



**Rocky Mountain
Remediation Services, L.L.C.**
... protecting the environment

Rocky Flats Environmental Technology Site
P.O. Box 464
Golden, Colorado 80402-0464
Phone: (303) 966-7000

ORRES. CONTRO
UTGOING LTR. N
DOE ORDER #5480.21

99-RF-02867

July 21, 1999

99-RF-02867

DIST.	LT	N
Crawford, A. C.		
Hamrick, J. C.		
Hickman, M. E.	X	X
Crowe, S.		
Guthrie, C. L.		
Korenko, M. K.		
Dieter, T. J.	X	
Jenkins, Ken		
Miller, J.		
Cronin, R. D.		
Hughes, F.		
Trice, K.		
Conilogue, M		
Wolf, K. Z.		
Zbryk, K. O.		
Whiting, J.		
Bracken, G.		
Walker-Lembke		
Schommer, R.	X	X
Bourgeois, T		
Mills, S.		
Zachary, M		
Voelz, B.		
Schweinsberg		

John W. Whiting
779 Cluster PBS Manager
Kaiser-Hill Company, L.L.C.
Rocky Flats Environmental Technology Site

TRANSMITTAL OF REVISION TO FINAL SURVEY REPORT, BUILDING 729 – TJD-044-99

Enclosed are ten copies of the Revision to the Final Survey Report for Building 729. (This is the total of original reports distributed amongst Kaiser-Hill, DOE, CDPH&E, and EPA.) Please forward on as necessary.

Thomas J. Dieter
B779 Cluster Closure Project Manager

ras

CORRES.CON	X
Adm Rcd/080	X
TRAFFIC	
PATS/130G	

Enclosures: 10

CLASSIFICATION:	
UCN	
UNCLASSIFIED	
CONFIDENTIAL	
SECRET	

AUTHORIZED CL
SIGNATURE:

Date:

IN REPLY TO RFP

TION ITEM STAT	
<input type="checkbox"/> PARTIAL/OPE	
<input checked="" type="checkbox"/> CLOSED	

LTR APPROVALS:
Manager _____

G. & TYPIST INITI
ras

RF-46469(Rev.6/94)



ADMIN RECCRD

B779-A-000151

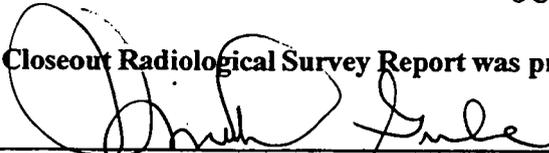
1/5

**CLOSEOUT RADIOLOGICAL SURVEY REPORT
FOR BUILDING 729**

REVISION 1

JULY, 99

This Closeout Radiological Survey Report was prepared by:



Michael Grube, Final Survey Radiological Engineer (GTS DURATEK)

8/13/99

Date

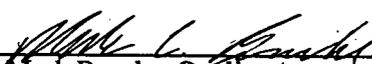
This Closeout Radiological Survey Plan has been reviewed and approved by:



Sarah Roberts, Radiological Engineer, B779 (ARCADIA)

8/17/99

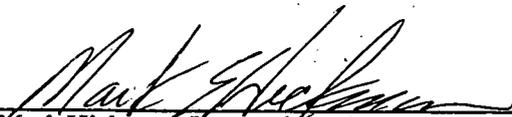
Date



Mark Brooks, Quality Assurance Manager (RMRS)

8-17-99

Date



Mark Hickman, Integration Manager, B779 (RMRS)

8-18-99

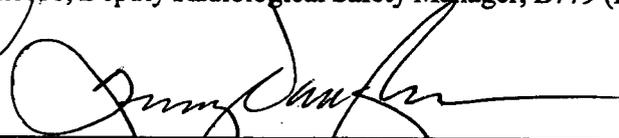
Date



Jeff Barroso, Deputy Radiological Safety Manager, B779 (RMRS)

8/17/99

Date



Terry Vaughn, Radiological Safety Director (RMRS)

8/19/99

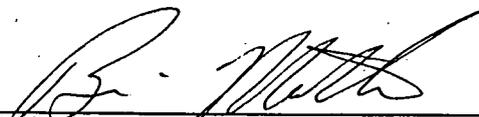
Date



Thomas Dieter, Project Manager, B779 (RMRS)

8/18/99

Date



Brian Mathis, Manager D&D Projects (K-H)

8/23/99

Date

Summary of Changes to 729 Report

Comment Originator	Comment	Response	Affected Pages
EPA	".....Please reword removing "779 Cluster" and adding "Building 729....."	The last sentence of section 1.1 was reworded as follows: "Each survey area and survey unit for Building 729 is accounted for on Attachment G..."	Volume 1 p. 5
IVC	Comment 2 Change "972901" to "72901"	Corrected.	Volume 1 p. 5
IVC	Comment 5 Change "...Building 779 DCGLs" to "Building 779 Cluster DCGLs."	Corrected.	Volume 1 p. 7
IVC	Comment 7 Change "...Building 779 DCGLs" to "Building 779 Cluster DCGLs."	Corrected.	Volume 1 p. 8
IVC	Comment 9 Add the word "background" between "of" and "counts".	Added.	Volume 1 p. 10
IVC	Comment 10 Reword statement.	Statement reworded as follows...."These low values indicated that the instrument background had an insignificant impact on the SCM ability to...."	Volume 1 p. 10
IVC	Comment 17 Reword/clarify "level of concern."	Reworded as "investigation level."	Volume 1 p. 14
IVC	Comment 34 Change title to "Radiological Closeout Survey for the 779 Cluster" on each map. Correct map numbering.	Corrected.	Volume 1 Appendix 1
IVC	Comment 37	The reference to "voltage" was deleted.	Volume 1 Appendix 2
IVC	Comment 43 Change RCSR to CRSR and RCSP to CRSP.	Corrected.	Volume 1 Appendix 3 p. 1
IVC	Comment 47 Change RCSR to CRSR and RCSP to CRSP.	Corrected.	Volume 1 Appendix 3 p. 2
IVC	Comment 51	- Deleted incorrect references to section 5.4 and Appendix 4. - Deleted statement on IVC position.	Volume 1 Appendix 3 p. 3
IVC	Comment 54	Corrected statement to reflect the following: if	Volume 1 Appendix 3

		first performance check fails, the next 2 (i.e. 2 of 3) must pass the criteria for continued use of the instrument. If 2 of 3 fail, the instrument is labeled and removed from service until repairs are effected.	p. 3
IVC	Comment 55 The third paragraph states that duplicate measurements were acquired of "real surveys." What is a "real survey"?	Changed to "total surface activity surveys."	Volume 1 Appendix 3 p. 3
IVC	Comment 56 There is no evidence provided in the report of any duplicates for smear surveys. If they were not done, this needs to be stated.	Clarified. (see response to comment 55).	Volume 1 Appendix 3 p. 3
IVC	Comment 60	Modified text to explain that full-scale calibrations comply with the +/- 10% specification, whereas periodic performance checks, which are not as rigorous as full-scale calibrations, comply with the +/- 20% standard.	Volume 1 Appendix 3 p. 3
IVC	Comment 62	Retracted "no biases" statement. Acknowledged bias, but explained that the bias does not affect the conclusion of the final survey.	Volume 1 Appendix 3 p. 3
IVC	Comment 65 Should be reworded since this report is not for a characterization survey.	Changed to "final status survey."	Volume 1 Appendix 3 p. 4
IVC	Comment 66 Change RCSP to CRSP.	Corrected.	Volume 1 Appendix 3 p. 4
IVC	Comment 69 Comment 71	Reworded the statement to represent that instrument sensitivities were consistently not < 50% of the DCGLs.	Volume 1 Appendix 3 p. 5
IVC	Comment 73 In the second paragraph, the MDC for the 90 cm detector is given as 61.1 dpm/100 cm ² . The table on page seven gives the MDC	Corrected.	Volume 1 Appendix 4 p. 3

	for this detector as 53.1 dpm/100 cm ² .		
IVC	Comment 74 "...It goes on to state that the MDC for the 90 cm detector is calculated as 66.1 dpm/100 cm ² , however in the second paragraph it gives an MDC of 61.1 dpm/100 cm ² , and in the table on page seven it gives an MDC of 53.1 dpm/100 cm ² .	Corrected.	Volume 1 Appendix 4 p. 3
IVC	Comment 75 In the third paragraph, the MDC for the 90 cm corner detector is given as 104.9 dpm/100 cm ² , but in the table on page nine it gives an MDC for this detector of 91.4 dpm/100 cm ² .	Corrected	Volume 1 Appendix 4 p. 4
CDPHE	(p. 72901020-1) states "survey 72901020 was conducted....as part of the 78201 survey." Is "78201" correct?	Corrected.	Volume 2 72901020-1 subunit report
CDPHEThe grid on page 5 (of 7299015f) does not show their location.	These faded out figures were replaced as necessary.	Volume 2 729015f subunit report