

J. K. Hartman
June 1, 1993
93-RF-6740
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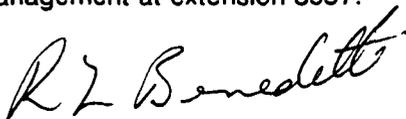
3) Coordination with the OU 2 Draft RI Report

The most important contamination effecting OU 3 is resuspended soil from the 903 pad. The evaluation of 903 pad-derived contamination in OU 2 is of vital concern in our ability to evaluate the nature and extent of contamination in OU 3. The results of kriging OU 2 surface soil contamination data has a direct effect on our ability to explain the technical "story" of OU 3 contamination. The OU 3 field sampling plan was developed based on continuation of the OU 2 soil sampling plan across Indiana Street into OU 3. Thus the assessment of OU 3 soil contamination requires completion of the OU 2 study. This critical information from the OU 2 RI Report will not be available until November 1993. The first internal report on OU 2 soils will not have a completed internal review until November 1, 1993. The OU 3 soil evaluation can only proceed after this assessment is complete. The inclusion of the OU 2 soils evaluation is technically integral to the OU 3 RI Report; thus, falls under the "good cause" extension request as defined in the IAG, paragraph 222 E, "Any other event or series of events mutually agreed to by the Parties as constituting good cause".

The potential for missed OU 3 milestones has been discussed at various times with Bob Birk of your staff, OU 3 Project Managers with EPA and CDH, and was also discussed at the recent DOE/RFO and DOE/HQ FY 93 mid-year review.

We have also identified 6 assumptions, Attachment 1, that provide the basis for the Draft RI Report schedule. Also included in Attachment 2, is the working schedule for completion of the draft report. Based on this schedule, the Draft RI Report will be delivered to EPA/CDH on February 14, 1994. Also, the date for submittal of the Final RI Report will be extended to October 21, 1994 (schedule found in Attachment 3).

If you have any questions concerning this issue, please call M. Guillaume of Remediation Project Management at extension 8557.



R. L. Benedetti
Associate General Manager
Environmental Restoration Management
EG&G Rocky Flats, Inc.

MG:dmf

Orig. and 1 cc - J. K. Hartman

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Attachment 1

Attachment 1
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OU 3 RI REPORT SCHEDULE ASSUMPTIONS
May 1993

1. There will be no additional cost or scope impacts from current negotiations on the OU 1 RI Report. OU 1 negotiations will be concluded in a timely manner, and incorporation of negotiated issues, decisions, and lessons learned, will not increase scope of the project. One major concern is the unknown number of risk options to be calculated in the HHRA.
2. The OU 3 Draft RI Report will contain some unvalidated data but validation will be completed for the final report.
3. Only three-quarters of groundwater data will be available for the draft report rather than four. The final report will include all four quarters of this low priority pathway data.
4. Only six of twelve months of the ultra-volume air monitoring samples will have been collected for the draft report. The final report will contain a year of data collection with a comparison of the ultra-volume data and the more extensive RAAMP data.
5. Changes in the Option B project will not add additional cost or scope to the OU 3 RI Report. Of concern is the unknown future configuration of Great Western Reservoir and its impact on assessing the future HHRA in the RI Report.
6. Review of the draft and final reports will be performed in parallel by EG&G, DOE/RFO and DOE/HQ.

Rocky Flats Plant Operable Unit 3 Schedule of Work: 1993-94

ID Name
 May '93 Jun '93 Jul '93 Aug '93 Sep '93 Oct '93 Nov '93 Dec '93 Jan '94 Feb '94 Mar '94

ID	Name	Task 1: Project Planning
1	Task 1: Project Planning	
2	Work Plan TM #1	
3	Draft TM #1 to EG&G	
4	EG&G Review/Revisions: TM #1	
5	Submission to Agencies: TM #1	
6	EPA/CDH Review: TM #1	
7	Presentation of TM #1	
8	EPA/CDH Verbal Appr. Air Sampling	
9	Final Revisions: TM #1	
10	EG&G Review: TM #1	
11	Submission to Agencies-Final	
12	EPA/CDH Approval: TM #1	
13	Task 3: Field Investigations	
14	Soil Sampling	
15	Use Agreements-Soil Plots	
16	Locate Soil Plots	
17	Survey Soil Plots	
18	Sample Soil Plots	
19	Lab Turn-Around Time for Soils	
20	75% of Soil Data Available	
21	Soil Data into RFEDS	
22	Soil Data Cleanup	
23	Fish Tissue Analysis	
24	Receive Proposals from Fish Labs	
25	Select Lab/Contract Neg.	
26	Send Fish Tissue Samples	
27	Lab Turn-Around Time: Fish Tissue	
28	Fish Tissue Data into RFEDS	

Project: OU3 Schedule: 1993-94
 Date: 5/26/93

Critical Progress Milestone Noncritical Summary Rolled Up

4/5/94

Rocky Flats Plant Operable Unit 3 Schedule of Work: 1993-94

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ID	Name	May '93	Jun '93	Jul '93	Aug '93	Sep '93	Oct '93	Nov '93	Dec '93	Jan '94	Feb '94	Mar '94
29	Fish Tissue Data Cleanup											
30	Air Sampling											
31	RFP Approval of Engineering											
32	Installation of Air Sampling Equip.											
33	Air Sampling											
34	Lab Turn-Around Time: Air Samples											
35	Task 5: Data Mgt./Eval.											
36	Database Management Plan (DMP)											
37	Develop Draft Plan											
38	EG&G Review											
39	Implement DMP											
40	Database Cleanup Script											
41	Database Extractions											
42	GIS Applications											
43	Data Protocols Memo											
44	Draft Protocols Memo to EG&G											
45	EG&G Review/Update											
46	Implement Data Protocols											
47	Task 6: HHRA											
48	Exposure Scenario: TM #2											
49	Draft TM #2 to EG&G											
50	EG&G Review: TM #2											
51	Revisions/Internal Review: TM #2											
52	Revised Draft to EG&G: TM #2											
53	EG&G Review/Minor Revisions: TM #2											
54	Submission to Agencies: TM #2											
55	EPA/CDH Review: TM #2											
56	Comments Meeting w/EPA on TM #2											

Project: OUI3 Schedule: 1993-94
Date: 5/28/93

Critical Noncritical

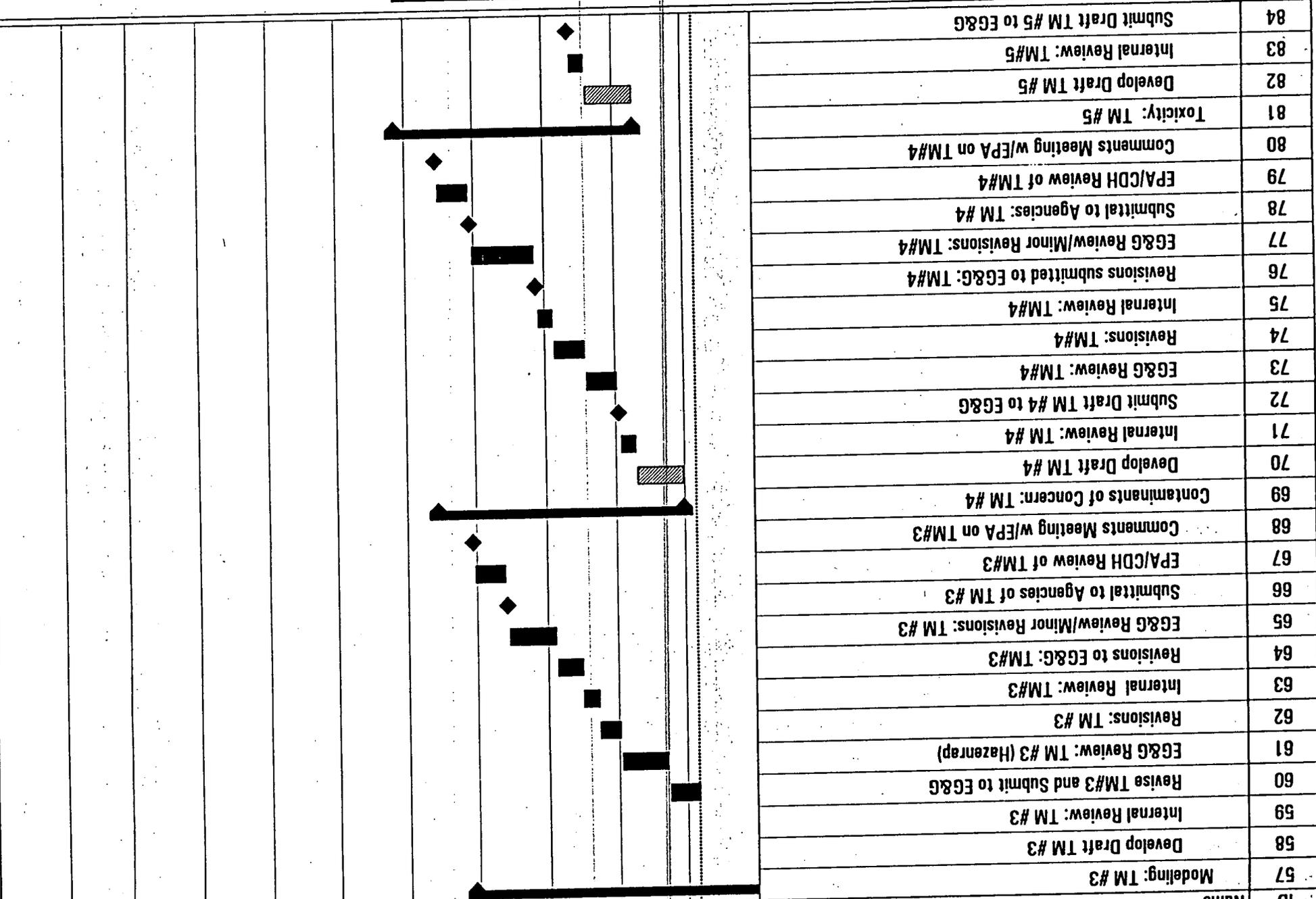
Progress Milestone

Summary Rolled Up

Rocky Flats Plant Operable Unit 3 Schedule of Work: 1993-94

10/29

May '93 Jun '93 Jul '93 Aug '93 Sep '93 Oct '93 Nov '93 Dec '93 Jan '94 Feb '94 Mar '94



Project: OUS Schedule: 1993-94
Date: 5/26/93

Noncritical
 Critical
 Milestone

Progress
 Summary
 Rolled Up

Rocky Flats Plant Operable Unit 3 Schedule of Work: 1993-94

ID Name May '93 Jun '93 Jul '93 Aug '93 Sep '93 Oct '93 Nov '93 Dec '93 Jan '94 Feb '94 Mar '94

ID	Name
85	EG&G Review: TM #5
86	Revise TM #5
87	Internal Review: TM #5
88	Revisions Submitted to EG&G: TM #5
89	EG&G Review/Revisions: TM #5
90	Submission to Agencies of TM #5
91	EPA/CDH Review of TM #5
92	Comments Meeting w/EPA on TM #5
93	HHRA Report
94	Develop Draft HHRA Report
95	Internal Review: HHRA
96	Task 7: EE Report
97	Draft Intro EE Sections
98	Internal Review: EE Intro
99	Revisions: EE Intro
100	EPA Meeting #1: Problem Formulation
101	EG&G Review of EE Intro Sections
102	EPA Meeting #2 for EE
103	Develop Draft EE Report
104	Internal Review: Draft EE
105	EPA Meeting #3 for EE
106	Task 8: RI Investigation
107	Statistics Memo
108	Draft Statistics Memo to EG&G
109	EG&G Review of Stats Memo
110	Revise Statistics Memo
111	RI Data Evaluations
112	Preliminary RI Data Evaluation

May '93 Jun '93 Jul '93 Aug '93 Sep '93 Oct '93 Nov '93 Dec '93 Jan '94 Feb '94 Mar '94

Project: OUS Schedule: 1993-94
Date: 5/26/93

Critical [Hatched Box]
Noncritical [Solid Black Box]

Progress [Solid Black Box]
Milestone [Diamond]

Summary [Solid Black Box]
Rolled Up [Diamond]

7/2/94

Rocky Flats Plant Operable Unit 3 Schedule of Work: 1993-94

8079

ID	Name	May '93	Jun '93	Jul '93	Aug '93	Sep '93	Oct '93	Nov '93	Dec '93	Jan '94	Feb '94	Mar '94
113	Compare Stetlock Data to Sediment			■								
114	Compare Sed and SW to Bkgrd			■								
115	Evaluate Sed and SW Data			■	■							
116	OU2 Soil Evaluations Complete							◆				
117	Soil Evaluations							■				
118	RI Report	—————▶										
119	Draft RI Intro Sections	■										
120	Internal Review of RI Intro		■									
121	Revise RI Intro		■	■								
122	EG&G Review of Intro RI Sections			■	■							
123	Develop Draft RI Report				■	■	■	■	■			
124	Task 6,7,8: Final Report								■	■	■	■
125	Draft IHRA/EE/RI to EG&G								■			
126	RFP Review: Draft IHRA/EE/RI								■	■		
127	Revise Draft IHRA/EE/RI									■		
128	Internal Review: Draft IHRA/EE/RI										■	
129	Revisions based on Internal Review: Draft IHRA/EE/RI											■
130	Transmittal Period: Draft IHRA/EE/RI											■
131	Submittal to Agencies: Draft IHRA/EE/RI											◆

Project: OU3 Schedule: 1993-94
Date: 5/26/93

Critical		Progress		Summary	
Noncritical		Milestone	◆	Rolled Up	◇

6/9/99

Attachment 3
OU 3 Final RI Report Schedule

U. S. Department of Energy - Rocky Flats Plant
PROPOSED FY95-FY99 FIVE YEAR PLAN
OU 3 OFFSITE AREAS

ACTIVITY	DESCRIPTION	DUR.	START	FINISH	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
					Jan																			
OU 3 DRAFT PHASE I RFI/RI & EE/HHRA REPORT																								
7	W03000095	SUBMIT DRAFT PHASE I RFI/RI & EE/HHRA REPORT		14-Feb-1994				★																
8	W03000096	EPA/CDM REVIEW DRAFT PHASE I RFI/RI & EE/HHRA REPORT	62	15-Feb-1994				□																
9	W03000200	NRDA TRUSTEES REVIEW DRAFT PHASE I RFI/RI & EE/HHRA REPORT	62	15-Feb-1994				□																
OU 3 FINAL PHASE I RFI/RI & EE/HHRA REPORT																								
10	W03000110	FINAL PHASE I RFI/RI & EE/HHRA REPORT	170	13-May-1994				☒																
11	W03000099	INCORPORATE COMMENTS & FINALIZE DRAFT PHASE I RFI/RI & EE/HHRA REPORT	62	13-May-1994				□																
12	W03000100	DOCUMENT PROCESSING & TRANSMITTAL	5	11-Aug-1994																				
13	W03000201	DOE/RFO REVIEW FINAL PHASE I RFI/RI REPORT	26	18-Aug-1994				□																
14	W03000202	DOE/HQ REVIEW FINAL PHASE I RFI/RI REPORT	26	18-Aug-1994				□																
15	W03000203	INCORPORATE COMMENTS & FINALIZE PHASE I RFI/RI & EE/HHRA REPORT	10	26-Sep-1994																				
16	W03000204	DOCUMENT PROCESSING & TRANSMITTAL	10	10-Oct-1994																				
17	W03000101	SUBMIT FINAL PHASE I RFI/RI & EE/HHRA REPORT		21-Oct-1994				★																
18	W03000102	EPA/CDM REVIEW FINAL PHASE I RFI/RI & EE/HHRA REPORT	21	24-Oct-1994																				
19	W03000205	NRDA TRUSTEES REVIEW FINAL PHASE I RFI/RI & EE/HHRA REPORT	21	24-Oct-1994																				
20	W03000103	INCORPORATE COMMENTS & FINALIZE REVISED PHASE I RFI/RI & EE/HHRA REPORT	31	22-Nov-1994				□																
21	W03000104	DOCUMENT PROCESSING & TRANSMITTAL	5	16-Jan-1995																				

OU 3 OFFSITE AREAS ADS 1011