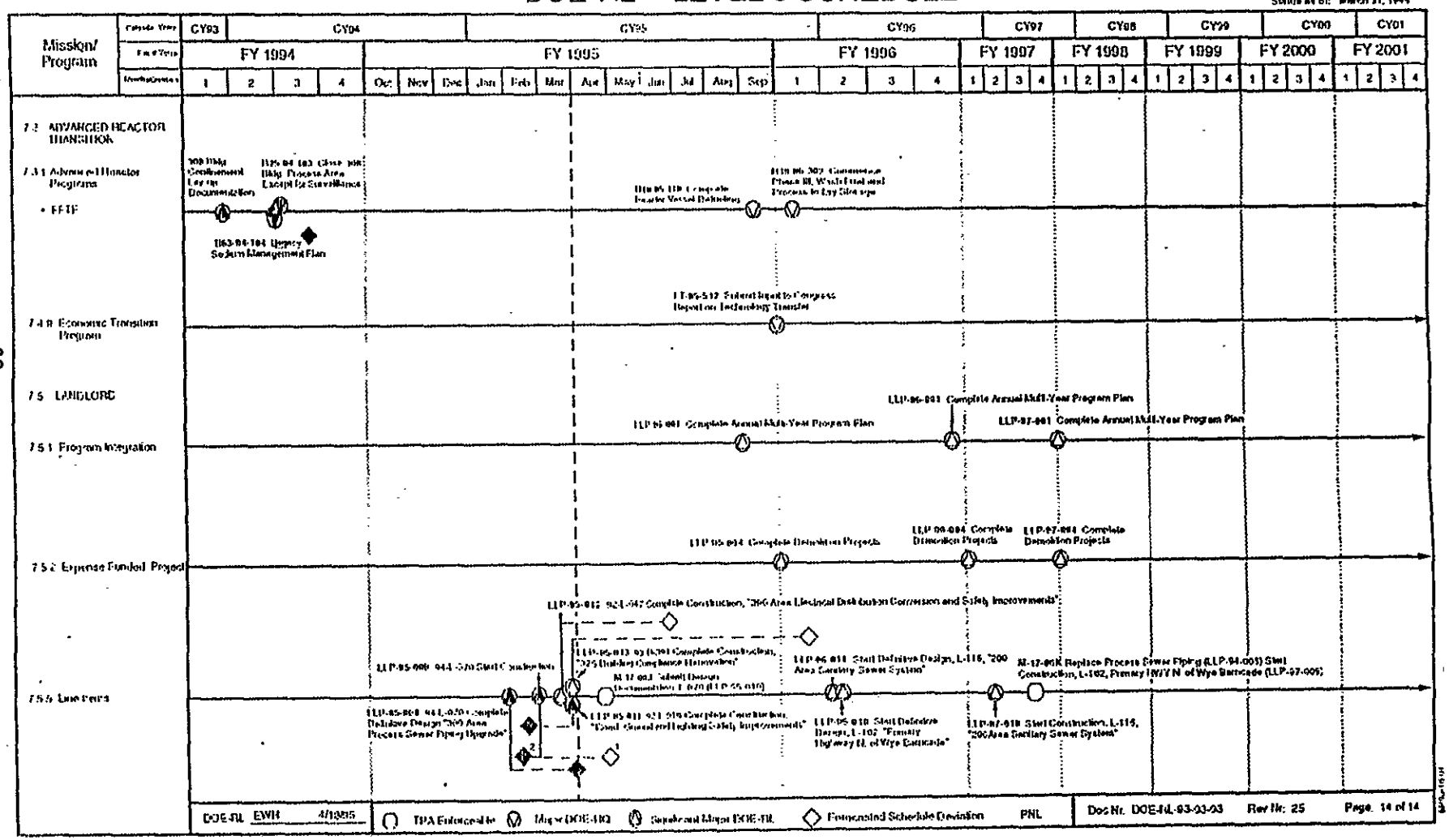

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