RADIOLOGICAL DATA ANALYSIS REPORT
SPONSOR DESIGNATION 9299
Accu Labs Research INC
U S D O E Rocky Flats Plant

06/04/87 THROUGH 06/04/87

SPONSOR NUMBER	ALR NUMBER	MATRIX	GROSS ALPHA	GROSS BETA	PLUTONIUM 239	AMERICIUM 241	URANIUM 233 234	URANIUM 238	STRONTIUM 90	CESIUM 137	TRITIUM pCi/ l	AIR DRY LOSS %
BH018704WS	24465 1	SOIL (pCi/gldry	22(10)	19(6)	-0 03(0 07)	0 00(0 04)	0 87(0 23)	0 58(0 19)	0 4(0 7)	0 7(1 0)	0 50(0 22)	18 1
BH0 8710WS	24465 2	SOIL (pCi/gldr	17(9)	23(6)	0 03(0 08)	0 04(0 06)	0 87(0 18)	1 1(0 2)	-0 1(0 6)	0 3(0 8)	0 13(0 21)	14 9
BH0 9701WT	4465 3	SOIL (pCi/gld	24(10)	29(6)	0 06(0 11)	0 03(0 06)	0 42(0 13)	0 35(0 12)	0 1(0 6)	1 3(1 0)	0 60(0 22)	10 2

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ADMIN RECORD

A-OU01-000587

RADIOLOGICAL DATA ANALYSIS REPORT
SPONSOR DESIGNATION 9299
Acc Labs Research INC
U S D C E R k Flats Pla t

06/05/87 THROUGH 06/05/87

SPONSOR NUMBER	ALR NUMBER	MATRIX	GROSS ALPHA	GROSS BETA	PLUTONIUM 239	AMERICIUM 241	URANIUM 233 234	URANIUM 238	STRONTIUM 90	CESIUM 137	TRITIUM pC / l	AIR DRY LOSS %
BH0487 9BR	24478 1	SOIL (pCi/g)dry	20(10)	19(6)	0 03(0 09)	-0 03(0 08)	0 89(0 22)	1 0(0 2)	-0 3(1 0)	0 3(0 9)	0 08(0 21)	[illegible] 1
BH048715CT	24478 2	SOIL (pCi/g)dry	19(9)	20(6)	0 07(0 12)	0 02(0 06)	0 55(0 14)	0 62(0 15)	0 21(0 8)	1 0(0 8)	0 08(0 2)	8
BH04870010	24478 3	SOIL (pCi/g)dry	18(9)	26(6)	0 05(0 10)	0 10(0 07)	0 44(0 15)	0 60(0 14)	0 21(0 5)	0 61(0 7)	0 [illegible](0 1)	7 3
BH0487(WT	24478 4	SOIL (pCi/g)d	28(10)	22(6)	-0 04(0 08)	0 05(0 07)	0 50(0 14)	0 51(0 14)	-0 1(0 6)	2 3(0 9)	0 18(0 1)	1(9

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RADIOLOGICAL DATA ANALYSIS REPORT
SPONSOR DESIGNATION 9299
Accu Labs Research INC
U S D O E Rock Flats Plant

05/26/87 THROUGH 05/27/87

CORRECTED REPORT

SPONSOR NUMBER	ALR NUMBER	MATRIX	GROSS ALPHA	GROSS BETA	PLUTONIUM 239	AMERICIUM 241	URANIUM 233 + 234	URANIUM 238	STRONTIUM 90	CESIUM 137	TRITIUM pCi/ l	AIR DRY LOSS %
BH07871013	24413 1	SOIL (pCi/g)d	35(14)	18(5)	-0 08(0 15)	0 01(0 06)	0 77(0 41)	0 62(0 44)	1 21(3)	2 6(0 9)	0 01(0 22)	15 2
BH0787(9BR	24413	SOIL (pC /g)d	28(13)	32(6)	-0 12(0 14)	0 07(0 10)	0 56(0 22)	0 49(0 28)	0 6(0 8)	0 5(0 8)	0 46(0 23)	16 2
BH0*8719BR	4413 3	SOI (pCi/g)d	35(14)	28(6)	0 03(0 09)	0 02(0 06)	0 94(0 21)	0 66(0 24)	0 6(1 0)	-0 4(0 6)	0 00(0 *2)	17 0
BH0*8714*0	4413 4	SOIL (pCi/g)d	34(14)	28(6)	0 10(0 18)	0 03(0 07)	1 1(0 3)	0 86(0 31)	0 7(0 8)	0 2(0 9)	0 08(0 22)	16 4
BH0*87(012	244 3 5	SOIL (pCi/g)dr	30(13)	30(6)	-0 10(0 1)	0 01(0 06)	0 93(0 19)	0 77(0 24)	-0 2(0 6)	0 1(0 7)	0 15(0 22)	15
BH0*87 4	4413 6	SOI (pCi/g)d	46(16)	27(6)	0 01(0 06)	0 07(0 09)	0 67(0 21)	0 64(0 26)	0 2(0 5)	-0 2(0 7)	0 34(0 22)	13 6

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RADIOLOGICAL DATA ANALYSIS REPORT
SPONSOR DESIGNATION 9229
Accu-Labs Research INC
U S D O E Rock Flats Plant

05/19/87 THROUGH 05/20/87

CORRECTED REPORT

SPECIMEN NUMBER	ALR NUMBER	MATRIX	GROSS ALPHA	GROSS BETA	PLUTONIUM 239	AMERICIUM 241	URANIUM 233 234	URANIUM 238	STRONTIUM 90	CESIUM 137	TRITIUM pC / l	AIR DRY GS %
BH0387[illegible]09	4378 1	SOIL (pCi/g)dr	45(16)	34(6)	-0 09(0 15)	-0 01(0 06)	0 81(0 18)	0 56(0 23)	0 9(0 8)	0 0(0 7)	0 [illegible]9(0 [illegible]0)	9 1
BH0387[illegible]09CT	4378 2	SOIL (pCi/g)dr	17(13)	25(6)	-0 03(0 16)	0 01(0 06)	0 68(0 19)	0 7 (0 [illegible]6)	0 4(0 6)	0 3(0 8)	0 1 (0 [illegible]0)	1 6
BH0387[illegible]2NT	24378 3	SOIL (pCi/g)d	40(16)	41(6)	0 09(0 14)	0 04(0 09)	0 95(0 19)	1 1(0 2)	0.3(0 7)	0 1(0 7)	0 3[illegible](0 [illegible]0)	1
BH0387126R	24378 4	SOIL (pCi/g)drv	36(15)	29(6)	-0 04(0 16)	0 00(0 13)	1 1(0 3)	1 0(0 3)	0 3(0 6)	0 5(0 8)	0 4(0 [illegible]0)	[illegible]0 1
BH0587000[illegible]	24378 5	SOIL (pCi/g)d v	27(14)	25(6)	-0 06(0 15)	0 01(0 07)	1 7(0 4)	1 9(0 5)	0 2(0 9)	0 3(0 7)	0 3 (0 [illegible]0)	16 5
BH0587[illegible]0BR	24378 6	SOIL (pCi/g)d	35(15)	20(6)	0 02(0 17)	0 04(0 09)	1 2(0 4)	0 85(0 38)	0 3(0 6)	0 4(0 7)	0 2(0 [illegible]0)	1 4
BH0587[illegible]CT	24378 7	SOIL (pCi/g)dr	22(13)	28(6)	0 04(0 07)	0 03(0 07)	0 90(0 25)	0 68(0 [illegible]8)	0 7(0 6)	0 3(0 6)	0 1[illegible](0 [illegible]0)	19 7
BH0687309R	24378 8	SOIL (pCi/g)dr	14(11)	30(6)	0 01(0 15)	0 01(0 07)	0 96(0 35)	1 4(0 5)	0 0(0 8)	0 4(0 6)	0 1(0 [illegible]0)	6
BH0687001O	24378 9	SOIL (pCi/g)dr	30(14)	33(6)	-0 04(0 16)	0 02(0 07)	1 0(0 2)	0 86(0 [illegible]8)	-0 2(0 8)	0 6(0 7)	0 12(0 [illegible]0)	18
BH0687[illegible]6CT	24378 10	SOIL (pCi/g)d	18(12)	35(6)	-0 01(0 19)	-0 03(0 05)	0 55(0 18)	1 0(0 3)	0 7(0 7)	0 5(0 6)	0 23(0 [illegible]0)	19 1
BH0687[illegible]0[illegible]0	24378 11	SOIL (Ci/g)dr	22(13)	38(6)	-0 06(0 15)	-0 06(0 08)	1 1(0 3)	0 63(0 7)	1 3(1 1)	0 4(0 7)	0 0[illegible](0 20)	6 4

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RADIOLOGICAL DATA ANALYSIS REPORT
SPONSOR DESIGNATION 9299
Accu-Labs Research INC
U.S D.O E Rocky Flats Plant

05/27/87 THROUGH 05/28/87

SPONSOR NUMBER	ALR NUMBER	MATRIX	GROSS ALPHA	GROSS BETA	PLUTONIUM 239	AMERICIUM 241	URANIUM 233 + 234	URANIUM 238	STRONTIUM 90	CESIUM 137	TRITIUM pCi/ l	AIR DRY LOSS %
BH02871BBR	24413-3	SOIL (pCi/g)dry	35(14)	28(6)	0 03(0 09)	0 02(0 06)	0.94(0 21)	0 44(0 24)	0 6(1 0)	-0 4(0 6)	0 00(0 22)	17 0
BH02871420	24413-4	SOIL (pCi/g)dry	34(14)	28(6)	0 10(0 10)	0 03(0 07)	1 1(0 3)	0 04(0 31)	0 7(0 8)	0 2(0 9)	0 08(0 22)	16 4
BH02870012	24413-5	SOIL (pCi/g)dry	30(13)	30(6)	-0 10(0 15)	-0 01(0 06)	0 83(0 19)	0 77(0 24)	-0 2(0 6)	0 1(0 7)	0 13(0 22)	15 9
BH02871214	24413-6	SOIL (pCi/g)dry	46(16)	27(6)	0 01(0 06)	0 07(0 09)	0 67(0 21)	0 64(0 26)	0 2(0 5)	-0 2(0 7)	0 34(0 22)	13 6
BH09870WT	24432-4	SOIL (pCi/g)dry	15(9)	30(6)	-0 08(0 10)	-0 03(0 08)	0 91(0 17)	0 77(0 17)	0 1(0 5)	0 0(0 8)	0 07(0 21)	16 9
BH09870010	24432-5	SOIL (pCi/g)dry	23(10)	21(6)	-0 08(0 10)	0 03(0 08)	0 64(0 15)	0 43(0 16)	0 2(1 0)	0 0(0 8)	0 04(0 21)	16 7
BH09871GBR	24432-6	SOIL (pCi/g)dry	23(10)	28(6)	-0 04(0 12)	0 03(0 09)	0 71(0 17)	0 72(0 18)	0 0(1 2)	0 1(0 8)	0 08(0 21)	15 6
BH09871LCT	24432-7	SOIL (pCi/g)dry	15(9)	20(6)	-0 04(0 14)	-0 05(0 06)	0 83(0 20)	0 82(0 21)	-0 1(1 0)	-0 3(0 8)	0 30(0 21)	14 5
BH128705BR	24425-6-1	SOIL (pCi/g)dry	31(13)	21(6)	0 03(0 13)	-0 01(0 07)	0.96(0 18)	0 85(0 18)	0 1(0 7)	1 7(0 9)	0 14(0 22)	11 9
BH128702CT	24425-6-2	SOIL (pCi/g)dry	32(13)	27(6)	0 12(0 14)	0 15(0 13)	0 98(0 18)	0 89(0 18)	-0 2(0 7)	0 0(0 9)	0 17(0 22)	10 2
BH148703W1	24425-6-3	SOIL (pCi/g)dry	28(13)	25(6)	-0 03(0 12)	0 10(0 11)	0.69(0 20)	0 47(0 18)	-0 2(0 7)	0 6(1 0)	-0 07(0 22)	11 9
BH148708W2	24425-6-4	SOIL (pCi/g)dry	22(12)	29(6)	-0 09(0 10)	-0 01(0 08)	1 1(0 2)	0 96(0 21)	-0 2(0 7)	0 1(0 9)	0 01(0 22)	16 7
BH148709BR	24425-6-5	SOIL (pCi/g)dry	30(13)	26(6)	-0 01(0 13)	0 01(0 08)	0.32(0 12)	0 36(0 12)	-0 4(0 7)	0 4(1 6)	0 11(0 22)	9 3
BH148706CT	24425-6-6	SOIL (pCi/g)dry	31(13)	30(6)	0 06(0 07)	0 02(0 08)	1 2(0 2)	0 80(0 16)	-0 3(0 6)	0 1(0 9)	-0 01(0 22)	14 6

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RADIOLOGICAL DATA ANALYSIS REPORT
SPONSOR DESIGNATION 9299
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U S D O E R ky Fl ts Plant

06/02/87 THROUGH 06/02/87

SPONSOR NUMBER	ALR NUMBER	MATRIX	GROSS ALPHA	GROSS BETA	PLUTONIUM 239	AMERICIUM 241	URANIUM 233 234	URANIUM 238	STRONTIUM 90	CESIUM 137	TRIT UM pCi/ l	AIR RY LC Z
BH168702CT	24444 1	SOIL (pCi/g)dr	17(9)	34(6)	0 91(0 38)	0 02(0 08)	0 58(0 15)	0 56(0 16)	0 9(0 8)	-0 2(0 6)	-0 07(0 70)	16 6
BH118714WT	24444 2	SOIL (pCi/g)drv	17(9)	32(6)	-0 08(0 11)	0 06(0 12)	1 2(0 2)	1 0(0 2)	0 7(0 8)	-0 1(0 9)	-0 04(0 20)	14 7
BH168706BR	24444 3	SOIL (pCi/g)d	21(10)	30(6)	-0 04(0 11)	0 01(0 08)	1 1(0 3)	0 8(0 26)	0 9(1 1)	-0 5(0 8)	-0 11(0 20)	6 0
BH118711CT	24444-4	SOIL (pCi/g)dr	18(10)	28(6)	-0 02(0 11)	0 06(0 11)	0 44(0 11)	0 51(0 14)	0 6(1 1)	-0 2(0 8)	0 12(0 21)	17 3
BH11870010	24444 5	SOIL (pCi/g)dr	22(10)	27(6)	-0 02(0 11)	0 09(0 10)	1 2(0 2)	0 78(0 18)	0 3(0 5)	0 1(0 7)	0 12(0 11)	19 2
BH16870206	24444 6	SOIL (pCi/g)dr	19(10)	22(6)	-0 02(0 11)	-0 03(0 08)	0 97(0 24)	1 1(0 3)	0 4(0 7)	-0 3(0 8)	0 13(0 21)	19 3

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RADIOLOGICAL DATA ANALYSIS REPORT
SPONSOR DESIGNATION 9299
Accu Labs Research INC
U S D O E Rocky Flats Plant

05/28/87 THROUGH 05/29/87

SPONSOR NUMBER	ALR NUMBER	MATRIX	GROSS ALPHA	GROSS BETA	PLUTONIUM 239	AMERICIUM 241	URANIUM 233 234	URANIUM 238	STRONTIUM 90	CESIUM 137	TRITIUM pCi/ l	AIR DRY LOSS %
BH138714BR	24432 1	SOIL (pCi/g)dry	34(11)	26(6)	-0 04(0 11)	0 03(0 08)	1 4(0 2)	1 2(0 2)	1 1(1 3)	-0 2(0 7)	-0 1(0 20)	14 2
BH138711CT	24432 2	SOIL (pCi/g)dry	17(10)	17(6)	0 00(0 12)	0 03(0 08)	0 67(0 17)	0 87(0 20)	1 2(1 2)	-0 2(0 8)	0 08(0 21)	18 3
BH13970010	24432 3	SOIL (pCi/g)d r	18(10)	27(6)	0 04(0 12)	0 03(0 08)	0 58(0 13)	0 60(0 14)	1 9(1 5)	0 1(0.8)	0 00(0 20)	16 3
BH09870UWT	2443? 4	SO L (pCi/g)dry	15(9)	30(6)	-0 08(0 10)	-0 03(0 08)	0 91(0 17)	0 77(0 17)	0 1(0 5)	0 0(0 8)	0 07(0 21)	16 9
BH09870010	2443? 5	SOIL (pCi/g)dr	23(10)	21(6)	-0 08(0 10)	0 03(0 08)	0 64(0 15)	0 63(0 16)	0 2(1 0)	0 0(0 8)	0 04(0 21)	16 7
BH09871 4BR	443? 6	SOIL (pC /g)dr	23(10)	28(6)	-0 04(0 12)	0 03(0 09)	0 71(0 17)	0 72(0 18)	0 8(1 2)	0 1(0 8)	0 08(0 21)	15 6
BH09871CT	24432 7	SOIL (Ci/)d	15(9)	20(6)	-0 04(0 14)	-0 05(0 06)	0 53(0 20)	0 82(0 21)	-0 1(1 0)	-0 3(0 8)	0 30(0 21)	16 5

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RADIOLOGICAL DATA ANALYSIS REPORT
SPONSOR DESIGNATION 9299
Accu Labs Research INC
U S D O E Rock Flats Plant

06/01/87 THROUGH 06/01/87

SPONSOR NUMBER	ALR NUMBER	MATRIX	GROSS ALPHA	GROSS BETA	PLUTONIUM 239	AMERICIUM 241	URANIUM 233 + 234	URANIUM 238	STRONTIUM 90	CESIUM 137	TRITIUM pCi/ l	AIR DRY LOSS %
B [illegible]	44 3 1	SO (pCi/g)DRY	29(11)	33(6)	0 06(0 11)	0 03(0 08)	0 06(0 19)	0 76(0 19)	0 1(0 6)	0 1(0 6)	0 08(0 21)	15 8
B [illegible]	4433	SO1 (pCi/g)DRY	20(10)	21(6)	-0 06(0 11)	0 03(0 11)	0 73(0 14)	0 62(0 14)	-0 1(0 7)	0 2(0 8)	0 2(0 1)	11 5
[illegible]	44 3	S IL (pCi/g)DRY	18(10)	28(6)	-0 09(0 10)	0 01(0 08)	0 99(0 34)	0 79(0 32)	0 0(0 8)	0 4(0 7)	0 1 (0 21)	15 8
9 [illegible]	443 4	L (pCi/g)DRY	17(10)	21(6)	-0 05(0 11)	0 04(0 09)	0 8(0 19)	0 68(0 18)	-0 2(0 6)	0 9(0 9)	-0 08(0 20)	18 0

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RADIOLOGICAL DATA ANALYSIS REPORT
SPONSOR DESIGNATION 9299
Accu Labs Research INC
U S D O E R cky Flats Plant

06/03/87 THROUGH 06/03/87

SPONSOR NUMBER	ALR NUMBER	MATRIX	GROSS ALPHA	GROSS BETA	PLUTONIUM 239	AMERICIUM 241	URANIUM 233 + 234	URANIUM 238	STRONTIUM 90	CESIUM 137	TRITIUM pCi/ l	AIR DRY LOSS %
[illegible]17870005	445 1	SOIL (i/g)DRY	25(10)	21(6)	0 38(0 14)	0 06(0 07)	0 86(0 30)	0 97(0 33)	0 2(0 6)	0 9(0 4)	0 26(0 21)	14 2
[illegible] 597 [illegible]BR	4455	S I (Ci/g)DRY	19(9)	19(6)	0 07(0 14)	0 02(0 05)	1 4(0 3)	0 83(0 23)	-0 2(0 6)	0 3(0 7)	0 0(0 21)	17 9
[illegible] 870905	4455 3	SOI (Ci/g)DRY	25(10)	22(6)	0 09(0 13)	0 10(0 12)	0 75(0 17)	0 71(0 16)	0 0(0 6)	0 1(0 8)	0 34(0 21)	1 3
[illegible]8971[illegible]	44 4	OIL (Ci/g)DRY	32(11)	30(7)	-0 01(0 08)	0 00(0 07)	1 3(0 3)	1 3(0 3)	-0 4(0 8)	0 4(0 7)	0 12(0 21)	16 9
[illegible] 97[illegible] 0	44 5	SOI (i/)DRY	21(10)	17(6)	-0 02(0 04)	-0 02(0 03)	0 86(0 20)	0 89(0 20)	-0 2(0 6)	0 7(0 7)	0 12(0 21)	4 4
[illegible]17870[illegible]	44 6	SOI ([illegible] /g)DRY	26(10)	24(6)	0 04(0 09)	0 01(0 04)	1 2(0.2)	0 83(0 [illegible]0)	0 3(0 6)	0 9(0 7)	0 11(0 21)	10 4
[illegible]837[illegible]07	44 7	S I (i/g)DRY	17(9)	21(6)	0 08(0 09)	0 06(0 06)	0 43(0 14)	0 36(0 2)	-0 1(0 6)	1 1(0 8)	0 09(0 21)	8 5
[illegible]837[illegible]0	44 8	C (C /g)DRY	6(10)	20(6)	0 02(0 08)	0 00(0 04)	0 68(0 17)	0 79(0 18)	0 (0 4)	0 3(0 8)	0 14(0 1)	6 7
[illegible] 7870BR	44	S I (pCi/)DRY	16(9)	16(6)	-0 03(0 08)	0 02(0 05)	1 5(0 4)	1 1(0 3)	0 0(0 6)	0 2(0 8)	-0 16(0 [illegible]0)	15 0

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