APPENDIX D. Data Used in K_d Calculations

Table 14. Raw data for Ce, Co, Cs, Mn, Ru, Sr, Sr, and Zn K_d calculations.

Tube #	ADS Sample ID	Boring/Sample #	Soil (g)	Total Vol (mL)	Final Mn-54 (dpm/mL)	Final Co-57 (dpm/mL)	Final Zn-65 (dpm/mL)	Final Sr-85 (dpm/mL)	Final Ru-106 (dpm/mL)	Final Ce-139 (dpm/mL)	Final Cs-137 (dpm/mL)
101a-A	300242781	B-949/CORE R3	0.51	11.62	18.63	4.60	12.90	364.54	55.70	5.15	7.55
101a-B	300242782	B-949/CORE R3	0.50	10.95	5.59	4.00	12.70	231.48	52.60	4.46	3.29
102a-A	300242783	B-951/CORE R5	0.50	12.62	5.43	4.16	16.50	313.11	54.40	4.81	12.56
102a-B	300242784	B-951/CORE R5	0.50	11.11	6.10	3.18	14.70	302.18	49.70	4.96	13.48
103a-A	300242785	B-901/CORE R20	0.51	10.37	4.41	14.19	14.20	599.57	64.80	6.12	184.68
103a-B	300242786	B-901/CORE R20	0.50	10.90	1943.10	1357.00	240.29	886.76	190.00	9.27	268.14
104a-A	300242787	B-901/CORE R22	0.50	10.72	7.12	8.07	15.30	404.10	54.00	4.73	122.56
104a-B	300242788	B-901/CORE R22	0.51	10.75	60.23	26.51	16.30	573.05	75.20	13.91	193.99
105a-A	300242789	B-901/S5	0.50	10.84	2846.70	2636.40	2577.00	1069.90	277.57	166.15	1097.80
105a-B	300242790	B-901/S5	0.50	10.87	2569.90	2245.00	1617.60	964.28	182.00	128.32	936.67
106a-A	300242791	B-901/S8	0.49	10.74	279.91	82.04	7.72	92.16	79.90	6.76	889.42
106a-B	300242792	B-901/S8	0.50	10.74	5.56	3.82	11.80	290.17	30.40	4.39	300.99
107a-A	300242793	B-904/S10	0.49	10.65	758.35	503.87	230.85	905.38	102.00	6.19	251.91
107a-B	300242794	B-904/S10	0.50	10.80	3139.70	3029.80	2889.90	1218.00	998.40	374.01	554.82
108a-A	300242795	B-913/S9	0.49	10.71	17.48	6.68	11.30	763.53	45.40	5.06	113.88
108a-B	300242796	B-913/S9	0.50	10.92	3.41	4.35	11.40	682.96	43.90	4.98	109.50
109a-A	300242797	B-913/S10	0.50	10.87	15.86	13.27	13.50	865.70	70.00	6.95	595.28
109a-B	300242798	B-913/S10	0.49	10.68	6.28	10.90	7.87	865.61	50.10	4.57	523.18
110a-A	300242799	B-917/S12	0.49	10.81	5.50	9.19	10.10	872.37	46.40	4.88	515.17
110a-B	300242800	B-917/S12	0.49	10.64	22.76	17.16	15.20	920.82	65.30	7.03	525.27
111a-A	300242801	B-917/S14	0.50	10.68	6.81	10.61	13.90	917.38	64.30	7.25	611.82
111a-B	300242802	B-917/S14	0.49	10.70	6.71	10.21	15.20	935.45	69.90	7.38	679.34
112a-A	300242803	B-917/S15	0.50	10.56	9.28	12.66	24.80	1032.20	120.00	11.40	1109.60
112a-B	300242804	B-917/S15	0.49	10.71	38.47	25.97	23.17	1036.10	116.00	7.90	997.44
113a-A	300242805	B-919/S8	0.51	11.65	12.30	14.13	23.10	667.79	85.80	9.47	192.01
113a-B	300242806	B-919/S8	0.51	10.83	26.46	22.64	16.10	717.43	47.70	4.83	263.34
114a-A	300242807	B-920/S11	0.50	10.81	4.38	9.21	6.74	516.35	38.60	4.09	212.26
114a-B	300242808	B-920/S11	0.50	10.64	4.54	6.68	11.00	592.69	40.50	4.24	238.40
115a-A	300242809	B-928/S7	0.49	10.61	55.91	44.06	9.91	941.95	54.40	5.31	764.01

Tube #	ADS Sample ID	Boring/Sample #	Soil (g)	Total Vol (mL)	Final Mn-54 (dpm/mL)	Final Co-57 (dpm/mL)	Final Zn-65 (dpm/mL)	Final Sr-85 (dpm/mL)	Final Ru-106 (dpm/mL)	Final Ce-139 (dpm/mL)	Final Cs-137 (dpm/mL)
115a-B	300242810	B-928/S7	0.50	10.75	11.09	13.73	7.01	854.86	50.10	3.77	681.07
116a-A	300242811	B-929/S12	0.50	10.69	18.75	10.52	9.51	915.68	47.00	5.43	686.76
116a-B	300242812	B-929/S12	0.51	10.48	21.95	15.99	11.70	916.95	52.20	5.83	737.49
117a-A	300242813	B931/S11	0.51	10.62	22.23	13.03	10.10	994.82	53.80	5.77	978.71
117a-B	300242814	B931/S11	0.50	10.56	14.57	13.25	11.70	1008.00	55.10	4.07	1050.00
118a-A	300242815	B932/S6	0.50	10.63	6.59	9.84	11.10	760.01	45.80	4.92	455.88
118a-B	300242816	B932/S6	0.50	10.97	9.75	10.49	12.38	829.65	46.90	4.77	555.69
119a-A	300242817	B951/S7	0.50	10.75	3.01	3.43	9.71	599.78	39.90	4.10	29.51
119a-B	300242818	B951/S7	0.50	10.77	3.71	3.22	9.35	488.25	36.60	3.76	23.99
120a-A	300242819	B-951/S9	0.50	10.75	8.16	6.13	10.80	737.09	40.70	4.62	270.20
120a-B	300242820	B-951/S9	0.50	10.72	19.08	10.32	10.60	779.71	44.90	3.23	234.83
121a-A	300242821	Spike control	na	9.33	3645.00	3560.50	3439.00	1347.90	3297.90	2589.00	4659.00
121a-B	300242822	Spike control	na	9.17	61.20	53.13	57.38	20.45	40.28	48.82	70.53
121a-C	300242823	Spike control	na	9.34	3664.60	3498.40	3427.90	1333.90	3319.20	2626.60	4664.80
122a-A	300242824	Blank control	na		4.12	2.53	9.65	4.41	21.60	2.89	4.30
122a-B	300242825	Blank control	na		3.42	2.53	9.08	4.40	22.10	2.91	4.16

Table 15. Initial spike concentrations for each sample.

Tube #	Boring/Sample #	Spike Mn-54 (dpm/mL)	Spike Co-57 (dpm/mL)	Spike Zn-65 (dpm/mL)	Spike Sr-85 (dpm/mL)	Spike Ru-106 (dpm/mL)	Spike Ce-139 (dpm/mL)	Spike Cs-137 (dpm/mL)	Spike Fe-55 (dpm/mL)	Spike Pu-238 (dpm/mL)	Spike Ni-59 (dpm/mL)	Spike Ag (ug/L)
101a-A	B-949/CORE R3	3043	2938	2859	1116	2755	2171	3881	13014	11494	332	107.5
101a-B	B-949/CORE R3	3229	3118	3033	1185	2923	2304	4119	12164	10743	342	104.1
102a-A	B-951/CORE R5	2802	2706	2633	1028	2537	2000	3575	12945	11433	313	103.9
102a-B	B-951/CORE R5	3181	3072	2988	1167	2880	2270	4058	12822	11324	330	105.6
103a-A	B-901/CORE R20	3411	3294	3204	1251	3087	2434	4350	12842	11341	318	105.5
103a-B	B-901/CORE R20	3242	3131	3046	1190	2935	2314	4136	12760	11269	334	107.0
104a-A	B-901/CORE R22	3300	3186	3100	1211	2987	2354	4209	12124	10708	332	111.8
104a-B	B-901/CORE R22	3288	3175	3088	1206	2976	2346	4193	13246	11698	329	110.2
105a-A	B-901/S5	3263	3151	3065	1197	2954	2328	4162	12265	10832	346	112.3
105a-B	B-901/S5	3254	3142	3057	1194	2946	2322	4151	13387	11823	326	115.8
106a-A	B-901/S8	3291	3178	3092	1207	2979	2348	4198	13007	11488	335	114.1
106a-B	B-901/S8	3292	3179	3092	1208	2980	2349	4199	12752	11263	349	115.0
107a-A	B-904/S10	3321	3207	3120	1219	3007	2370	4236	13113	11581	344	115.6
107a-B	B-904/S10	3273	3161	3075	1201	2963	2335	4175	13035	11512	349	116.9
108a-A	B-913/S9	3301	3188	3101	1211	2989	2356	4211	13513	11934	365	119.4
108a-B	B-913/S9	3238	3127	3042	1188	2931	2310	4130	13611	12021	367	120.3
109a-A	B-913/S10	3253	3141	3056	1193	2944	2321	4149	13048	11524	348	117.2
109a-B	B-913/S10	3309	3196	3109	1214	2996	2361	4221	12961	11447	349	118.1
110a-A	B-917/S12	3271	3159	3073	1200	2961	2334	4173	12814	11317	321	116.9
110a-B	B-917/S12	3322	3208	3121	1219	3007	2370	4237	12795	11300	343	118.1
111a-A	B-917/S14	3309	3196	3109	1214	2996	2361	4221	13042	11518	348	116.7
111a-B	B-917/S14	3304	3191	3104	1212	2991	2357	4214	12982	11465	352	117.5
112a-A	B-917/S15	3349	3234	3146	1229	3032	2390	4272	12805	11309	354	117.1
112a-B	B-917/S15	3300	3187	3101	1211	2988	2355	4210	12969	11454	351	118.1
113a-A	B-919/S8	3034	2930	2851	1113	2747	2165	3871	12564	11096	351	116.7
113a-B	B-919/S8	3265	3153	3067	1198	2956	2330	4165	12626	11151	338	117.1
114a-A	B-920/S11	3271	3159	3073	1200	2961	2334	4172	12746	11257	307	117.8
114a-B	B-920/S11	3324	3210	3122	1219	3009	2372	4240	12637	11160	349	116.7
115a-A	B-928/S7	3333	3219	3131	1223	3017	2378	4252	12657	11178	348	115.8

Tube #	Boring/Sample #	Spike Mn-54 (dpm/mL)	Spike Co-57 (dpm/mL)	Spike Zn-65 (dpm/mL)	Spike Sr-85 (dpm/mL)	Spike Ru-106 (dpm/mL)	Spike Ce-139 (dpm/mL)	Spike Cs-137 (dpm/mL)	Spike Fe-55 (dpm/mL)	Spike Pu-238 (dpm/mL)	Spike Ni-59 (dpm/mL)	Spike Ag (ug/L)
115a-B	B-928/S7	3288	3175	3089	1206	2976	2346	4194	12920	11410	335	115.9
116a-A	B-929/S12	3308	3195	3108	1214	2995	2360	4220	13122	11589	342	117.7
116a-B	B-929/S12	3372	3257	3168	1237	3053	2406	4301	12997	11479	342	115.5
117a-A	B931/S11	3330	3216	3129	1222	3015	2376	4248	13470	11896	344	117.1
117a-B	B931/S11	3348	3233	3145	1228	3031	2389	4271	13174	11635	346	118.5
118a-A	B932/S6	3325	3211	3124	1220	3010	2372	4241	13203	11660	336	115.9
118a-B	B932/S6	3222	3112	3027	1182	2917	2299	4110	12806	11310	334	116.4
119a-A	B951/S7	3289	3176	3090	1207	2977	2347	4195	12988	11471	353	116.6
119a-B	B951/S7	3283	3170	3084	1204	2972	2342	4187	12664	11185	339	115.4
120a-A	B-951/S9	3288	3175	3089	1206	2976	2346	4194	13063	11537	348	115.9
120a-B	B-951/S9	3299	3186	3099	1210	2986	2354	4208	13027	11505	331	116.1

Table 16. Ce, Co, Cs, Mn, Ru, Sr, Sr, and Zn K_d values for each sample.

Boring/Sample #	Rep	Mn-54 Kd (mL/g)	Co-57 Kd (mL/g)	Zn-65 Kd (mL/g)	Sr-85 Kd (mL/g)	Ru-106 Kd (mL/g)	Ce-139 Kd (mL/g)	Cs-137 Kd (mL/g)
B-949/CORE R3	1	3698.5	14527.7	> 5026.8	47.0	> 1104.2	> 9584.1	> 11692.0
	2	> 12592.4	> 17002.0	> 5194.1	89.9	> 1191.7	> 11259.2	> 27316.8
B-951/Core R5	1	> 12929.1	> 16303.9	> 3979.8	57.3	> 1145.4	> 10409.5	7118.5
	2	> 11462.0	> 21251.6	> 4454.8	63.0	> 1254.0	> 10055.5	6606.8
B-901/CORE R20	1	> 15702.3	4700.1	> 4566.8	22.1	> 948.3	> 8063.6	458.6
	2	14.6	28.6	255.6	7.5	> 316.3	> 5441.4	315.8
B-901/CORE R22	1	9861.8	8399.6	> 4297.5	42.5	> 1157.8	> 10589.3	710.7
	2	1136.5	2519.1	3996.4	23.4	> 818.1	3555.7	437.2
B-901/S5	1	3.2	4.2	4.1	2.6	209.7	283.0	60.7
	2	5.8	8.8	19.5	5.2	> 333.2	375.1	75.3
B-901/S8	1	234.9	824.2	8720.0	264.3	> 792.5	> 7564.3	81.2
	2	> 12815.3	> 18021.6	> 5660.6	68.6	> 2103.7	> 11579.0	280.8
B-904/S10	1	72.9	115.7	269.8	7.5	> 613.9	8236.9	341.0
	2	0.9	0.9	1.4	-0.3	42.4	113.0	140.6
B-913/S9	1	4090.3	10376.3	> 5953.9	12.8	> 1411.5	> 10114.0	783.3
	2	20894.1	15787.8	> 5848.5	16.3	> 1447.0	> 10184.9	807.8
B-913/S10	1	4411.4	5094.8	> 4869.4	8.2	> 887.3	> 7194.3	129.0
	2	11394.0	6326.5	> 8534.6	8.7	> 1273.5	> 11169.8	153.1
B-917/S12	1	12974.0	7495.1	> 6628.9	8.2	> 1373.2	> 10433.0	155.2
	2	3117.4	3998.6	> 4393.6	7.0	> 968.8	> 7229.0	152.0
B-917/S14	1	10307.6	6378.7	> 4729.2	6.9	> 968.3	> 6896.3	125.3
	2	> 10631.6	6738.9	> 4396.4	6.4	> 904.1	> 6889.6	112.6
B-917/S15	1	7537.5	5329.7	> 2635.1	4.0	> 508.0	> 4367.7	59.7
	2	1847.2	2651.5	2893.1	3.7	> 539.2	> 6471.2	70.2
B-919/S8	1	> 5625.1	4725.0	> 2802.3	15.3	> 710.1	> 5211.4	438.6
	2	2616.1	2956.0	4049.8	14.3	> 1303.1	10288.4	316.7
B-920/S11	1	> 16120.5	7395.8	> 9833.1	28.6	> 1636.5	> 12312.9	403.3
	2	> 15449.1	10140.1	> 5977.2	22.3	> 1548.8	> 11798.3	354.7

Boring/Sample #	Rep	Mn-54 Kd (mL/g)	Co-57 Kd (mL/g)	Zn-65 Kd (mL/g)	Sr-85 Kd (mL/g)	Ru-106 Kd (mL/g)	Ce-139 Kd (mL/g)	Cs-137 Kd (mL/g)
B-928/S7	1	1260.6	1549.8	> 6774.2	6.4	> 1171.4	> 9611.4	98.2
	2	6341.5	4938.4	> 9431.0	8.8	> 1253.0	13324.1	110.6
B-929/S12	1	3758.5	6483.6	> 6980.1	7.0	> 1343.7	> 9292.1	110.2
	2	3146.6	4178.6	> 5560.5	7.2	> 1184.8	8482.2	99.6
B931/S11	1	3102.7	5126.0	> 6436.5	4.8	> 1147.3	> 8564.2	69.6
	2	4872.9	5175.9	> 5704.3	4.7	> 1150.3	12474.0	65.3
B932/S6	1	10759.6	6956.1	> 5995.7	12.9	> 1383.8	10293.8	177.5
	2	7265.9	6522.0	5371.6	9.4	> 1349.8	10605.1	141.1
B951/S7	1	> 23592.3	> 19990.1	> 6855.1	21.9	> 1591.0	> 12348.1	3050.8
	2	> 19155.7	> 21316.1	> 7126.9	31.8	> 1738.1	> 13479.9	3761.3
B-951/S9	1	8618.5	11069.6	> 6107.4	13.6	> 1545.7	> 10860.5	311.2
	2	3668.3	6566.8	> 6217.1	11.8	> 1397.8	> 15528.3	361.0

Table 17. Data used in the Ag K_d determinations.

Tube #	ADS Sample ID	Boring/Sample #	Rep	Soil (g)	Final Ag (ug/L)	Total Vol (mL)	Initial Ag Spike Conc. (µg/L)		Ag Kd (mL/g)
101d-A	300242846	B-949/CORE R3	1	0.50082	0.05	11.88349	107.5		50999
101d-B	300242847		2	0.5701	<0.200	12.27603	104.1	>	11184
102d-A	300242848	B-951/CORE R5	1	0.4959	<0.200	12.3004	103.9	>	12857
102d-B	300242849		2	0.50603	<0.200	12.10449	105.6	>	12600
103d-A	300242850	B-901/CORE R20	1	0.49414	<0.200	12.11495	105.5	>	12904
103d-B	300242851		2	0.50288	<0.200	11.9371	107.0	>	12680
104d-A	300242852	B-901/CORE R22	1	0.50518	<0.200	11.42799	111.8	>	12623
104d-B	300242853		2	0.50369	0.352	11.59022	110.2		7183
105d-A	300242854	B-901/S5	1	0.49525	39.95	11.37578	112.3		42
105d-B	300242855		2	0.50418	67.76	11.03131	115.8		16
106d-A	300242856	B-901/S8	1	0.5045	43.58	11.1992	114.1		36
106d-B	300242857		2	0.50473	61.04	11.10949	115.0		19
107d-A	300242858	B-904/S10	1	0.50313	32.25	11.05608	115.6		57
107d-B	300242859		2	0.49699	23.04	10.92786	116.9		90
108d-A	300242860	B-913/S9	1	0.5084	38.86	10.69894	119.4		44
108d-B	300242861		2	0.49582	39.9	10.6227	120.3		43
109d-A	300242862	B-913/S10	1	0.49187	79.1	10.89969	117.2		11
109d-B	300242863		2	0.49544	111	10.81748	118.1		1
110d-A	300242864	B-917/S12	1	0.49702	47.1	10.92882	116.9		33
110d-B	300242865		2	0.50463	63	10.81897	118.1		19
111d-A	300242866	B-917/S14	1	0.50135	54.5	10.94636	116.7		25
111d-B	300242867		2	0.50998	40.7	10.86938	117.5		40
112d-A	300242868	B-917/S15	1	0.50183	65.5	10.90675	117.1		17
112d-B	300242869		2	0.49443	68.1	10.81953	118.1		16
113d-A	300242870	B-919/S8	1	0.50966	8.44	10.94796	116.7		276
113d-B	300242871		2	0.50343	12.1	10.91256	117.1		188
114d-A	300242872	B-920/S11	1	0.49585	<5.10	10.84794	117.8	>	483
114d-B	300242873		2	0.49772	<5.10	10.94463	116.7	>	481
115d-A	300242874	B-928/S7	1	0.49457	16.9	11.03384	115.8		131

Tube #	ADS Sample ID	Boring/Sample #	Rep	Soil (g)	Final Ag (ug/L)	Total Vol (mL)	Initial Ag Spike Conc. (µg/L)		Ag Kd (mL/g)
115d-B	300242875		2	0.50102	<5.10	11.02521	115.9	>	478
116d-A	300242876	B-929/S12	1	0.49945	106.4	10.85331	117.7		2
116d-B	300242877		2	0.50907	103	11.06464	115.5		3
117d-A	300242878	B931/S11	1	0.50793	66.84	10.91471	117.1		16
117d-B	300242879		2	0.50885	26.74	10.77778	118.5		73
118d-A	300242880	B932/S6	1	0.50906	<0.200	11.02025	115.9	>	12527
118d-B	300242881		2	0.49815	<0.200	10.97573	116.4	>	12802
119d-A	300242882	B951/S7	1	0.50328	<0.200	10.95466	116.6	>	12671
119d-B	300242883		2	0.49976	<0.200	11.07112	115.4	>	12760
120d-A	300242884	B-951/S9	1	0.49703	<0.200	11.0215	115.9	>	12831
120d-B	300242885		2	0.50889	0.703	11.00523	116.1		3550
121d-A	300242886	Spike control	1	na	128.8	10.03575			
121d-B	300242887		2	na	128.2	10.07271			
121d-C	300242888		3	na	124.2	10.05642			
122d-A	300242889	Blank control	1	na	<0.200				
122d-B	300242890		2	na	0.219				

Table 18. Pu-238 and Fe-55 K_d values for each sample.

ADS Sample ID	Boring/Sample #	Rep	Soil (g)	Total Vol (mL)	Pu-238 (DPM/ml)	1 Sigma %Unc	Fe-55 (DPM/ml)	1 Sigma % Unc.	Fe Spike Conc. (dpm/mL)	Pu Spike Conc. (dpm/mL)		Fe Kd (mL/g)	Pu Kd (mL/g)
300242951	B-949/CORE R3	1	0.24634	10.611	1.01E+02	11.74%	< 7.88E+00	MDA	1.30E+04	1.15E+04	>	71,098	4,859
300242952		2	0.24298	11.353	4.00E+01	13.20%	< 2.85E+01	MDA	1.22E+04	1.07E+04	>	19,895	12,502
300242953	B-951/CORE R5	1	0.25556	10.668	9.82E+02	6.12%	< 5.67E+01	MDA	1.29E+04	1.14E+04	>	9,489	444
300242954		2	0.25345	10.770	9.95E+02	7.29%	< 1.75E+01	MDA	1.28E+04	1.13E+04	>	31,093	441
300242955	B-901/CORE R20	1	0.25061	10.754	1.64E+03	6.55%	< 9.71E+01	MDA	1.28E+04	1.13E+04	>	5,632	254
300242956		2	0.25762	10.823	1.25E+03	6.52%	< 1.14E+02	MDA	1.28E+04	1.13E+04	>	4,660	337
300242957	B-901/CORE R22	1	0.25903	11.390	1.07E+03	7.33%	< 2.37E+01	MDA	1.21E+04	1.07E+04	>	22,451	396
300242958		2	0.24255	10.426	1.44E+03	6.50%	< 9.48E+01	MDA	1.32E+04	1.17E+04	>	5,963	306
300242959	B-901/S5	1	0.25751	11.259	9.63E+03	5.62%	<2.42E+02	MDA	1.23E+04	1.08E+04	>	2,172	5
300242960		2	0.24989	10.315	1.05E+04	5.34%	< 2.23E+01	MDA	1.34E+04	1.18E+04	>	24,740	5
300242961	B-901/S8	1	0.24675	10.617	6.91E+03	5.41%	< 8.97E+01	MDA	1.30E+04	1.15E+04	>	6,196	29
300242962		2	0.25845	10.829	5.75E+03	5.43%	< 1.04E+02	MDA	1.28E+04	1.13E+04	>	5,096	40
300242963	B-904/S10	1	0.25963	10.531	3.25E+03	6.15%	< 2.57E+01	MDA	1.31E+04	1.16E+04	>	20,656	104
300242964		2	0.2452	10.595	3.76E+03	6.04%	< 1.29E+02	MDA	1.30E+04	1.15E+04	>	4,323	89
300242965	B-913/S9	1	0.24168	10.220	2.30E+03	6.20%	< 1.38E+02	MDA	1.35E+04	1.19E+04	>	4,098	177
300242966		2	0.24593	10.146	2.28E+03	6.36%	< 2.27E+01	MDA	1.36E+04	1.20E+04	>	24,696	176
300242967	B-913/S10	1	0.25876	10.584	4.52E+02	8.36%	< 7.08E+01	MDA	1.30E+04	1.15E+04	>	7,497	1,002
300242968		2	0.24362	10.655	9.79E+02	7.20%	< 1.02E+02	MDA	1.30E+04	1.14E+04	>	5,514	468
300242969	B-917/S12	1	0.25278	10.777	1.83E+03	5.85%	< 1.13E+01	MDA	1.28E+04	1.13E+04	>	48,304	221
300242970		2	0.24532	10.793	1.15E+03	6.12%	< 4.63E+01	MDA	1.28E+04	1.13E+04	>	12,114	388
300242971	B-917/S14	1	0.24778	10.589	1.69E+03	5.81%	< 6.57E+01	MDA	1.30E+04	1.15E+04	>	8,440	249
300242972		2	0.24436	10.638	2.34E+03	6.37%	< 2.37E+01	MDA	1.30E+04	1.15E+04	>	23,802	170
300242973	B-917/S15	1	0.24159	10.784	3.21E+03	6.16%	< 1.23E+02	MDA	1.28E+04	1.13E+04	>	4,603	113
300242974		2	0.25664	10.648	1.52E+03	6.65%	< 1.21E+02	MDA	1.30E+04	1.15E+04	>	4,406	271
300242975	B-919/S8	1	0.24607	10.992	7.32E+02	6.52%	< 8.58E+00	MDA	1.26E+04	1.11E+04	>	65,364	632
300242976		2	0.24946	10.937	4.06E+02	6.75%	< 3.52E+01	MDA	1.26E+04	1.12E+04	>	15,683	1,160
300242977	B-920/S11	1	0.24952	10.835	1.60E+03	5.85%	< 6.33E+01	MDA	1.27E+04	1.13E+04	>	8,700	262
300242978		2	0.24252	10.928	1.24E+03	7.09%	< 1.89E+01	MDA	1.26E+04	1.12E+04	>	30,083	361

ADS Sample ID	Boring/Sample #	Rep	Soil (g)	Total Vol (mL)	Pu-238 (DPM/ml)	1 Sigma %Unc	Fe-55 (DPM/ml)	1 Sigma % Unc.	Fe Spike Conc. (dpm/mL)	Pu Spike Conc. (dpm/mL)		Fe Kd (mL/g)	Pu Kd (mL/g)
300242979	B-928/S7	1	0.25128	10.911	9.38E+02	7.10%	< 7.93E+01	MDA	1.27E+04	1.12E+04	>	6,887	474
300242980		2	0.25989	10.689	7.52E+02	7.36%	< 9.91E+01	MDA	1.29E+04	1.14E+04	>	5,321	583
300242981	B-929/S12	1	0.25349	10.524	8.08E+02	7.55%	< 1.66E+01	MDA	1.31E+04	1.16E+04	>	32,777	554
300242982		2	0.25993	10.625	8.40E+02	7.37%	< 7.38E+01	MDA	1.30E+04	1.15E+04	>	7,158	518
300242983	B931/S11	1	0.24101	10.252	1.84E+03	5.89%	< 1.12E+01	MDA	1.35E+04	1.19E+04	>	51,117	232
300242984		2	0.24875	10.482	1.03E+03	7.02%	< 1.07E+02	MDA	1.32E+04	1.16E+04	>	5,146	434
300242985	B932/S6	1	0.24467	10.460	2.16E+02	7.68%	< 3.03E+01	MDA	1.32E+04	1.17E+04	>	18,585	2,265
300242986		2	0.24057	10.784	1.84E+02	7.76%	< 4.09E+01	MDA	1.28E+04	1.13E+04	>	13,990	2,710
300242987	B951/S7	1	0.25995	10.633	1.30E+02	14.69%	< 1.31E+01	MDA	1.30E+04	1.15E+04	>	40,512	3,568
300242988		2	0.2468	10.905	1.17E+02	11.80%	< 5.49E+01	MDA	1.27E+04	1.12E+04	>	10,148	4,180
300242989	B-951/S9	1	0.25994	10.571	1.48E+02	12.49%	< 1.29E+01	MDA	1.31E+04	1.15E+04	>	41,143	3,130
300242990		2	0.2599	10.601	1.14E+02	12.26%	< 7.24E+01	MDA	1.30E+04	1.15E+04	>	7,298	4,076
300242991	Spike control	1	0.24634	9.697	1.37E+04	5.52%	1.42E+04	11.41%					
300242992		2	0.24298	9.671	1.06E+04	5.62%	1.43E+04	11.16%					
300242993		3	0.25556	9.671	1.35E+04	5.30%	1.43E+04	10.18%					
300242994	Blank control	1	0.25345		< 7.11E+0	MDA	< 3.72E+01	MDA					
300242995		2	0.25061										

Table 19. Ni-59 K_d values for each sample.

Tube #	ADS Sample ID	Boring/Sample #	Rep	Soil (g)	Initial Ni Spike Conc (DPM/mL)	Total Vol (mL)	Final Ni (DPM/mL)		Ni Kd (mL/g)
101d-A	300242906	B-949/CORE R3	1	0.49332	3.32E+02	10.9437	< 4.17E+00	>	1744.4
101d-B	300242907		2	0.5007	3.42E+02	10.6196	< 4.81E+00	>	1487.7
102d-A	300242908	B-951/CORE R5	1	0.49342	3.13E+02	11.61532	< 7.96E+00	>	901.7
102d-B	300242909		2	0.49495	3.30E+02	10.9976	< 8.11E+00	>	883.1
103d-A	300242910	B-901/CORE R20	1	0.5012	3.18E+02	11.4349	< 9.00E+00	>	782.8
103d-B	300242911		2	0.50404	3.34E+02	10.87674	< 1.54E+01	>	446.6
104d-A	300242912	B-901/CORE R22	1	0.50131	3.32E+02	10.94671	< 8.11E+00	>	872.0
104d-B	300242913		2	0.49143	3.29E+02	11.03348	< 9.57E+00	>	750.3
105d-A	300242914	B-901/S5	1	0.49071	3.46E+02	10.48784	9.95E+01		53.1
105d-B	300242915		2	0.49352	3.26E+02	11.1551	1.45E+02		28.2
106d-A	300242916	B-901/S8	1	0.49264	3.35E+02	10.8622	< 5.21E+00	>	1393.8
106d-B	300242917		2	0.49168	3.49E+02	10.40314	2.18E+02		12.7
107d-A	300242918	B-904/S10	1	0.5052	3.44E+02	10.56333	1.08E+01		645.1
107d-B	300242919		2	0.4956	3.49E+02	10.4262	1.24E+02		38.1
108d-A	300242920	B-913/S9	1	0.50772	3.65E+02	9.95321	2.73E+01		242.6
108d-B	300242921		2	0.49578	3.67E+02	9.91227	2.12E+02		14.6
109d-A	300242922	B-913/S10	1	0.50748	3.48E+02	10.43358	2.89E+01		227.2
109d-B	300242923		2	0.49326	3.49E+02	10.4204	6.29E+01		96.0
110d-A	300242924	B-917/S12	1	0.50349	3.21E+02	11.31748	1.03E+01		678.3
110d-B	300242925		2	0.50642	3.43E+02	10.60958	1.14E+01		608.5
111d-A	300242926	B-917/S14	1	0.49578	3.48E+02	10.45256	1.68E+02		22.5
111d-B	300242927		2	0.50864	3.52E+02	10.33356	2.16E+02		12.8
112d-A	300242928	B-917/S15	1	0.50599	3.54E+02	10.27948	9.76E+01		53.3
112d-B	300242929		2	0.49442	3.51E+02	10.34449	< 8.53E+00	>	840.8
113d-A	300242930	B-919/S8	1	0.50911	3.51E+02	10.3423	2.37E+01		280.9
113d-B	300242931		2	0.50075	3.38E+02	10.74782	1.41E+01		493.2
114d-A	300242932	B-920/S11	1	0.49225	3.07E+02	11.82516	< 1.59E+01	>	440.3

Tube #	ADS Sample ID	Boring/Sample #	Rep	Soil (g)	Initial Ni Spike Conc (DPM/mL)	Total Vol (mL)	Final Ni (DPM/mL)		Ni Kd (mL/g)
114d-B	300242933		2	0.49377	3.49E+02	10.41419	< 8.91E+00	>	804.9
115d-A	300242934	B-928/S7	1	0.50992	3.48E+02	10.42839	< 1.11E+01	>	621.6
115d-B	300242935		2	0.50942	3.35E+02	10.83748	2.89E+01		225.6
116d-A	300242936	B-929/S12	1	0.50463	3.42E+02	10.6295	7.72E+01		72.2
116d-B	300242937		2	0.50905	3.42E+02	10.63814	1.87E+02		17.3
117d-A	300242938	B931/S11	1	0.49728	3.44E+02	10.55767	< 1.43E+01	>	489.8
117d-B	300242939		2	0.49442	3.46E+02	10.50045	2.72E+01		249.0
118d-A	300242940	B932/S6	1	0.4908	3.36E+02	10.82264	1.29E+01		551.9
118d-B	300242941		2	0.50185	3.34E+02	10.86583	7.23E+00		979.9
119d-A	300242942	B951/S7	1	0.49177	3.53E+02	10.30551	< 8.11E+00	>	890.2
119d-B	300242943		2	0.50692	3.39E+02	10.71248	< 9.65E+00	>	721.8
120d-A	300242944	B-951/S9	1	0.50018	3.48E+02	10.44604	< 1.56E+01	>	444.8
120d-B	300242945		2	0.50935	3.31E+02	10.96661	< 8.00E+00	>	870.3
121d-A	300242946	Spike control	1	0		9.5564	3.97E+02		
121d-B	300242947		2	0		9.716	3.27E+02		
121d-C	300242948		3	0		9.67115	4.06E+02		
122d-A	300242949	Blank control	1	0		9.68463	< 4.80E+00		
122d-B	300242950		2	0		9.91739	< 8.20E+00		

APPENDIX E. CHAIN OF CUSTODY SHEETS FOR THE SOIL, ROCK AND GROUNDWATER SAMPLES

CHAIN OF CUSTODY RECORD
NORTH ANNA COL GEOLOGIC/GEOTECHNICAL EXPLORATION
MACTEC JOB NO. 6468-06-1472

No. 1

SAMPLE DESIGNATION	SAMPLE TYPE	TAKEN BY	DATE TAKEN	INTENDED USE	REMARKS
✓ B-901 S-5	JAR	C. Sawangpridi	7/12/07	Ship the samples in the original JAR back to SRNL	15.1 (2)
✓ B-901 S-8	JAR				32.2
✓ B-904 S10					33
✓ B-913 S-9					48.5
✓ B-913 S10					53.5
✓ B-917 S12					43.5
✓ B-917 S14					53.5
✓ B917 S15					58.5
✓ B-919 S-8					23.9
✓ B980 S-11					38.5
✓ B-928 S-7					18.2
✓ B-929 S-12					48
✓ B-931 S-11					53.8
✓ B-932 S-6					25

Relinquished by:	Date/Time	Received by:	Relinquished by:	Received by:	Date/Time
Chana Sawangpridi (signature)	7/12/07 2PM	Carla Black (signature)	(signature)	(signature):	7/16/07 09:00
Relinquished by: (signature)	Date/Time	Received by: (signature)	Relinquished by: (signature)	Received at Laboratory (signature)	Date/Time

Remarks: If relinquishing to a common carrier or Fed Ex – write freight bill or tracking number here. 7913-4157-6445

Sample's removed ~~from~~ From SP Raleigh lab's storage and send them back TO SRNL (original Samples) (2) Sample ID's lacked letter "S" from Sample Designation, but were otherwise Correct

Receiving Laboratory: Please return original form after signing for receipt of samples; keep copy for your records. Retain all portions of unused samples in labeled containers.

DCN No. _____

CHAIN OF CUSTODY RECORD
NORTH ANNA COL GEOLOGIC/GEOTECHNICAL EXPLORATION
MACTEC JOB NO. 6468-06-1472

No. 2

SAMPLE DESIGNATION	SAMPLE TYPE	TAKEN BY	DATE TAKEN	INTENDED USE	REMARKS
B-951 S7	JAR	C Savonapicki	7/12/07	Ship the original Samples back TO SWNL	19.5 (2)+(3)
B-51 S9	↓	↓	↓		29.9
B-949	CORE R3	T. Savonapicki	6/28/07	See attachments	66.4 (4)
B-951	CORE R5				61.
B-901	CORE R-20				112
B-901	CORE R-22	↓	↓	↓	120

Relinquished by:	Date/Time	Received by:	Relinquished by:	Received by:	Date/Time
Chana Savonapicki (signature)	7/12/07 2 PM	Carl Black (signature)	(signature)	(signature:	7/16/07 09:00
Relinquished by: (signature)	Date/Time	Received by: (signature)	Relinquished by: (signature)	Received at Laboratory (signature)	Date/Time

Remarks: If relinquishing to a common carrier or Fed Ex – write freight bill or tracking number here. 7913-4157-6445

See page ONE (1)

Original Samples (2) Sample ID on jar lacked letter "S" from Sample Designation, but otherwise was correct.

(3) Jar broken upon receipt. Contents uncompromised and transferred to new container. Original label saved.

(4) Core samples not received on this

Receiving Laboratory: Please return original form after signing for receipt of samples; keep copy for your records. Retain all portions of unused samples in labeled containers.

DCN No. _____

CHAIN OF CUSTODY RECORD
NORTH ANNA COL GEOLOGIC/GEOTECHNICAL EXPLORATION
MACTEC JOB NO. 6468-06-1472

No. NA 20

SAMPLE DESIGNATION	SAMPLE TYPE	TAKEN BY	DATE TAKEN (1)	INTENDED USE	REMARKS
B-949 66.6'-68.1'	Core	T. Savanapridi	6-28-07	Kd Testing by SRNL	(1) (2)
B-951 61.0'-62.5'	Core	↓	↓	↓	(1) (2)
B-901 118.5'-120.0'	Core				(1) (2)
B-901 112.0'-113.5'	Core				(1) (2)

Relinquished by: (signature)	Date/Time	Received by: (signature)	Relinquished by: (signature)	Received by: (signature:)	Date/Time
Tom Savanapridi	6/28/07 1:00PM	Carl Black			6/29/07 13:00
Relinquished by: (signature)	**Date/Time**	**Received by:** (signature)	**Relinquished by:** (signature)	**Received at Laboratory** (signature)	**Date/Time**

Remarks: If relinquishing to a common carrier or Fed Ex – write freight bill or tracking number here. 7902-8064-2323

(1) SAMPLES REMOVED FROM LAB STORAGE - SEE CofC NA-15 for lab receipt information

(2) Samples received - 2 pieces each for B-901, 118.5'-120.0'; B-901 112.0'-113.5' and B-951 61.0'-62.5'. 3 pieces for B-949 66.6'-68.1'

Receiving Laboratory: Please return original form after signing for receipt of samples; keep copy for your records. Retain all portions of unused samples in labeled containers.

Carl Black 6/29/07

DCN No. NACOL-237

CHAIN OF CUSTODY RECORD
NORTH ANNA COL GEOLOGIC/GEOTECHNICAL EXPLORATION
MACTEC JOB NO. 6468-06-1472

No. NA-19

SAMPLE DESIGNATION	SAMPLE TYPE	TAKEN BY	DATE TAKEN	INTENDED USE	REMARKS
Kd 01	Grab	TJW	10:46	GROUNDWATER FOR USE IN Kd TESTING	okay
Kd 02	Grab	TJW	10:46	GROUNDWATER FOR USE IN Kd TESTING	okay
Kd 03	Grab	TJW	10:47	GROUNDWATER FOR USE IN Kd TESTING	okay
Kd 04	Grab	TJW	10:47	GROUNDWATER FOR USE IN Kd TESTING	Receiving Cracked bottle
Kd 05	Grab	TJW	10:48	GROUNDWATER FOR USE IN Kd TESTING	okay
Kd 06	Grab	TJW	10:48	GROUNDWATER FOR USE IN Kd TESTING	okay

Relinquished by:	Date/Time	Received by:	Relinquished by:	Received by:	Date/Time
J. Joseph Walker (signature)	6-19-07 11:05	Carl Black (signature)	(signature)	(signature:	6-25-07 1500
Relinquished by:	**Date/Time**	**Received by:**	**Relinquished by:**	**Received at Laboratory**	**Date/Time**
(signature)		(signature)	(signature)	(signature)	

Remarks: If relinquishing to a common carrier or Fed Ex – write freight bill or tracking number here.

Receiving Laboratory: Please return original form after signing for receipt of samples; keep copy for your records. Retain all portions of unused samples in labeled containers.

DCN No. NACOL-236

APPENDIX F. M&TE Approval of Balance

Certificate of Calibration

Issued by

Savannah River Standards Laboratory

Westinghouse SRC, Building 736-A
Aiken, SC 29801

M & TE #:	IW-0105	**Cal Procedure:**	
Description:	BALANCE		BAL-CAL/11.4 (08/16/05)
Manufacturer:	SARTORIUS		
Model#:	R-200D		
Serial#:	30200365	**Cal Calculation:**	
Calibrated:	03/07/2007		N/A
Frequency:	12 Months		
Expires:	03/07/2008		

NIST Traceable Standard(s) used, (Expiration Date):
SL-407 (2/27/2011)

Print Specification: N/A
The estimated uncertainty (k=2) of the standard(s) and measurement process at SRSL is:
SEE ATTACHED

The measurements made on **IW-0105** were obtained at **23** +/- **2.0** °c and **24%** RH

CALIBRATION DATA FOR IW-0105

RUSH
Calibrate balance to IS0 17025 (NVLAP, A2LA, OR NIST).
SEE ATTACHED FOR BALANCE CALIBRATION
ONSITE CALIBRATION

THIS INSTRUMENT PASSED CALIBRATION. AS FOUND = AS LEFT.

The assigned uncertainty of the UUT as determined by tolerance test is:
SEE ATTACHED

Metrologist: D. R. SMITH D R Smith _____ _____ 3/12/07
Signature PR Init. Engr. Init.

Note 1: This certificate shall not be reproduced except in full without the advanced written approval of the SRSL.
Note 2: The 'as received' condition of the standard, set of standards, or measurement equipment described herein was as expected, unless otherwise noted in the body of the certificate.

IW-0105

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SRS Method

Analyst Information	
Calibrator Initials:	DRS
Calibrator ID #	w0894
Date:	3/7/2007
Balance Information	
Location	773A/B122 -
Unique ID Number	IW-0105
Manufacturer	Sartorius
MODEL#	R200D
Confidence Level	3-Stdev
QA Limit (%)	0.0100
Sen. Limit (g)	0.00060
1 Bal. Maint. SD	0.00020
Wt. Set Selection	SL-407

Function Tests	
Power	Pass
Load	Pass
Taring	Pass
P/NDisplay	Pass

Visual Inspection Parameters	
Damaged	Pass
Level	Pass
Clean	Pass
Complete	Pass

Cornerloading(g)	100
Position	Reading
Top	99.9996
Right	99.9996
Bottom	99.9997
Left	99.9996

Environmental Conditions			
	Before	After	Average
Temp (C)	24	24	24
Humidity (%)	24	24	24

	MEASUREMENTS (in grams)			
Stacking Information	High Wt(s).	Mid Wt(s).	Low Wt.	Sensitivity Wt.
High Weights(g)	200	100	50	1
200	199.9996	99.9997	50.0000	1.0000
No stacking	199.9996	99.9998	50.0000	1.0010
Mid-Weights(g)	199.9996	99.9997	50.0000	0.9999
100	199.9996	99.9997	50.0000	1.0000
No stacking	199.9996	99.9997	50.0000	1.0000

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QA BALANCE CERTIFICATION

Next Certification due date: 6-Mar-08

BalCal11v3 7/15/04

Minimum Quantities Calculations updated to match industry standards

Analyst Information	
Initials:	DRS
Calibrator ID #	w0894
Date:	3/7/2007

Balance Information	
Manufacturer	Sartorius
MODEL#	R200D
ID Number	IW-0105
Lab/Room#	773A/B122

Weight Set Information	
Expiration	02/20/11
Manufacturer	Troemner
Wt. Set ID	SL-407

Functionality	
Power	Pass
Load	Pass
Taring	Pass
P/NDisplay	Pass

Visual Inspection	
Damaged	Pass
Level	Pass
Clean	Pass
Complete	Pass

Statistics	High Wt(s).	Mid Wt(s).	Low Wt.	Minimal Wt.
AVERAGE	199.999600	99.999720	50.000000	1.000180
Bias (abs)	0.000183	0.000097	0.000059	0.000215
% Bias	0.000091	0.000097	0.000118	0.021538
% RSD	0.000000	0.000045	0.000000	0.046035
SD(abs)	0.000000	0.000045	0.000000	0.000460
Max SD	0.000238	0.000232	0.000231	0.000231
Calculated t	Not Significant	Not Significant	Not Significant	Not Significant
Pooled Abs. Std. Dev., 16 df =		0.000231	Tab. Chi Sq =	32.0
Tabled t, 16 df (99% Conf.) =		2.921	Cal. Chi Sq =	21.4
Tabled F, 2, 16 df (99% Conf.)=		6.23	F Statistic =	Not Significant

Bal./Wt.Uncertainty Ratio	
HighWt(s).	7.27273
MidWt(s).	34.78261
LowWt.	50.00000
Minimal Wt.	307.69231

Cornerloading	
Position	t-Statistic
Top	0.52
Right	0.52
Bottom	0.09
Left	0.52

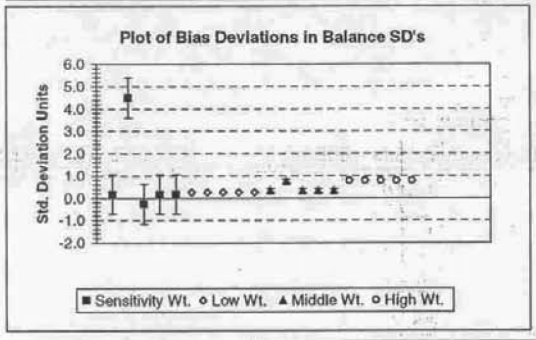
Total Uncertainty 95% CL, (K=2)	Grams	Percent
High Wt.	0.00051	0.00025%
Middle Wt.	0.00047	0.00047%
Low Wt.	0.00047	0.00093%
Minimal Wt.	0.00051	0.05103%

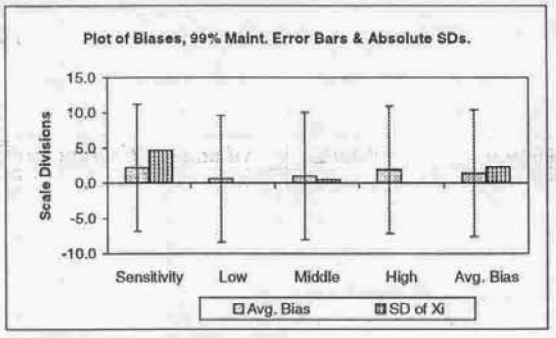
Control Limits	Mean Wt.	3 DEV'S	Low Limit	High Limit
High Wt.	199.9996	0.000713242	199.9988868	200.0003132
Middle Wt.	99.99972	0.000694752	99.99902525	100.0004148
Low Wt.	50	0.00069431	49.99930569	50.00069431
Minimal Wt.	1.00018	0.000693906	0.999486094	1.000873906

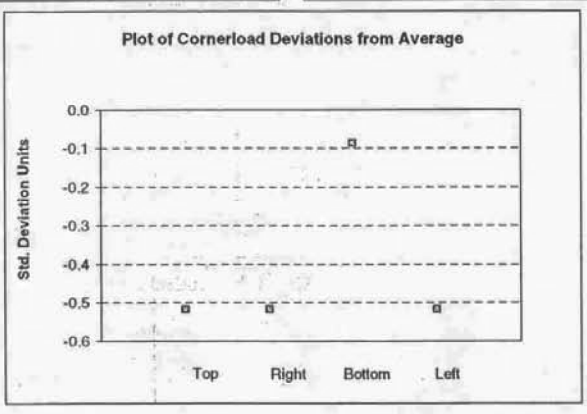
ACCEPTANCE CRITERIA	
Summary:	Balance passes QA Limits
Linearity(Bias)	Balance passes
Precision (SD)	Balance passes
Corner Loading	Balance passes
Disposition	AS LEFT = AS FOUND

9.8 grams minimum quantity that can be weighed to maintain QA Test Limits with 99.7% confidence

1.0 grams minimum quantity that can be weighed to maintain 3 Standard Deviation Limits @ 0.1% Tolerance per USP







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copy

Certificate of Calibration

Issued by

Savannah River Standards Laboratory

Westinghouse SRC, Building 736-A
Aiken, SC 29801

M & TE #: WP-550 **Cal. Procedure:** L10.1-301,REV.2

Description: WEIGHT SET,1MG-100G

Manufacturer: TROEMNER

Model#: N/A

Serial#: 53514

Calibrated: 08/08/2005

Frequency: 24 Months

Expires: 08/08/2007

NIST Traceable Standard(s) used, (Expiration Date):
SL-1005 (CBU), SL-749A (CBU), SL-20KGWTSET (04/21/08)

Print Specification: n/a
The estimated uncertainty (k=2) of the standard(s) and measurement process at SRSL is:
SEE ATTACHED DATA SHEET

The measurements made on **WP-550** were obtained at **23** +/- **2.0** °c and **33%** RH

CALIBRATION DATA FOR WP-550

SEE ATTACHED INSTRUMENT TEST REPORT FOR MEASUREMENT DATA

NOTE: CUSTODIAN REQUESTED TOLERANCE: NONE
NOTE: THE WEIGHT SET HAS MET CLASS 2 TOLERANCES PREVIOUSLY. THE WEIGHT SET MEETS CLASS 2 " EXCEPT" THE 20MG WEIGHT. IT MEETS CLASS 3.

THIS INSTRUMENT PASSED CALIBRATION. AS FOUND = AS LEFT

The assigned uncertainty of the UUT as determined by tolerance test is:
SEE ATTACHED SHEET

Metrologist: D. R. SMITH D R Smith ---------- Signature ---------- PR Init. ---------- JR 8/10/05 Engr. Init.

Note 1: This certificate shall not be reproduced except in full without the advanced written approval of the SRSL.
Note 2: The 'as received' condition of the standard, set of standards, or measurement equipment described herein was as expected, unless otherwise noted in the body of the certificate.

WP-550

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Mass Calibration Data Summary

Issued By

Savannah River Standards Laboratory

Westinghouse SRC, Building 736-A

Aiken, SC 29801

Calibration Serial No.	M&TE No.	Metrologist	Date
WP-550-2005001	WP-550	D Smith	08/08/2005
Tolerance Class			
ASTM 3			

Comments:

CUSTODIAN TOLERANCE REQUEST: NONE. THE WEIGHT SET HAS MET CLASS 2 TOLERANCES PREVIOUSLY. THE WEIGHT SET MEETS CLASS 2 "EXCEPT" THE 20MG WEIGHT. IT MEETS CLASS 3.

Uncertainties are calculated using the GUM method of RSS. They are reported at K=2, 95% Confidence. Standards used are 1 piece ASTM Class 0 Weights Calibrated at NIST 5/15/01.

Nom Wt	Wt # or Marking	True Mass	App. Mass at 8g/cc	Uncertainty (mg)	Density (g/cc)	Method
1 mg		1.011583330 mg	1.011285430 mg	0.0020	2.70	Comparison
2 mg		2.008920000 mg	2.008328400 mg	0.0020	2.70	Comparison
2 mg	*	2.010420000 mg	2.009827950 mg	0.0020	2.70	Comparison
5 mg		4.990903330 mg	4.989433570 mg	0.0021	2.70	Comparison
10 mg		9.990190000 mg	9.987248000 mg	0.0020	2.70	Comparison
20 mg		19.99070667 mg	19.98481963 mg	0.0020	2.70	Comparison
20 mg	*	19.99627333 mg	19.99038466 mg	0.0020	2.70	Comparison
50 mg		50.00707667 mg	50.01096334 mg	0.0020	16.60	Comparison
100 mg		100.0143592 mg	100.0221325 mg	0.0020	16.60	Double Substitution
200 mg		200.0054846 mg	200.0210295 mg	0.0020	16.60	Double Substitution
200 mg	*	200.0037489 mg	200.0192937 mg	0.0020	16.60	Double Substitution
500 mg		499.9703844 mg	500.0092433 mg	0.0020	16.60	Double Substitution
1 g		1.000033040 g	1.000033040 g	0.0026	8.00	Double Substitution
2 g		2.000031400 g	2.000031400 g	0.0026	8.00	Double Substitution
2 g	*	2.000019300 g	2.000019300 g	0.0026	8.00	Double Substitution
5 g		5.000008760 g	5.000008760 g	0.0031	8.00	Double Substitution
10 g		9.9999887 g	9.9999887 g	0.012	8.00	Double Substitution
20 g		19.999987 g	19.999987 g	0.013	8.00	Double Substitution
20 g	*	19.999987 g	19.999987 g	0.013	8.00	Double Substitution
50 g		49.999907 g	49.999907 g	0.016	8.00	Double Substitution
100 g		100.00002 g	100.00002 g	0.023	8.00	Double Substitution

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APPENDIX G. List of Equipment Used in Study

List of Equipment Used for North Anna Project

Instrument	Room	Building
#270 Sieve	C117	773A
#400 Sieve	C117	773A
XRD	C131	773A
XRF	C117	773A
BET Surface Area	C117	773A
Balance	B122	773A
Gamma Analyzer	B022	773A
ICP-MS	B054	773A

11/12/2007

APPENDIX H. Personnel Qualification

Table 20. Approval of personnel qualification working on North Anna Kd Project

Individuals	**Task**
Daniel Kaplan	Project Leader, Scientist
Carl Black	Kd Measurement, geochemistry measurements
Dave Diprete	gamma radiation measurements
David Missimer	
Art Jurgensen	XRD analysis
John Connelly	QA
Curtis	ICP-MS analysis

I approve that the above personnel are qualified to complete their respective tasks

8/8/2007

4.1 QUALIFICATIONS OF DAN KAPLAN

Savannah River National Laboratory, Aiken, SC 29808
Phone: 803/725-2363; Fax: 803/725-4707; daniel.kaplan@srnl.doe.gov

EDUCATION

Ph.D. Environmental Chemistry, University of Georgia 1993
M.S. Soil and Plant Science, University of New Hampshire 1983
B.S. Soil and Plant Science, University of New Hampshire 1977

EMPLOYMENT

1998 to Present. Research Fellow, Savannah River National Laboratory, Aiken, SC.
1993 to 1998. Senior Research Scientist, Transport Geochemistry. Pacific Northwest National Laboratory, Richland, WA.
1985 to 1993. Laboratory Technician, Biogeochemistry, University of Georgia, Savannah River Ecology Laboratory, Aiken, SC.
1983 to 1985 Laboratory Researcher. Molecular Biology/Genetic Engineering. Agracetus, Corporation, Middleton, WI

RESEARCH FOCUS

- Developing geochemical models for reactive transport codes
- Geochemical processes at the water/mineral interface
- Speciation and transport of radionuclide, especially as they related to the vadose zone
- Remediation: In-situ groundwater and soil remediation and monitored natural attenuation
- Nanoparticle and colloid chemistry

SELECTED PROFESSIONAL APPOINTMENTS and AWARDS

- 8 Patents or Pending Patents related to environmental remediation, analytical chemistry, & molecular biology
- Adjunct Professor: Washington State University and Clemson University

SELECTED PUBLICATIONS (10 of >80)

Kaplan, D. I., B. A. Powell, L. Gumapas, J. T. Coates, and R. A. Fjeld.. 2006. Influence of pH on Plutonium Deosportion /Solubilization from Sediment. **Environ. Sci. Technol.** (In press).

Kaplan, D. I., D. I. Demirkanli, L. Gumapas, B. A. Powell, R. A. Fjeld, F. J. Molz, and S. M. Serkiz. 2006. 11-Year Field Study of Pu Migration from Pu III, IV, and VI Sources. **Environ. Sci. Technol**. 40(2): 443-448.

Powell, B. A., Duff, M. C., Kaplan, D. I., Fjeld, R. A., Hunter, D. B., Bertsch, P. M., Eng, P., Newville, M., Rivers, M. L., Sutton, S. R., Triay, I. R., and Vaniman, D. T. 2006. Plutonium Oxidation and Subsequent Reduction by Mn(IV) Minerals in Yucca Mountain Tuff. **Environ Sci. Technol.** 40(11):3508-3514.

Kaplan, D. I., B. A. Powell, D. I. Demirkanli, R. A. Fjeld, F. J. Molz, S. M. Serkiz. 2004. Plutonium Mobility During Long-Term Transport Through an Unsaturated Subsurface Environment**. Environ. Sci. Technol**. 38:6016–6024.

Gamerdinger, A. P., and D. I. Kaplan. 2001. Physical and Chemical Determinants of Colloid Transport and Deposition in Water-Unsaturated Sand and Yucca Mountain Tuff. **Environ. Sci. Technol.** 35:2497-2504.

Powell, B. A., R. A. Fjeld, D. I. Kaplan, J. T. Coates, and S. M. Serkiz. 2005. $Pu(V)O_2^+$ Adsorption and Reduction by Synthetic Hematite (α-Fe_2O_3) and Goethite (α-FeOOH). **Environ. Sci. Technol.** 39:2107–2114.

Gamerdinger, A. P., D. I. Kaplan, and R. J. Serne. 2001. Two-region Flow Contributes to Rate-Limited Sorption of Uranium(VI) During Transport in an Unsaturated Silt Loam. **Water Resources Research** 37(12), 3147-3153.

Kaplan, D. I., P. M. Bertsch, and D. C. Adriano. 1995. Facilitated Transport of Metals Through an Acidified Coastal Plain Aquifer. **Ground Water** 33:708-717.

Kaplan, D. I., P. M. Bertsch, and K. A. Orlandini. 1994. Actinide Association with Groundwater Colloids as a Function of Distance from a Point Source. **Radiochimica Acta** 66/67:181-187.

Kaplan, D. I., D. B. Hunter, P. M. Bertsch, and D. C. Adriano. 1994. Application of Synchrotron X-Ray Fluorescence Spectroscopy and Energy Dispersive X-Ray to Identify Contaminant Metals on Groundwater Colloids. **Environ. Sci. Technol**. 28:1186-1189.

4.2 QUALIFICATIONS OF JOHN CONNELLY

John J. Connelly, PE, CM
Resume
Experience and Qualifications

Work Experience

1988 to Present: DuPont and Westinghouse/Washington Savannah River Company
Principal Quality Engineer in the Savannah River National Laboratory on the Department of Energy's Savannah River Site: Responsible for providing quality engineering services to assigned Savannah River National Laboratory (SRNL) organizations. Additional duties include the performance of audits, surveillances, and assessments on SNNL organizations. Provided QE services including: reviewing and approving task QA plans, task technical plans, procurement documents, nonconformance reports (NCRs), and corrective actions. Review and comment on site-level QA Manual and SRNL L1 Manual revisions. Interfacing with quality engineers, researchers and managers, as required, on QA matters. Assist in the training and qualification of auditors and lead auditors.

1974 to 1988: Gilbert Associates, Inc./Gilbert Commonwealth, Inc.
Lead Civil Quality Engineer and Lead Auditor on nuclear power plants during the construction phase. Performed oversight for owner utility of contractor's civil construction activities.

1972-1974: Stone & Webster Engineering Corporation.
Materials Testing Laboratory Supervisor over testing of civil construction materials on nuclear power plant under construction.

1970-1972: General Public Utilities.
Quality Assurance Engineer and Auditor. Provided owner's oversight of contractor's and designer's on-site civil activities.

1966-1970: United States Air Force

1966: NYC Board of Water Supply.
Civil Engineer. Provide surveying for water tunnel 900 feet under New York harbor.

Military

United States Air Force, Civil Engineering Officer, 4 years active duty (including Vietnam service) + 16 years Air National Guard in combat engineering squadron. Retired LTC.

Education:

- Bachelor of Civil Engineering, Manhattan College, 1966
- Graduate program for Master of Science in Engineering Management, University of Alabama Huntsville, not completed.

ASME Codes & Standards

Participant in ASME/ASTM Nuclear QA Standards development since 1971.

- Member & secretary of working groups of "daughter standards."
- Member of NQA subcommittees
- Vice Chair of SC on Applications
- Member, ASME NQA Main Committee

4.3 QUALIFICATIONS OF ART JURGENSEN

Completion Status	Course Code	Setting	Course Title	Completion Date
COMPLETED	LSGBR018	BRIEFING	SRNL GLOVEBOX MANAGEMENT PROGRAM	Oct 10, 2007
COMPLETED	LSGBR001	BRIEFING	PERFORM GLOVEBOX OPERATIONS	Sep 12, 2007
COMPLETED	SG152950	SELF-PACED	SRNL NUCLEAR MATERIAL CUSTODIAN TRAINING	Aug 31, 2007
COMPLETED	SG152951	SELF-PACED	SRNL ACCOUNTABLE MATERIAL HANDLER TRAINING	Aug 21, 2007
COMPLETED	SG152952	SELF-PACED	SRNL NUCLEAR CRITICALITY SAFETY TRAINING	Aug 21, 2007
COMPLETED	LSGEN056	CLASSROOM	SRNL R&D RWII RADCON PRACTICES REFRESHER (2007)	Aug 14, 2007
GRANTED EXCEPTION	LSATS008	PRACTICAL FACTORS	ANALYZE SAMPLE USING TGA-MS (U)	Jul 11, 2007
COMPLETED	TMME1305	SELF-PACED	ELECTRICAL HAZARDS AWARENESS BRIEFING	Jun 28, 2007
COMPLETED	LSGEN058	BRIEFING	L7.7, 1.06 & 1.07 PROCEDURE CHANGES	Jun 06, 2007
COMPLETED	LSCT0049	READ AND SIGN	RESPONSE TO RELEASE/ALARMS IN HTRL	May 03, 2007
COMPLETED	SLBE3013	BRIEFING	SRNL 3013 PROJECT BERYLLIUM & MEDICAL SURVEILLANCE	Mar 08, 2007
COMPLETED	LSMTD003	READ AND SIGN	USE OF DRAIN SYSTEMS DELTA TRAINING	Mar 06, 2007
COMPLETED	LSGEN048	READ AND SIGN	NUCLEAR MATERIAL CUSTODIAN DELTA TRAINING	Mar 04, 2007
COMPLETED	LSGEN049	READ AND SIGN	ACCOUNTABLE MATERIAL HANDLER DELTA TRAINING	Mar 04, 2007
COMPLETED	LSGEN050	READ AND SIGN	NUCLEAR CRITICALITY SAFETY DELTA TRAINING	Mar 04, 2007
COMPLETED	LSLST003	SELF-PACED	LAB STANDARD TRAINING REFRESHER FOR 2007	Mar 01, 2007
GRANTED EXCEPTION	LSATS009	PRACTICAL FACTORS	PERFORM SURFACE AREA MEASUREMENTS (U)	Feb 27, 2007
COMPLETED	LSGEN040	BRIEFING	REVISION TO DSA/TSR REV 4 FOR 3013 R&D ACTIVITIES	Feb 15, 2007
COMPLETED	LSCT0046	BRIEFING	RESPONSE TO ABNORMAL EVENTS	Feb 14, 2007
GRANTED EXCEPTION	LSADS013	ON-THE-JOB	SCANNING ELECTRON MICROSCOPE (SEM)	Feb 13, 2007
COMPLETED	TRGCAT07	SELF-PACED	CONSOLIDATED ANNUAL TRAINING 2007 (CAT)	Jan 22, 2007
COMPLETED	LSGEN037	BRIEFING	CONTROLLING FLAM. GASES & LIQ. IN RAD. GLOVEBOXES	Jan 17, 2007
COMPLETED	LSGEN034	BRIEFING	SRNL R&D BRIEF ON WORK PLANNING & CONTROL FOR EMPL	Jan 16, 2007
COMPLETED	LSGEN031	READ AND SIGN	VESSEL PROCUREMENT	Oct 05, 2006
COMPLETED	LSGEN029	READ AND SIGN	R&D RQMTS FOR WORKING W/CLASS 1 FLAMMABLE LIQUID	Jul 27, 2006
COMPLETED	TMME1301	BRIEFING	ELECTRICAL HAZARD AWARENESS-NON-ELECTRICAL WORKERS	Jun 26, 2006
COMPLETED	LSHTS008	BRIEFING	HTRL ENVIRONMENTAL TRAINING	Jun 21, 2006
COMPLETED	LSGEN025	BRIEFING	TREATABILITY STUDY AWARENESS TRAINING	Jun 08, 2006
COMPLETED	LSGEN028	BRIEFING	MANUAL 8Q, PROCEDURE 15 ORGANIZATIONAL BRIEFING	Mar 29, 2006
COMPLETED	LSADS052	PRACTICAL FACTORS	HANDLE TREATABILITY SAMPLES	Mar 15, 2006

COMPLETED	LSHTS007	BRIEFING	HTRL FACILITY ACCESS TRAINING	Mar 08, 2006
COMPLETED	STGN0028	READ AND SIGN	CRC/ARC REQUIRED READING	Feb 07, 2006
COMPLETED	LSLST003	SELF-PACED	LABORATORY STANDARD REFRESHER TRNG. (2006)	Feb 06, 2006
COMPLETED	TRGCAT06	SELF-PACED	CONSOLIDATED ANNUAL TRAINING 2006 (CAT)	Jan 09, 2006
COMPLETED	QHRG0400	SELF-PACED	RADIOLOGICAL WORKER 2 SELF-STUDY	Dec 21, 2005
COMPLETED	LSGEN024	CLASSROOM	R&D ARW RADCON PRACTICES REFRESHER (2005)	Nov 16, 2005
COMPLETED	LSGEN016	SELF-PACED	PRESSURE PROTECTION PRACTICES	Oct 06, 2005
COMPLETED	LSGEN020	BRIEFING	R&D PROCEDURE COMPLIANCE	Oct 06, 2005
COMPLETED	SG152904	SELF-PACED	SRNL R&D COMPRESSED GAS CYLINDER TRAINING	Sep 28, 2005
GRANTED EXCEPTION	LSADS010	JOB PERFORMANCE MEASURE	X-RAY DIFFRACTION	Aug 29, 2005
COMPLETED	TRWG5203	PRACTICAL ASSESSMENT	RADIATION INSTRUMENTATION & MONITORING	Apr 12, 2005
COMPLETED	TRWG5204	PRACTICAL ASSESSMENT	BETA-GAMMA CONTAMINATION INSTRUMENTATION & MONITOI	Apr 12, 2005
COMPLETED	TRWG5205	PRACTICAL ASSESSMENT	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	Apr 12, 2005
COMPLETED	STGN0016	READ AND SIGN	HANFORD TREATABILITY STUDY - MATERIAL HANDLING, MO	Mar 28, 2005
COMPLETED	LSLST003	SELF-PACED	LAB STANDARD REFRESHER FOR 2005	Mar 23, 2005
COMPLETED	LSWPT001	CLASSROOM	RPP TREATABILITY STUDY AND RESIDUE MANAGEMENT OVER	Feb 02, 2005
COMPLETED	SG152950	SELF-PACED	SRNL NUCLEAR MATERIAL CUSTODIAN	Feb 01, 2005
COMPLETED	SG152951	SELF-PACED	SRNL ACCOUNTABLE MATERIAL HANDLER	Feb 01, 2005
COMPLETED	TRGCAT05	SELF-PACED	CONSOLIDATED ANNUAL TRAINING	Jan 21, 2005
GRANTED EXCEPTION	LSADS009	ON-THE-JOB	X-RAY FLUORESCENCE	Jul 28, 2004
GRANTED EXCEPTION	ST060017	ON-THE-JOB	CALIBRATE PIPETTE	Jul 28, 2004
GRANTED EXCEPTION	LSADS010	ON-THE-JOB	X-RAY DIFFRACTION	Jul 28, 2004
COMPLETED	TRGCAT04	SELF-PACED	CONSOLIDATED ANNUAL TRAINING	Jul 08, 2004
COMPLETED	LSGEN006	JOB PERFORMANCE MEASURE	SRTC ARW PRACTICES REFRESHER AND PROFICIENCY	Apr 22, 2004
COMPLETED	LSGEN006	CLASSROOM	SRTC ARW PRACTICE REFRESHER AND PROFICIENCY	Apr 21, 2004
COMPLETED	LSLST003	SELF-PACED	LAB STANDARD REFRESHER TRAINING	Mar 23, 2004
COMPLETED	LSMTD002	SELF-PACED	SUMMARY OF CHANGES TO SRTC DRAIN SYSTEM TRAINING	Jan 21, 2004
COMPLETED	STGN0022	SELF-PACED	DOE/RW-0333P QUALITY ASSURANCE REQUIREMENTS DOCUME	Jan 13, 2004
COMPLETED	QHRG0400	SELF-PACED	RADIOLOGICAL WORKER II SELF-STUDY	Dec 23, 2003
COMPLETED	TRWG5203	JOB PERFORMANCE MEASURE	RADIATION INSTRUMENTATION & MONITORING	Dec 17, 2003
COMPLETED	TRWG5204	JOB PERFORMANCE MEASURE	BETA-GAMMA CONTAMINTION INSTRUMENTATION & MONITORI	Dec 17, 2003
COMPLETED	TRWG5205	JOB PERFORMANCE MEASURE	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	Dec 17, 2003
COMPLETED	TRWG5204	CLASSROOM	BETA-GAMMA CONTAMINTION INSTRUMENTATION & MONITORI	Dec 04, 2003
COMPLETED	TRWG5205	CLASSROOM	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	Dec 04, 2003

COMPLETED	TRWG5203	CLASSROOM	RADIATION INSTRUMENTATION & MONITORING	Dec 03, 2003
COMPLETED	LSGEN005	CLASSROOM	L1, 2.32 RADIOLOGICAL WORK PRACTICES OVERVIEW	Oct 20, 2003
COMPLETED	TRGCAT03	SELF-PACED	CONSOLIDATED ANNUAL TRAINING	Jul 08, 2003
COMPLETED	STGN0024	READ AND SIGN	ENGINEERING CALCULATIONS	Jun 11, 2003
COMPLETED	CLGENFET	SELF-PACED	CLAB FACILITY ENTRANCE TRAINING	May 14, 2003
COMPLETED	LSLST003	SELF-PACED	LAB STANDARD REFRESHER FOR 2003 (TOXICS)	Apr 29, 2003
COMPLETED	LSGEN004	READ AND SIGN	FIRE SUPRESSION TRAINING FOR GLOVE BOX USERS	Mar 03, 2003
COMPLETED	SG152952	SELF-PACED	SRTC NUCLEAR CRITICALITY SAFETY TRAINING	Feb 27, 2003
COMPLETED	SG152950	SELF-PACED	SRTC NUCLEAR MATERIAL CUSTODIAN	Feb 17, 2003
COMPLETED	SG152951	SELF-PACED	SRTC ACCOUNTABLE MATERIAL HANDLER	Feb 10, 2003
COMPLETED	SE010402	SELF-PACED	SRTC WASTE GENERATOR - CBT	Nov 01, 2002
COMPLETED	SG152904	READ AND SIGN	COMPRESSED GAS CYLINDERS	Jul 09, 2002
COMPLETED	TRGCAT02	SELF-PACED	CONSOLIDATED ANNUAL TRAINING (CAT)	Jul 09, 2002
COMPLETED	LSLST002	SELF-PACED	LAB STANDARD REFRESHER 2002-HIGHLY TOXIC MATERIALS	Jun 13, 2002
COMPLETED	TRWG2002	READ AND SIGN	RWT REFRESHER TRAINING	May 06, 2002
COMPLETED	QRIS5007	CLASSROOM	BEHAVIOR BASED SAFETY TEAM SAFETY WORKSHOP (MOD 3)	Apr 25, 2002
COMPLETED	LSMTD001	SELF-PACED	SRTC DRAINS TRAINING	Apr 24, 2002
COMPLETED	STGN0003	SELF-PACED	SRTC LAB STANDARD ANNUAL REFRESHER TRAINING (U)	Dec 06, 2001
COMPLETED	QHRG0400	SELF-PACED/EXAMINATION	RADIOLOGICAL WORKER II SELF-STUDY	Dec 03, 2001
COMPLETED	QHRG0400	JOB PERFORMANCE MEASURE	RADIOLOGICAL WORKER II SELF STUDY TRAINING	Dec 03, 2001
COMPLETED	TICTS003	CLASSROOM	OJT TRAINER EVALUATOR	Aug 29, 2001
COMPLETED	TRGCAT01	SELF-PACED	CONSOLIDATED ANNUAL TRAINING	Jul 16, 2001
COMPLETED	STGN0022	READ AND SIGN	RW-0333P QUALITY ASSURANCE REQUIRED READING	May 15, 2001
COMPLETED	TFSHC024	SELF-PACED	HIGH LEVEL WASTE DWPF, FS HAZCOM	Mar 12, 2001
COMPLETED	TFSHC040	SELF-PACED	TSD CENTRAL LAB, OPS & MAINT, FS HAZCOM	Mar 12, 2001
COMPLETED	SG152950	BRIEFING	SRTC NUCLEAR MATERIAL CUSTODIAN INITIAL BRIEFING	Feb 07, 2001
COMPLETED	SG152951	BRIEFING	SRTC ACCOUNTABLE MATERIAL HANDLER INITIAL BRIEFING	Feb 07, 2001
COMPLETED	SG152952	BRIEFING	SRTC NUCLEAR CRITICALITY SAFETY TRNG INITIAL BRIEF	Feb 07, 2001
COMPLETED	STGN0037	WEB-BASED/EXAMINATION	SRTC CONSTANT AIR MONITORING (CAM) SYSTEM	Dec 19, 2000
COMPLETED	SE010402	WEB-BASED/EXAMINATION	SRTC WASTE GENERATOR	Nov 07, 2000
COMPLETED	HRD11000	SELF-PACED/CBT	JOB HAZARD ANALYSIS (COMPUTER BASED)	Aug 07, 2000
COMPLETED	STGN0003	SELF-PACED/CBT	SRTC LAB STANDARD ANNUAL REFRESHER TRAINING (U)	Jul 31, 2000
COMPLETED	TRGCAT00	WEB-BASED/EXAMINATION	CONSOLIDATED ANNUAL TRAINING	Jul 24, 2000
COMPLETED	HRDGV001	BRIEFING/SEMINAR	APRIL 2000 DIVERSITY STAND-DOWN	May 01, 2000
COMPLETED	SG152950	BRIEFING/SEMINAR	SRTC NUCLEAR MATERIAL CUSTODIAN INITIAL BRIEFING	Mar 27, 2000
COMPLETED	SG152952	BRIEFING/SEMINAR	SRTC NUCLEAR CRITICALITY SAFETY TRNG INITIAL BRIEF	Mar 27, 2000
COMPLETED	SG152951	BRIEFING/SEMINAR	SRTC ACCOUNTABLE MATERIAL HANDLER	Mar 27, 2000

			INITIAL BRIEFING	
COMPLETED	SE010401	CLASSROOM/LABORATORY	SRTC TECHNICAL AREA TRU WASTE HANDLER	Feb 22, 2000
COMPLETED	QHRG0400	JOB PERFORMANCE MEASURE	RADIOLOGICAL WORKER II SELF-STUDY TRAINING	Dec 02, 1999
COMPLETED	QSCL1601	READ AND SIGN	SITEWIDE SECURITY STANDDOWN	Aug 12, 1999
COMPLETED	QSCL1600	VIDEO CONFERENCE	SITEWIDE SECURITY STANDDOWN	Aug 03, 1999
COMPLETED	TREGCAT9	SELF-PACED	CONSOLIDATED ANNUAL TRAINING (CAT)	Jul 27, 1999
COMPLETED	STGN0016	READ AND SIGN	BNFL - I-WPT-003	Jun 28, 1999
COMPLETED	STVE0002	CLASSROOM	SYSTEMATIC INDUSTRIAL OPERATIONS SEMINAR (U)	Dec 16, 1998
COMPLETED	STGN0004	CLASSROOM	RW-0333P QUALITY ASSURANCE REQUIREMENTS AND DESCR	Nov 12, 1998
TESTOUT	SG152901	CLASSROOM	LOW LEVEL WASTE HANDLING & MINIMIZATION FOR WASTE	Sep 25, 1998
COMPLETED	STGN0007	SELF-PACED/EXAMINATION	SRTC NUCLEAR CRITICALITY SAFETY ANNUAL REFRESHER	Sep 23, 1998
COMPLETED	STGN0008	SELF-PACED/EXAMINATION	SRTC ACCOUNTABLE MATERIAL HANDLER ANNUAL REFRESHE	Sep 23, 1998
COMPLETED	LSADS011	BRIEFING/SEMINAR	ADS JOB SPECIFIC TRAINING FOR HANDLING SAMPLES CON	Aug 31, 1998
COMPLETED	TREGO13L	READ AND SIGN	HAZCOM: FACILITY-SPECIFIC TRNG-SRTC	Aug 19, 1998
COMPLETED	TREGCATB	WEB-BASED/EXAMINATION	CONSOLIDATED ANNUAL TRAINING (CAT)	Jul 28, 1998
COMPLETED	TMEE0300	CLASSROOM	SAFE PRACTCES ON OR NEAR ELECTRICAL CONDUCTORS	Jul 07, 1998
COMPLETED	HRD10923	CLASSROOM	TEAMWORK, THE KEY TO VALUING DIVERSITY	Jun 18, 1998
COMPLETED	QHRG0400	JOB PERFORMANCE MEASURE	RADIOLOGICAL WORKER II SELF-STUDY	Nov 05, 1997
COMPLETED	RGFGFEOS	SELF-PACED/EXAMINATION	QARD DOCUMENT AND SCIENTIFIC INVESTIGATIONS	Oct 16, 1997
COMPLETED	SG152980	SELF-PACED/CBT	SRTC TECHNICAL AREA FACILITY ACCESS TRAINING	Oct 14, 1997
COMPLETED	SG152951	CLASSROOM	SRTC NUCLEAR MATERIAL HANDLER	Sep 22, 1997
COMPLETED	SG152952	CLASSROOM	SRTC NUCLEAR CRITICALITY SAFETY TRAINING	Sep 22, 1997
COMPLETED	SG152954	CLASSROOM	WSRC GENERAL CRITICALITY	Sep 22, 1997
COMPLETED	TRWG1401	CLASSROOM	RADIATION GENERATING DEVICE OPERATOR	Sep 04, 1997
COMPLETED	TREGCAT7	SELF-PACED/CBT	CONSOLIDATED ANNUAL TRAINING	Jul 15, 1997
COMPLETED	TRWG9600	READ AND SIGN	RWT REFRESHER TRAINING	May 19, 1997
COMPLETED	QRCTS014	CLASSROOM	GLOVE CHANGEOUT	Apr 30, 1997
COMPLETED	V1000000	CLASSROOM	OFFSITE TRAINING	Aug 09, 1996
COMPLETED	TREGCAT6	SELF-PACED/CBT	CONSOLIDATED ANNUAL TRAINING	Jul 17, 1996
COMPLETED	SG152901	SELF-PACED/EXAMINATION	LOW LEVEL WASTE HANDLING & MINIMIZATION FOR WASTE	Jul 16, 1996
COMPLETED	QHRG0400	SELF-PACED/EXAMINATION	RADIOLOGICAL WORKER II SELF STUDY	Nov 29, 1995
COMPLETED	QHRG0400	JOB PERFORMANCE MEASURE	RADIOLOGICAL WORKER II SELF STUDY	Nov 29, 1995
COMPLETED	BIE94004	CLASSROOM/LABORATORY	INTERNET WORKSHOP - INTRODUCTION	Nov 01, 1995
COMPLETED	TICATB00	SELF-PACED/CBT	CONSOLIDATED ANNUAL TRAINING	Aug 09, 1995
COMPLETED	LEPBRF94	READ AND SIGN	1994 SRTC EP BRIEFING	Nov 23, 1994
COMPLETED	SS152900	CLASSROOM	LOW LEVEL WASTE HANDLING & MINIMIZATION	Nov 18, 1994
COMPLETED	QRIH1200	CLASSROOM	OSHA'S LAB STANDARD TRAINING	Nov 10, 1994
COMPLETED	TICATA00	CHALLENGE/COMPREHENSIVE EXAM	CAT CHALLENGE/COMPETENCY TEST	Jul 15, 1994

COMPLETED	TICTOSHA	READ AND SIGN	OSHA INDIVIDUAL ASSESSMENT, ETP COMPLETED	Feb 02, 1994
COMPLETED	QRIS1100	CLASSROOM	OSHA TRAINING TOPICS	Dec 31, 1993
COMPLETED	QRIS1200	CLASSROOM	REQUIRED TRAINING TOPICS	Dec 31, 1993
COMPLETED	QSED1293	CLASSROOM	1993 ANNUAL SECURITY REFRESHER BRIEFING	Oct 10, 1993
COMPLETED	ES221013	CLASSROOM	CONDUCT OF ENGINEERING & TECHNICAL SUPPORT (E7)	Sep 30, 1993
COMPLETED	QHRG0000	CLASSROOM/LABORATORY	RWT LEVEL II CHALLENGE	Sep 10, 1993
COMPLETED	TRSGETCN	SELF-PACED/CBT	CONTINUING GENERAL EMPLOYEE TRAINING	May 18, 1993
COMPLETED	NMMG0009	CLASSROOM	WESTINGHOUSE PRINCIPLES OF OPERATIONS	Feb 05, 1993
COMPLETED	LNRVH058	CLASSROOM/LABORATORY	VMS UTILITIES AND COMMANDS I	Oct 30, 1992
COMPLETED	QHRC0000	CLASSROOM/LABORATORY	RADIATION WORKER TRAINING - NMP/SRTC/RM PRACTICAL	Oct 21, 1991
COMPLETED	QHRA0000	CLASSROOM	RADIATION WORKER TRAINING - CORE	Oct 18, 1991
COMPLETED	TRSGETC1	CLASSROOM	GENERAL EMPLOYEE TRAINING COMMON	May 29, 1991

4.4 QUALIFICATIONS OF DAVE DIPRETE

Course Code	Course Title	Setting	Revision	Class Status	Completion Date
V1000000	10TH ANNUAL CONF ON MODERN TRENDS IN ACTIVATION	Offsite		COMPLETED	null
V1000000	37TH ORNL-DOE CONF. ANAL. CHEM	Offsite		COMPLETED	null
V1000000	43RD BIOASSAY,ANALYTICAL. & RADIOCHEMISTRY	Offsite		COMPLETED	null
V1000000	46TH ANNUAL CONF BIOASSAY,ENVIRON,& ANALYTICAL RAD	Offsite		COMPLETED	null
V1000000	ACS 220TH NATIONAL MEETING	Offsite		COMPLETED	null
V1000000	49TH ANNUAL RADIOBIOASSAY & RADIOCHEMICAL MEASUREM	Offsite		COMPLETED	null
V1000000	47TH ANNUAL CONF BIOASSAY,ANALYTICAL,&ENVIROMENTAL	Offsite		COMPLETED	null
V1000000	44TH ANNUAL BIOASSAY, ANALYTICAL & ENV. CHEM CONF.	Offsite		COMPLETED	null
V1000000	AMERICAN CHEMICAL SOCIETY NATIONAL MEETING	Offsite		COMPLETED	null
V1000000	TWELFTH SYMP ON SEPARATION SCIENCE & TECH ENERGY	Offsite		COMPLETED	null
V1000000	TSA CLASS FOR SLD PROGRAM	Offsite		COMPLETED	null
V1000000	NUCLEAR CHEMISTRY AND THE SAVANNAH RIVER SITE	Offsite		COMPLETED	null
V1000000	METHODS AND APPLICATIONS OF RADIOANALYTICAL CHEM	Offsite		COMPLETED	null
V1000000	METHODS & APPLCIATIONS OF RADIOANALYTICAL CHEMISTR	Offsite		COMPLETED	null
TMME1305	ELECTRICAL HAZARDS AWARENESS BRIEFING	SP	00	COMPLETED	02-Jul-2007
LSGEN058	L7.7, 1.06 & 1.07 PROCEDURE CHANGES	BR	00	COMPLETED	07-Jun-2007
XTMGTTAV	TRITIATED WATER ANALYSIS AND SOLIDIFICATION	BR	00	COMPLETED	16-May-2007
TMEE3050	SAFE PRACTICE ON OR NEAR ELECTRICAL CONDUCTORS	SP	04	COMPLETED	30-Apr-2007
HPSSRC11	HEALTH PHYSICS ASPECTS OF HOMELAND SECUITY	BS	00	COMPLETED	20-Apr-2007
SLBE3013	SRNL 3013 PROJECT BERYLLIUM & MEDICAL SURVEILLANCE	BR	00	COMPLETED	08-Mar-2007
TRWG5203	RADIATION INSTRUMENTATION AND MONITORING	PA	02	COMPLETED	07-Mar-2007
TRWG5204	BETA-GAMMA INSTRUMENTATION AND MONITORING	PA	02	COMPLETED	07-Mar-2007
TRWG5205	ALPHA CONTAMINATION INSTRUMENTATION AND MONITOR	PA	02	COMPLETED	07-Mar-2007
LSGEN048	NUCLEAR MATERIAL CUSTODIAN DELTA TRAINING	RS	00	COMPLETED	04-Mar-2007
LSGEN049	ACCOUNTABLE MATERIAL HANDLER DELTA TRAINING	RS	00	COMPLETED	04-Mar-2007
LSGEN050	NUCLEAR CRITICALITY SAFETY DELTA TRAINING	RS	00	COMPLETED	04-Mar-2007
TREG0014	BLOODBORNE PATHOGEN ALTERNATE YEAR BRIEFING	SP	02	COMPLETED	28-Feb-2007
LSLST003	LAB STANDARD TRAINING REFRESHER FOR 2007	SP	04	COMPLETED	20-Feb-2007
LSCT0046	RESPONSE TO ABNORMAL EVENTS	BR	00	COMPLETED	14-Feb-2007
SG152951	SRNL ACCOUNTABLE MATERIAL HANDLER	SP	05	COMPLETED	13-Feb-2007
LSADS054	OPERATE B003 WATER FILTRATION SYSTEM	PF	00	GRANTED EXCEPTION	23-Jan-2007

TRGCAT07	CONSOLIDATED ANNUAL TRAINING 2007 (CAT)	SP	00	COMPLETED	23-Jan-2007
LSGEN034	SRNL R&D BRIEF ON WORK PLANNING & CONTROL FOR EMPL	BR	00	COMPLETED	18-Jan-2007
LSGEN037	CONTROLLING FLAM. GASES & LIQ. IN RAD. GLOVEBOXES	BR	00	COMPLETED	17-Jan-2007
HRDOD285	WSRC LEADERS FORUM	CR	00	COMPLETED	15-Nov-2006
LSGEN031	VESSEL PROCUREMENT	RS	00	COMPLETED	06-Oct-2006
LSADS052	HANDLE TREATABILITY SAMPLES	PF	01	COMPLETED	19-Sep-2006
TMEE6400	MINOR/EDITORIAL CHANGES TO 18Q-2	BR	00	COMPLETED	13-Sep-2006
LSGEN029	R&D RQMTS FOR WORKING W/CLASS 1 FLAMMABLE LIQUID	RS	00	COMPLETED	27-Jul-2006
QHRG0400	RADIOLOGICAL WORKER 2 SELF-STUDY	SP	17	COMPLETED	30-Jun-2006
TMME1300	ELECTRICAL HAZARD AWARENESS - ADMINISTRATIVE	BR	01	COMPLETED	30-Jun-2006
TMME1302	ELECTRICAL HAZARD AWARENESS-ELECTRICAL WORKERS	BR	01	COMPLETED	30-Jun-2006
TMME1301	ELECTRICAL HAZARD AWARENESS-NON-ELECTRICAL WORKERS	BR	01	COMPLETED	28-Jun-2006
LSGEN025	TREATABILITY STUDY AWARENESS TRAINING	BR	00	COMPLETED	08-Jun-2006
TMEE3050	SAFE PRACTICE ON OR NEAR ELECTRICAL CONDUCTORS	SP	04	COMPLETED	28-Apr-2006
LSADS052	HANDLE TREATABILITY SAMPLES	PF	00	COMPLETED	15-Mar-2006
TMEE6200	GENERAL REVISION BRIEFING PACKAGE	BR	00	COMPLETED	14-Mar-2006
TREG0013	BLOODBORNE PATHOGENS/FIRST AID/CPR	CR	05	COMPLETED	01-Mar-2006
TREG0013	BLOODBORNE PATHOGENS/FIRST AIT/CPR	JP	01	COMPLETED	01-Mar-2006
LSLST003	LABORATORY STANDARD REFRESHER TRNG. (2006)	SP	03	COMPLETED	24-Feb-2006
TRGCAT06	CONSOLIDATED ANNUAL TRAINING 2006 (CAT)	SP	00	COMPLETED	20-Jan-2006
LSGEN024	R&D ARW RADCON PRACTICES REFRESHER (2005)	CR	00	COMPLETED	14-Nov-2005
LSGEN016	PRESSURE PROTECTION PRACTICES	SP	00	COMPLETED	27-Sep-2005
QCSC0001	SOURCE CONTROL CUSTODIAN PROCEDURE UPDATE TRAINING	SP	00	COMPLETED	21-Sep-2005
LSGEN020	R&D PROCEDURE COMPLIANCE	BR	00	COMPLETED	01-Sep-2005
SSPOE002	ASSIGN COMPETENT PERSON (ACP) BRIEFING	SP	00	COMPLETED	01-Aug-2005
TRWG5203	RADIATION INSTRUMENTATION & MONITORING	PA	01	COMPLETED	26-May-2005
TRWG5204	BETA-GAMMA CONTAMINATION INSTRUMENTATION & MONITOI	PA	01	COMPLETED	26-May-2005
TRWG5205	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	PA	01	COMPLETED	26-May-2005
TMEE0300	SAFE PRACTICE ON OR NEAR ELECTRICA L CONDUCTORS	CR	05	COMPLETED	20-Apr-2005
TMEE2800	ELECTRICAL SYSTEMS SAFETY	CL	01	COMPLETED	12-Apr-2005
LSLST003	LAB STANDARD REFRESHER FOR 2005	SP	02	COMPLETED	24-Mar-2005
STGN0016	HANFORD TREATABILITY STUDY - MATERIAL HANDLING, MO	RS	03	COMPLETED	18-Mar-2005
LSWEM002	L1, 6.24 CHANGES: TRU RADIOACTIVE WASTE PROCEDURE	BR	00	COMPLETED	01-Mar-2005
SG152950	SRNL NUCLEAR MATERIAL CUSTODIAN	SP	05	COMPLETED	22-Feb-2005
SG152951	SRNL ACCOUNTABLE MATERIAL HANDLER	SP	05	COMPLETED	22-Feb-2005
SG152952	SRNL NUCLEAR CRITICALITY SAFETY TRAINING	SP	05	COMPLETED	22-Feb-2005
LSWPT001	RPP TREATABILITY STUDY AND RESIDUE MANAGEMENT OVER	CR	02	COMPLETED	03-Feb-2005
TRGCAT05	CONSOLIDATED ANNUAL TRAINING	SP	00	COMPLETED	26-Jan-2005
QRIS5008	BEHAVIOR BASED SAFETY BBS OBSERVER WORKSHOP(MOD 4)	CL	00	COMPLETED	19-Jan-2005

TRGCAT04	CONSOLIDATED ANNUAL TRAINING	SP	02	COMPLETED	09-Nov-2004
QRIH3030	LASER SAFETY FOR CLASS III & IV	CR	00	COMPLETED	27-Oct-2004
LSADS037	ANALYZE SAMPLE (ALPHA SPECTROSCOPY)	OJ	00	GRANTED EXCEPTION	16-Sep-2004
LSADS038	ANALYZE SAMPLE (GAS FLOW PROPORTIONAL COUNTER)	OJ	00	GRANTED EXCEPTION	16-Sep-2004
ST020045	PREPARE SAMPLE FOR LIQUID SCINTILLATION	OM	00	GRANTED EXCEPTION	16-Sep-2004
ST020051	PREPARE SAMPLE FOR TRITIUM ANALYSIS	OM	00	GRANTED EXCEPTION	16-Sep-2004
ST020053	ANALYZE SAMPLE (GAMMA SPECTROSCOPY)	OM	00	GRANTED EXCEPTION	16-Sep-2004
ST020065	PREPARE ALPHA PLANCHET	OM	00	GRANTED EXCEPTION	16-Sep-2004
ST020066	ANALYZE SAMPLE (LIQUID SCINTILLATION)	OM	00	GRANTED EXCEPTION	16-Sep-2004
ST020067	ANALYZE SAMPLE NEUTRON ACTIVATION ANALYSIS METHOD	OM	00	GRANTED EXCEPTION	16-Sep-2004
ST020068	PERFORM SOLVENT/SOLVENT EXTRACTION	OM	01	GRANTED EXCEPTION	16-Sep-2004
LSGEN007	SRTC JHA TRAINING	SP	00	COMPLETED	04-Aug-2004
QHRG0400	RADIOLOGICAL WORKER II SELF-STUDY	SP	16	COMPLETED	14-Jun-2004
TRWG5203	RADIATION INSTRUMENTATION & MONITORING	PA	01	COMPLETED	01-Apr-2004
TRWG5204	BETA-GAMMA CONTAMINATION INSTRUMENTATION & MONITOI	PA	01	COMPLETED	01-Apr-2004
TRWG5205	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	PA	01	COMPLETED	01-Apr-2004
LSGEN006	SRTC ARW PRACTICE REFRESHER AND PROFICIENCY	CR	00	COMPLETED	31-Mar-2004
LSLST003	LAB STANDARD REFRESHER TRAINING	SP	01	COMPLETED	24-Mar-2004
QRRP1001	NEGATIVE PRESSURE RESPIRATOR RETRAINING CHALLENGE	SP	01	COMPLETED	27-Feb-2004
TRPG4001	GENERAL RESPIRATORY RETRAINING	SP	01	COMPLETED	27-Feb-2004
LSMTD002	SUMMARY OF CHANGES TO SRTC DRAIN SYSTEM TRAINING	SP	00	COMPLETED	27-Jan-2004
STGN0022	DOE/RW-0333P QUALITY ASSURANCE REQUIREMENTS DOCUME	SP	02	COMPLETED	13-Jan-2004
TRGCAT03	CONSOLIDATED ANNUAL TRAINING	SP	00	COMPLETED	25-Nov-2003
LSGEN005	L1, 2.32 RADIOLOGICAL WORK PRACTICES OVERVIEW	CR	00	COMPLETED	28-Oct-2003
LSBMDV02	SRTC HUMAN PERFORMANCE - UNDERSTANDING RISK	CR	00	COMPLETED	10-Sep-2003
LSLST003	LAB STANDARD REFRESHER FOR 2003 (TOXICS)	SP	00	COMPLETED	26-Jun-2003
STGN0024	ENGINEERING CALCULATIONS	RS	00	COMPLETED	12-Jun-2003
TRWG5203	RADIATION INSTRUMENTATION & MONITORING	PA	00	COMPLETED	31-Mar-2003
TRWG5204	BETA-GAMMA CONTAMINATION INSTRUMENTATION & MONITOI	PA	00	COMPLETED	31-Mar-2003
TRWG5205	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	PA	00	COMPLETED	31-Mar-2003
LSGEN004	FIRE SUPRESSION TRAINING FOR GLOVE BOX USERS	RS	00	COMPLETED	03-Mar-2003
SG152950	SRTC NUCLEAR MATERIAL CUSTODIAN	SP	04	COMPLETED	28-Feb-2003
SG152951	SRTC ACCOUNTABLE MATERIAL HANDLER	SP	04	COMPLETED	27-Feb-2003
SG152952	SRTC NUCLEAR CRITICALITY SAFETY TRAINING	SP	04	COMPLETED	27-Feb-2003
STGN0022	DOE/RW-0333P QUALITY ASSURANCE REQUIREMENTS DOCUME	SP	01	COMPLETED	18-Feb-2003
QRRP1000	INITIAL NEGATIVE PRESSURE RESPIRATOR	CR	05	COMPLETED	13-Feb-2003

	TRAINING				
QRRP1000	INITIAL NEGATIVE PRESSURE RESPIRATOR TRAINING	JP	01	COMPLETED	13-Feb-2003
TRPG4000	GENERAL RESPIRATORY PROTECTION	CR	02	COMPLETED	13-Feb-2003
SE010402	SRTC WASTE GENERATOR - CBT	SP	01	COMPLETED	21-Nov-2002
TRGCAT02	CONSOLIDATED ANNUAL TRAINING (CAT)	SP	00	COMPLETED	01-Nov-2002
LSLST002	LAB STANDARD REFRESHER 2002-HIGHLY TOXIC MATERIALS	SP	00	COMPLETED	28-Jun-2002
QHRG0400	RADIOLOGICAL WORKER II SELF STUDY TRAINING	JP	09	COMPLETED	28-Jun-2002
QHRG0400	RADIOLOGICAL WORKER II SELF-STUDY	SE	14	COMPLETED	28-Jun-2002
LSMTD001	SRTC DRAINS TRAINING	SP	00	COMPLETED	23-Apr-2002
TRWG5203	RADIATION INSTRUMENTATION & MONITORING	PA	00	COMPLETED	01-Apr-2002
TRWG5204	BETA-GAMMA CONTAMINATION INSTRUMENTATION & MONITOI	PA	00	COMPLETED	01-Apr-2002
TRWG5205	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	PA	00	COMPLETED	01-Apr-2002
STGN0003	SRTC LAB STANDARD ANNUAL REFRESHER TRAINING (U)	SP	02	COMPLETED	28-Mar-2002
QRIS5007	BEHAVIOR BASED SAFETY TEAM SAFETY WORKSHOP (MOD 3)	CR	00	COMPLETED	14-Mar-2002
TICTS003	OJT TRAINER EVALUATOR	CR	03	GRANTED EXCEPTION	06-Mar-2002
SE010401	SRTC TECHNICAL AREA TRU WASTE HANDLER	SP	01	COMPLETED	15-Feb-2002
TRGCAT01	CONSOLIDATED ANNUAL TRAINING	SP	00	COMPLETED	12-Oct-2001
TRWG2001	RWT REFRESHER TRAINING	RS	00	COMPLETED	13-Sep-2001
SL090606	SRTC/TNX/AL RCRA SATELLITE AREAS	RS	06	COMPLETED	18-Jul-2001
STGN0022	RW-0333P QUALITY ASSURANCE REQUIRED READING	RS	00	COMPLETED	15-May-2001
TRWG5203	RADIATION INSTRUMENTATION & MONITORING	PA	00	COMPLETED	28-Mar-2001
TRWG5204	BETA-GAMMA CONTAMINATION INSTRUMENTATION & MONITOI	PA	00	COMPLETED	28-Mar-2001
TRWG5205	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	PA	00	COMPLETED	28-Mar-2001
STGN0003	SRTC LAB STANDARD ANNUAL REFRESHER TRAINING (U)	SC	00	COMPLETED	21-Mar-2001
SG152950	SRTC NUCLEAR MATERIAL CUSTODIAN INITIAL BRIEFING	BR	03	COMPLETED	06-Feb-2001
SG152951	SRTC ACCOUNTABLE MATERIAL HANDLER INITIAL BRIEFING	BR	03	COMPLETED	06-Feb-2001
SG152952	SRTC NUCLEAR CRITICALITY SAFETY TRNG INITIAL BRIEF	BR	03	COMPLETED	06-Feb-2001
STGN0028	CRC/ARC REQUIRED READING	RS	00	COMPLETED	11-Jan-2001
STGN0037	SRTC CONSTANT AIR MONITORING (CAM) SYSTEM	WE	00	COMPLETED	19-Dec-2000
SE010402	SRTC WASTE GENERATOR	WE	00	COMPLETED	06-Nov-2000
SE010417	L1 MANUAL 2.17/6.03 OVERVIEW	BR	00	COMPLETED	19-Oct-2000
TRGCAT00	CONSOLIDATED ANNUAL TRAINING	WE	00	COMPLETED	18-Oct-2000
QHRG0400	RADIOLOGICAL WORKER II SELF-STUDY TRAINING	JP	07	COMPLETED	31-Jul-2000
QHRG0400	RADIOLOGICAL WORKER II SELF-STUDY	SE	11	COMPLETED	31-Jul-2000
HRDGV001	APRIL 2000 DIVERSITY STAND-DOWN	BS	00	COMPLETED	19-Apr-2000
STGN0031	L7.7, PROCEDURE 1.07, INTERIM REV. 5 (U)	RS	00	COMPLETED	21-Oct-1999
TREGCAT9	CONSOLIDATED ANNUAL TRAINING (CAT)	SP	00	COMPLETED	14-Oct-1999
STGN0007	SRTC NUCLEAR CRITICALITY SAFETY ANNUAL REFRESHER	BS	00	COMPLETED	28-Sep-1999
STGN0008	SRTC ACCOUNTABLE MATERIAL HANDLER ANNUAL REFRESHE	BS	00	COMPLETED	28-Sep-1999

STGN0009	SRTC NUCLEAR MATERIAL CUSTODIAN ANNUAL REFRESHER	BS	00	COMPLETED	28-Sep-1999
STGN0003	SRTC LAB STANDARD ANNUAL REFRESHER TRAINING (U)	SC	00	COMPLETED	01-Sep-1999
QSCL1600	SITEWIDE SECURITY STANDDOWN	VC	00	COMPLETED	03-Aug-1999
QSCL1601	SITEWIDE SECURITY STANDDOWN	RS	01	COMPLETED	03-Aug-1999
QRCID208	SOURCE CONTROL CUSTODIAN TRAINING	CR	02	COMPLETED	12-Jul-1999
STGN0016	BNFL - I-WPT-003	RS	01	COMPLETED	28-Jun-1999
TRWG8000	F-CANYON OPERATOR INTAKE	VC	00	COMPLETED	24-Jun-1999
TICTS023	OJT CONTINUING TRAINING	CR	01	COMPLETED	03-Jun-1999
TMEE0300	SAFE PRACTCES ON OR NEAR ELECTRICAL CONDUCTORS	CR	01	COMPLETED	15-Apr-1999
TICTS023	OJT CONTINUING TRAINING	CR	01	EXEMPTION B	14-Apr-1999
TRWG5220	ARWT CORE SELF STUDY	JP	01	COMPLETED	10-Mar-1999
TRWG5220	ARWT CORE SELF STUDY	SE	01	COMPLETED	10-Mar-1999
STGN0015	RECEIPT OF SPECIAL NUCLEAR MATERIAL, MISSED SIGNA	RS	00	COMPLETED	16-Feb-1999
STGN0005	JOB HAZARDS ANALYSIS: HANDLING LEAD BRICKS AND OTH	RS	00	COMPLETED	28-Jan-1999
STVE0002	SYSTEMATIC INDUSTRIAL OPERATIONS SEMINAR (U)	CR	00	COMPLETED	15-Dec-1998
TRWG5200	ADVANCED RADIOLOGICAL WORKER TRAINING CORE	CR	01	GRANTED EXCEPTION	07-Dec-1998
TREGCATB	CONSOLIDATED ANNUAL TRAINING (CAT)	WE	00	COMPLETED	01-Dec-1998
STGN0010	SRTC NUCLEAR MATERIAL CUSTODIAN REQUIRED READING	RS	00	COMPLETED	24-Nov-1998
STGN0016	BNFL - I-WPT-003	RS	00	COMPLETED	26-Oct-1998
SG152901	LOW LEVEL WASTE HANDLING & MINIMIZATION FOR WASTE	CR	01	TESTOUT	29-Sep-1998
STGN0007	SRTC NUCLEAR CRITICALITY SAFETY ANNUAL REFRESHER	SE	00	COMPLETED	23-Sep-1998
STGN0008	SRTC ACCOUNTABLE MATERIAL HANDLER ANNUAL REFRESHE	SE	00	COMPLETED	23-Sep-1998
STGN0009	SRTC NUCLEAR MATERIAL CUSTODIAN ANNUAL REFRESHER	SE	00	COMPLETED	23-Sep-1998
LSADS011	ADS JOB SPECIFIC TRAINING FOR HANDLING SAMPLES CON	BS	00	COMPLETED	01-Sep-1998
TMEE2800	ELECTRICAL SYSTEMS SAFETY	CL	00	COMPLETED	07-Aug-1998
STGN0003	SRTC LAB STANDARD ANNUAL REFRESHER TRAINING (U)	SC	00	COMPLETED	31-Jul-1998
QHRG0400	RADIOLOGICAL WORKER II SELF-STUDY	JP	06	COMPLETED	14-Jul-1998
QHRG0400	RADIOLOGICAL WORKER II SELF-STUDY	SE	08	COMPLETED	14-Jul-1998
TRWG5200	ADVANCED RADIOLOGICAL WORKER TRAINING CORE	PA	00	COMPLETED	08-Jul-1998
HRD10923	TEAMWORK, THE KEY TO VALUING DIVERSITY	CR	00	COMPLETED	27-May-1998
STGN0002	SRTC ADVANCED RAD WORKER HANDOUT	BS	00	COMPLETED	27-May-1998
TICTS023	OJT TRAINER/EVALUATOR CONTINUING TRAINING	CR	00	COMPLETED	15-Apr-1998
SE010401	SRTC TECHNICAL AREA TRU WASTE HANDLER	CL	00	COMPLETED	24-Feb-1998
SG152980	SRTC TECHNICAL AREA FACILITY ACCESS TRAINING	SC	00	COMPLETED	04-Nov-1997
TRWG9700	RWT REFRESHER 1997, VOL. 2	RS	01	COMPLETED	04-Nov-1997
TREGCAT7	CONSOLIDATED ANNUAL TRAINING	SC	00	COMPLETED	14-Oct-1997
SG152950	SRTC NUCLEAR MATERIAL CUSTODIAN INITIAL BRIEFING	CR	00	COMPLETED	11-Sep-1997
SG152952	SRTC NUCLEAR CRITICALITY SAFETY TRAINING	CR	00	COMPLETED	11-Sep-1997
SG152954	WSRC GENERAL CRITICALITY	CR	00	COMPLETED	11-Sep-1997
SG152951	SRTC NUCLEAR MATERIAL HANDLER	CR	00	COMPLETED	04-Sep-1997
QRCTS014	GLOVE CHANGEOUT	CR	00	COMPLETED	23-Apr-1997
TRWG5200	ADVANCED RADIOLOGICAL WORKER TRAINING	JP	01	COMPLETED	19-Mar-1997

	CORE				
TRWG5200	ADVANCED RADIOLOGICAL WORKER TRAINING CORE	CR	01	COMPLETED	12-Dec-1996
TRWG5210	ADVANCED RAD WORKER TRAINING CORE PRE-TEST	CE	00	COMPLETED	07-Nov-1996
TREGCAT6	CONSOLIDATED ANNUAL TRAINING	SC	00	COMPLETED	30-Oct-1996
V1000000	QUALITY ASSURANCE IN RADIOCHEMISTRY	Offsite		COMPLETED	23-Oct-1996
QRCID208	SOURCE CONTROL	CR	01	COMPLETED	29-Aug-1996
V1000000	GAMMA-RAY SPECTROSCOPY FOR NUCLEAR MATR'LS ACCTNG	Offsite		COMPLETED	08-Aug-1996
QHRG0400	RADIOLOGICAL WORKER II SELF STUDY	JP	02	COMPLETED	22-Jul-1996
QHRG0400	RWT SELF STUDY - LEVEL II	SE	04	COMPLETED	22-Jul-1996
SG152901	LOW LEVEL WASTE HANDLING & MINIMIZATION FOR WASTE	CR	01	TESTOUT	09-Jul-1996
V1000000	41ST CONFERENCE ON BIOASSAY, ANALYTICAL & ENVIR	Offsite		COMPLETED	16-Nov-1995
TICATB00	CONSOLIDATED ANNUAL TRAINING	SC	00	COMPLETED	04-Oct-1995
QHRG2501	RWT REFRESHER 95 VOLUME I	SP	00	COMPLETED	27-Mar-1995
LEPBRF94	1994 SRTC EP BRIEFING	RS	00	COMPLETED	23-Nov-1994
SS152900	LOW LEVEL WASTE HANDLING & MINIMIZATION	CR	00	COMPLETED	18-Nov-1994
V1000000	US DOE SAFEGUARDS TECH TRNG PROGRAM	Offsite		COMPLETED	30-Sep-1994
QRIH1200	OSHA'S LAB STANDARD TRAINING	CR	00	COMPLETED	14-Sep-1994
QHRG0300	RWT LEVEL II FULL PRESENTATION	CL	04	COMPLETED	04-Aug-1994
TRSGETC2	INITIAL GENERAL EMPLOYEE TRAINING	CR	00	COMPLETED	27-Jul-1994

4.5 QUALIFICATIONS OF DAVE MISSIMER

Last Name	MISSIMER	First Name	DAVID	User ID	L3739	Org Code	LA200	Keyword		Status Code	A

Completion Status	Course Code	Setting	Course Title	Completion Date
COMPLETED	LSGBR018	BRIEFING	SRNL GLOVEBOX MANAGEMENT PROGRAM	Oct 10, 2007
COMPLETED	LSGEN056	CLASSROOM	SRNL R&D RWII RADCON PRACTICES REFRESHER (2007)	Oct 10, 2007
GRANTED EXCEPTION	LSADS022	JOB PERFORMANCE MEASURE	OPERATE THE MICROTRAC X-100 PARTICLE SIZE ANALYZER	Oct 01, 2007
GRANTED EXCEPTION	LSADS036	JOB PERFORMANCE MEASURE	OPERATING THE MICROTRAC S3000 PARTICLE SIZE ANALYZ	Oct 01, 2007
COMPLETED	LSGBR001	BRIEFING	PERFORM GLOVEBOX OPERATIONS	Sep 12, 2007
COMPLETED	LSGEN057	CLASSROOM	SRNL R&D ARW RADCON PRACTICES REFRESHER (2007)	Aug 15, 2007
COMPLETED	TMME1305	SELF-PACED	ELECTRICAL HAZARDS AWARENESS BRIEFING	Jul 16, 2007
COMPLETED	TMEE6100	READ AND SIGN	QUALIFIED ELECTRICAL WORKER	Jun 11, 2007
COMPLETED	TSUBMP02	SELF-PACED	SUBCONTRACT TECHNICAL REPRESENTATIVE TRAINING II	Jun 11, 2007
COMPLETED	LSGEN058	BRIEFING	L7.7, 1.06 & 1.07 PROCEDURE CHANGES	Jun 06, 2007
COMPLETED	LSCT0049	READ AND SIGN	RESPONSE TO RELEASE/ALARMS IN HTRL	May 03, 2007
COMPLETED	LSADS050	PRACTICAL FACTORS	DISPENSING OF LIQUID NITROGEN (LN2)	Apr 30, 2007
GRANTED EXCEPTION	ST020076	OJT/JOB PERFORMANCE MEASURE	ANALYZE SAMPLE (PARTICLE SIZING DISTRIBUTION)(MIC)	Apr 24, 2007
COMPLETED	LSMTD003	READ AND SIGN	USE OF DRAIN SYSTEMS DELTA TRAINING	Mar 12, 2007
COMPLETED	SLBE3013	BRIEFING	SRNL 3013 PROJECT BERYLLIUM & MEDICAL SURVEILLANCE	Mar 08, 2007
COMPLETED	LSLST003	SELF-PACED	LAB STANDARD TRAINING REFRESHER FOR 2007	Mar 06, 2007
COMPLETED	LSGEN048	READ AND SIGN	NUCLEAR MATERIAL CUSTODIAN DELTA TRAINING	Mar 04, 2007
COMPLETED	LSGEN049	READ AND SIGN	ACCOUNTABLE MATERIAL HANDLER DELTA TRAINING	Mar 04, 2007
COMPLETED	LSGEN050	READ AND SIGN	NUCLEAR CRITICALITY SAFETY DELTA TRAINING	Mar 04, 2007
GRANTED EXCEPTION	LSATS009	PRACTICAL FACTORS	PERFORM SURFACE AREA MEASUREMENTS (U)	Feb 27, 2007
COMPLETED	LSGEN040	BRIEFING	REVISION TO DSA/TSR REV 4 FOR 3013 R&D ACTIVITIES	Feb 15, 2007
COMPLETED	LSCT0046	BRIEFING	RESPONSE TO ABNORMAL EVENTS	Feb 14, 2007
COMPLETED	LSGEN037	BRIEFING	CONTROLLING FLAM. GASES & LIQ. IN RAD. GLOVEBOXES	Jan 17, 2007
COMPLETED	LSGEN034	BRIEFING	SRNL R&D BRIEF ON WORK PLANNING & CONTROL FOR EMPL	Jan 16, 2007
COMPLETED	TRGCAT07	SELF-PACED	CONSOLIDATED ANNUAL TRAINING 2007 (CAT)	Jan 12, 2007
COMPLETED	TMEE0300	CLASSROOM	SAFE PRACTICES ON OR NEAR ELECTRICAL CONDUCTORS	Dec 12, 2006
COMPLETED	TREG0014	SELF-PACED	BLOODBORNE PATHOGEN ALTERNATE YEAR BRIEFING	Dec 06, 2006
COMPLETED	SG152950	SELF-PACED	SRNL NUCLEAR MATERIAL CUSTODIAN	Nov 08, 2006
COMPLETED	SG152951	SELF-PACED	SRNL ACCOUNTABLE MATERIAL HANDLER	Nov 08, 2006

COMPLETED	SG152952	SELF-PACED	SRNL NUCLEAR CRITICALITY SAFETY TRAINING	Nov 08, 2006
COMPLETED	LSGEN031	READ AND SIGN	VESSEL PROCUREMENT	Oct 12, 2006
COMPLETED	V1000000	CLASSROOM	OFFSITE TRAINING	Sep 29, 2006
COMPLETED	LSADS052	PRACTICAL FACTORS	HANDLE TREATABILITY SAMPLES	Sep 19, 2006
COMPLETED	TMEE6400	BRIEFING	MINOR/EDITORIAL CHANGES TO 18Q-2	Sep 14, 2006
COMPLETED	TRWG5203	PRACTICAL ASSESSMENT	RADIATION INSTRUMENTATION & MONITORING	Aug 28, 2006
COMPLETED	TRWG5205	PRACTICAL ASSESSMENT	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	Aug 28, 2006
COMPLETED	TRWG5204	PRACTICAL ASSESSMENT	BETA-GAMMA CONTAMINATION INSTRUMENTATION & MONITOI	Aug 28, 2006
COMPLETED	LSGEN029	READ AND SIGN	R&D RQMTS FOR WORKING W/CLASS 1 FLAMMABLE LIQUID	Jul 28, 2006
COMPLETED	LSHTS008	BRIEFING	HTRL ENVIRONMENTAL TRAINING	Jul 18, 2006
COMPLETED	TMME1302	BRIEFING	ELECTRICAL HAZARD AWARENESS-ELECTRICAL WORKERS	Jul 17, 2006
COMPLETED	LSGEN025	BRIEFING	TREATABILITY STUDY AWARENESS TRAINING	Jun 08, 2006
COMPLETED	QHRG0400	SELF-PACED	RADIOLOGICAL WORKER 2 SELF-STUDY	Apr 06, 2006
COMPLETED	LSGEN028	BRIEFING	MANUAL 8Q, PROCEDURE 15 ORGANIZATIONAL BRIEFING	Mar 29, 2006
COMPLETED	TMEE6200	BRIEFING	GENERAL REVISION BRIEFING PACKAGE	Mar 14, 2006
COMPLETED	STGN0028	READ AND SIGN	CRC/ARC REQUIRED READING	Feb 07, 2006
COMPLETED	LSLST003	SELF-PACED	LABORATORY STANDARD REFRESHER TRNG. (2006)	Jan 24, 2006
COMPLETED	LSHTS007	BRIEFING	HTRL FACILITY ACCESS TRAINING	Jan 19, 2006
COMPLETED	TRGCAT06	SELF-PACED	CONSOLIDATED ANNUAL TRAINING 2006 (CAT)	Jan 04, 2006
COMPLETED	TREG0013	CLASSROOM	BLOODBORNE PATHOGENS/FIRST AID/CPR	Dec 14, 2005
COMPLETED	TREG0013	JOB PERFORMANCE MEASURE	BLOODBORNE PATHOGENS/FIRST AIT/CPR	Dec 14, 2005
COMPLETED	TMEE3050	SELF-PACED	SAFE PRACTICE ON OR NEAR ELECTRICAL CONDUCTORS	Nov 21, 2005
COMPLETED	LSGEN024	CLASSROOM	R&D ARW RADCON PRACTICES REFRESHER (2005)	Nov 16, 2005
COMPLETED	TSUBMP01	SELF-PACED	SUBCONTRACT MANAGEMENT PROGRAM TRAINING	Oct 14, 2005
COMPLETED	LSGEN020	BRIEFING	R&D PROCEDURE COMPLIANCE	Sep 01, 2005
GRANTED EXCEPTION	LSADS010	JOB PERFORMANCE MEASURE	X-RAY DIFFRACTION	Aug 29, 2005
COMPLETED	LSGEN016	SELF-PACED	PRESSURE PROTECTION PRACTICES	Aug 09, 2005
COMPLETED	SSPOE002	SELF-PACED	ASSIGN COMPETENT PERSON (ACP) BRIEFING	Jun 06, 2005
COMPLETED	STGN0016	READ AND SIGN	HANFORD TREATABILITY STUDY - MATERIAL HANDLING, MO	Mar 17, 2005
COMPLETED	LSWEM002	BRIEFING	L1, 6.24 CHANGES: TRU RADIOACTIVE WASTE PROCEDURE	Feb 09, 2005
COMPLETED	LSWPT001	CLASSROOM	RPP TREATABILITY STUDY AND RESIDUE MANAGEMENT OVER	Feb 03, 2005
COMPLETED	TMEE3050	SELF-PACED	SAFE PRACTICVE ON OR NEAR ELECTRICAL CONDUCTORS	Jan 25, 2005
COMPLETED	LSLST003	SELF-PACED	LAB STANDARD REFRESHER FOR 2005	Jan 12, 2005
COMPLETED	TMEE2850	SELF-PACED	ELECTRICAL SYSTEMS SAFETY WEB BASED	Jan 12, 2005
COMPLETED	TRGCAT05	SELF-PACED	CONSOLIDATED ANNUAL TRAINING	Jan 03, 2005
GRANTED EXCEPTION	LSADS014	JOB PERFORMANCE MEASURE	OPERATING THE MICROMERITICS ASAP 2010 SURFACE ARE	Nov 11, 2004

COMPLETED	SG152904	SELF-PACED	SRNL R&D COMPRESSED GAS CYLINDER TRAINING	Aug 27, 2004
COMPLETED	STGN0019	BRIEFING	LABORATORY INFORMATION MANAGEMENT SYS (LIMS V 4.1)	Aug 12, 2004
COMPLETED	TMEE2850	SELF-PACED	ELECTRICAL SYSTEMS SAFETY WEB BASE	Aug 11, 2004
GRANTED EXCEPTION	LSADS009	ON-THE-JOB	X-RAY FLUORESCENCE	Jul 28, 2004
GRANTED EXCEPTION	LSADS010	ON-THE-JOB	X-RAY DIFFRACTION	Jul 28, 2004
GRANTED EXCEPTION	ST060017	ON-THE-JOB	CALIBRATE PIPETTE	Jul 28, 2004
COMPLETED	QHRG0400	SELF-PACED	RADIOLOGICAL WORKER II SELF-STUDY	Apr 23, 2004
COMPLETED	LSGEN006	CLASSROOM	SRTC ARW PRACTICE REFRESHER AND PROFICIENCY	Mar 15, 2004
COMPLETED	LSGEN006	JOB PERFORMANCE MEASURE	SRTC ARW PRACTICES REFRESHER AND PROFICIENCY	Mar 15, 2004
COMPLETED	LSLST003	SELF-PACED	LAB STANDARD REFRESHER TRAINING	Jan 13, 2004
COMPLETED	LSLST003	SELF-PACED	LAB STANDARD REFRESHER FOR 2003 (TOXICS)	Jan 13, 2004
COMPLETED	LSMTD002	SELF-PACED	SUMMARY OF CHANGES TO SRTC DRAIN SYSTEM TRAINING	Jan 13, 2004
COMPLETED	TMEE0300	CLASSROOM	SAFE PRACTCES ON OR NEAR ELECTRICAL CONDUCTORS	Jan 07, 2004
COMPLETED	TRGCAT04	SELF-PACED	CONSOLIDATED ANNUAL TRAINING (CAT)	Jan 05, 2004
COMPLETED	STGN0022	SELF-PACED	DOE/RW-0333P QUALITY ASSURANCE REQUIREMENTS DOCUME	Dec 22, 2003
COMPLETED	TRWG5203	JOB PERFORMANCE MEASURE	RADIATION INSTRUMENTATION & MONITORING	Dec 05, 2003
COMPLETED	TRWG5205	JOB PERFORMANCE MEASURE	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	Dec 05, 2003
COMPLETED	TRWG5204	JOB PERFORMANCE MEASURE	BETA-GAMMA CONTAMINTION INSTRUMENTATION & MONITORI	Dec 05, 2003
COMPLETED	TRWG5204	CLASSROOM	BETA-GAMMA CONTAMINTION INSTRUMENTATION & MONITORI	Dec 04, 2003
COMPLETED	TRWG5205	CLASSROOM	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	Dec 04, 2003
COMPLETED	TRWG5203	CLASSROOM	RADIATION INSTRUMENTATION & MONITORING	Dec 03, 2003
COMPLETED	LSGEN005	CLASSROOM	L1, 2.32 RADIOLOGICAL WORK PRACTICES OVERVIEW	Oct 28, 2003
COMPLETED	LSWPT001	SELF-PACED	RPP TREATABILITY STUDY AND RESIDUE MANAGEMENT OVER	Sep 25, 2003
COMPLETED	STGN0024	READ AND SIGN	ENGINEERING CALCULATIONS	Jun 11, 2003
COMPLETED	LSGEN004	READ AND SIGN	FIRE SUPRESSION TRAINING FOR GLOVE BOX USERS	Mar 10, 2003
COMPLETED	TMEE3000	CLASSROOM	SAFE PRACTICES ON OR NEAR ELECTRICAL CONDUCTORS	Mar 06, 2003
COMPLETED	TRGCAT03	SELF-PACED	CONSOLIDATED ANNUAL TRAINING	Jan 03, 2003
COMPLETED	SE010402	SELF-PACED	SRTC WASTE GENERATOR - CBT	Nov 08, 2002
COMPLETED	SG152950	SELF-PACED	SRTC NUCLEAR MATERIAL CUSTODIAN	Nov 08, 2002
COMPLETED	SG152951	SELF-PACED	SRTC ACCOUNTABLE MATERIAL HANDLER	Nov 08, 2002
COMPLETED	SG152952	SELF-PACED	SRTC NUCLEAR CRITICALITY SAFETY TRAINING	Nov 08, 2002
COMPLETED	SG152904	READ AND SIGN	COMPRESSED GAS CYLINDERS	Jul 08, 2002
COMPLETED	LSLST002	SELF-PACED	LAB STANDARD REFRESHER 2002-HIGHLY TOXIC MATERIALS	Jun 10, 2002
COMPLETED	STGN0003	SELF-PACED	SRTC LAB STANDARD ANNUAL REFRESHER	May 22, 2002

			TRAINING (U)	
COMPLETED	QHRG0400	SELF-PACED/EXAMINATION	RADIOLOGICAL WORKER II SELF-STUDY	Apr 30, 2002
COMPLETED	QHRG0400	JOB PERFORMANCE MEASURE	RADIOLOGICAL WORKER II SELF STUDY TRAINING	Apr 30, 2002
COMPLETED	QRIS5007	CLASSROOM	BEHAVIOR BASED SAFETY TEAM SAFETY WORKSHOP (MOD 3)	Apr 16, 2002
COMPLETED	LSMTD001	SELF-PACED	SRTC DRAINS TRAINING	Apr 12, 2002
COMPLETED	SE010401	SELF-PACED	SRTC TECHNICAL AREA TRU WASTE HANDLER	Feb 07, 2002
COMPLETED	TRGCAT02	SELF-PACED	CONSOLIDATED ANNUAL TRAINING (CAT)	Jan 09, 2002
COMPLETED	LSWPT001	READ AND SIGN	RPP TREATABILITY STUDY EXTENSION	Oct 01, 2001
COMPLETED	STGN0016	READ AND SIGN	BNFL - I-WPT-003	Oct 01, 2001
COMPLETED	TICTS003	CLASSROOM	OJT TRAINER EVALUATOR	Aug 29, 2001
COMPLETED	STGN0003	SELF-PACED/CBT	SRTC LAB STANDARD ANNUAL REFRESHER TRAINING (U)	Jun 27, 2001
COMPLETED	TRWG2001	READ AND SIGN	RWT REFRESHER TRAINING	May 30, 2001
COMPLETED	STGN0022	READ AND SIGN	RW-0333P QUALITY ASSURANCE REQUIRED READING	May 21, 2001
COMPLETED	TREG0013	CLASSROOM	FIRST AID/CPR BLOODBORNE PATHOGENS	May 08, 2001
COMPLETED	TMEE3000	CHALLENGE/COMPREHENSIVE EXAM	SAFE PRACTICES ON OR NEAR ELECTRICAL CONDUCTORS	Jan 09, 2001
COMPLETED	TRGCAT01	SELF-PACED	CONSOLIDATED ANNUAL TRAINING	Jan 05, 2001
COMPLETED	STGN0037	WEB-BASED/EXAMINATION	SRTC CONSTANT AIR MONITORING (CAM) SYSTEM	Nov 30, 2000
COMPLETED	SE010308	SELF-PACED	SRTC ACCOUNTABLE MATERIAL HANDLER	Nov 10, 2000
COMPLETED	SE010309	SELF-PACED	SRTC NUCLEAR MATERIAL CUSTODIAN	Nov 10, 2000
COMPLETED	SE010402	WEB-BASED/EXAMINATION	SRTC WASTE GENERATOR	Nov 07, 2000
COMPLETED	HRD11000	SELF-PACED/CBT	JOB HAZARD ANALYSIS (COMPUTER BASED)	Aug 07, 2000
COMPLETED	QHRG0400	JOB PERFORMANCE MEASURE	RADIOLOGICAL WORKER II SELF-STUDY TRAINING	May 18, 2000
COMPLETED	HRDGV001	BRIEFING/SEMINAR	APRIL 2000 DIVERSITY STAND-DOWN	Apr 12, 2000
COMPLETED	SG152950	BRIEFING/SEMINAR	SRTC NUCLEAR MATERIAL CUSTODIAN INITIAL BRIEFING	Mar 27, 2000
COMPLETED	SE010401	CLASSROOM/LABORATORY	SRTC TECHNICAL AREA TRU WASTE HANDLER	Feb 22, 2000
COMPLETED	EE000199	CLASSROOM	BASIC RADIOCHEMISTRY	Feb 15, 2000
COMPLETED	TRGCAT00	WEB-BASED/EXAMINATION	CONSOLIDATED ANNUAL TRAINING	Jan 24, 2000
COMPLETED	STGN0034	READ AND SIGN	LABORATORY NOTEBOOKS AND LOGBOOKS (U)	Jan 05, 2000
COMPLETED	TRWG9900	READ AND SIGN	1999 RWT REFRESHER	Nov 23, 1999
COMPLETED	STGN0007	BRIEFING/SEMINAR	SRTC NUCLEAR CRITICALITY SAFETY ANNUAL REFRESHER	Oct 01, 1999
COMPLETED	STGN0008	BRIEFING/SEMINAR	SRTC ACCOUNTABLE MATERIAL HANDLER ANNUAL REFRESHE	Oct 01, 1999
COMPLETED	QSCL1601	READ AND SIGN	SITEWIDE SECURITY STANDDOWN	Aug 12, 1999
COMPLETED	QSCL1600	VIDEO CONFERENCE	SITEWIDE SECURITY STANDDOWN	Aug 10, 1999
COMPLETED	TRWG8000	VIDEO CONFERENCE	F-CANYON OPERATOR INTAKE	Jun 24, 1999
COMPLETED	TREGCAT9	SELF-PACED	CONSOLIDATED ANNUAL TRAINING (CAT)	Jan 18, 1999
COMPLETED	STVE0002	CLASSROOM	SYSTEMATIC INDUSTRIAL OPERATIONS SEMINAR (U)	Dec 16, 1998
COMPLETED	STGN0004	CLASSROOM	RW-0333P QUALITY ASSURANCE REQUIREMENTS AND DESCR	Nov 12, 1998
TESTOUT	SG152901	CLASSROOM	LOW LEVEL WASTE HANDLING & MINIMIZATION FOR WASTE	Sep 29, 1998

COMPLETED	STGN0007	SELF-PACED/EXAMINATION	SRTC NUCLEAR CRITICALITY SAFETY ANNUAL REFRESHER	Sep 24, 1998
COMPLETED	STGN0008	SELF-PACED/EXAMINATION	SRTC ACCOUNTABLE MATERIAL HANDLER ANNUAL REFRESHE	Sep 24, 1998
COMPLETED	LSADS011	BRIEFING/SEMINAR	ADS JOB SPECIFIC TRAINING FOR HANDLING SAMPLES CON	Aug 31, 1998
COMPLETED	TMEE2800	CLASSROOM/LABORATORY	ELECTRICAL SYSTEMS SAFETY	Aug 21, 1998
COMPLETED	TREGO13L	READ AND SIGN	HAZCOM: FACILITY-SPECIFIC TRNG-SRTC	Aug 19, 1998
COMPLETED	STGN0001	BRIEFING/SEMINAR	SRTC LAB TECHNICIAN HANDOUT	Aug 04, 1998
COMPLETED	HRD10923	CLASSROOM	TEAMWORK, THE KEY TO VALUING DIVERSITY	Jun 11, 1998
COMPLETED	TRWG0002	JOB PERFORMANCE MEASURE	RADIOLOGICAL WORKER II REMEDIAL	May 21, 1998
COMPLETED	BMMG0002	CLASSROOM	TACS FOR EXEMPT EMPLOYEES ON CLS	Feb 19, 1998
COMPLETED	TREGCATB	SELF-PACED/CBT	CONSOLIDATED ANNUAL TRAINING (CAT)	Jan 27, 1998
COMPLETED	SG152980	SELF-PACED/CBT	SRTC TECHNICAL AREA FACILITY ACCESS TRAINING	Oct 17, 1997
COMPLETED	SG152951	CLASSROOM	SRTC NUCLEAR MATERIAL HANDLER	Sep 22, 1997
COMPLETED	SG152954	CLASSROOM	WSRC GENERAL CRITICALITY	Sep 22, 1997
COMPLETED	SG152952	CLASSROOM	SRTC NUCLEAR CRITICALITY SAFETY TRAINING	Sep 22, 1997
COMPLETED	TRWG1401	CLASSROOM	RADIATION GENERATING DEVICE OPERATOR	Sep 04, 1997
COMPLETED	QRCTS014	CLASSROOM	GLOVE CHANGEOUT	Apr 21, 1997
COMPLETED	TRWG9700	READ AND SIGN	RWT REFRESHER TRAINING	Apr 04, 1997
COMPLETED	TREGCAT7	SELF-PACED/CBT	CONSOLIDATED ANNUAL TRAINING	Jan 20, 1997
TESTOUT	SG152901	SELF-PACED/EXAMINATION	LOW LEVEL WASTE HANDLING & MINIMIZATION FOR WASTE	Jul 30, 1996
COMPLETED	QHRG0400	SELF-PACED/EXAMINATION	RWT SELF STUDY - LEVEL II	May 20, 1996
COMPLETED	QHRG0400	JOB PERFORMANCE MEASURE	RADIOLOGICAL WORKER II SELF STUDY	May 20, 1996
COMPLETED	TREGCAT6	SELF-PACED/CBT	CONSOLIDATED ANNUAL TRAINING	Jan 18, 1996
COMPLETED	TREGGERT	SELF-PACED/CBT	GENERAL EMPLOYEE RADIOLOGICAL TRAINING (GERT)	Jan 18, 1996
COMPLETED	QHRG2501	SELF-PACED	RWT REFRESHER 95 VOLUME I	Mar 28, 1995
COMPLETED	TICATB00	CLASSROOM	CONSOLIDATED ANNUAL TRAINING	Jan 12, 1995
COMPLETED	LEPBRF94	READ AND SIGN	1994 SRTC EP BRIEFING	Nov 23, 1994
COMPLETED	SS152900	CLASSROOM	LOW LEVEL WASTE HANDLING & MINIMIZATION	Nov 16, 1994
COMPLETED	QRIH1200	CLASSROOM	OSHA'S LAB STANDARD TRAINING	Sep 14, 1994
COMPLETED	QRRP1400	CLASSROOM/LABORATORY	GENERAL AND NEG PRESSURE RESPIRATORY PROTECT TRNG	Jul 27, 1994
COMPLETED	BIE92103	CLASSROOM/LABORATORY	MAINFRAME OV/MAINFRAME	Mar 09, 1994
COMPLETED	TICTOSHA	READ AND SIGN	OSHA INDIVIDUAL ASSESSMENT, ETP COMPLETED	Feb 02, 1994
COMPLETED	TICATA00	CLASSROOM	CONSOLIDATED ANNUAL TRAINING	Jan 11, 1994
COMPLETED	QRIS1100	CLASSROOM	OSHA TRAINING TOPICS	Dec 31, 1993
COMPLETED	QRIS1200	CLASSROOM	REQUIRED TRAINING TOPICS	Dec 31, 1993
COMPLETED	QHRG2000	CLASSROOM	RWT REFRESHER - VOLUME I	Oct 11, 1993
COMPLETED	TQ003110	CLASSROOM	SEVEN BASIC HABITS OF HIGHLY EFFECTIVE PEOPLE	Sep 29, 1993
COMPLETED	QSED1293	CLASSROOM	1993 ANNUAL SECURITY REFRESHER BRIEFING	Aug 02, 1993
COMPLETED	QRRP1000	CLASSROOM/LABORATORY	SRS NEGATIVE PRESSURE RESPIRATOR TRAINING	Apr 06, 1993
COMPLETED	QRRP4000	CLASSROOM/LABORATORY	GENERAL RESPIRATORY PROTECTION	Apr 06, 1993

			TRAINING	
COMPLETED	QSCP3000	CLASSROOM	COMPUTER SECURITY AWARENESS TRAINING	Mar 18, 1993
COMPLETED	NMMG0013	CLASSROOM	PRINCIPLES OF OPERATIONS FOR OPERATORS	Jan 13, 1993
COMPLETED	QL012600	CLASSROOM/LABORATORY	CHEM TECH BASIC LAB SKILLS	Jul 31, 1992
COMPLETED	QHRF0000	CLASSROOM/LABORATORY	SELF MONITORING TRAINING	Jul 24, 1992
COMPLETED	QL012500	CLASSROOM/LABORATORY	CHEM TECH BASIC LAB SKILLS	Jul 17, 1992
COMPLETED	QL011000	CLASSROOM	CHEM TECH BASIC LAB ORIENTATION	May 01, 1992
COMPLETED	QHRC0000	CLASSROOM/LABORATORY	RADIATION WORKER TRAINING - NMP/SRTC/RM PRACTICAL	Apr 29, 1992
COMPLETED	QHRA0000	CLASSROOM	RADIATION WORKER TRAINING - CORE	Apr 27, 1992
COMPLETED	QQMA1010	CLASSROOM	WSRC QA ORIENTATION PROGRAM	Apr 16, 1992
COMPLETED	TRSGETC1	CLASSROOM	GENERAL EMPLOYEE TRAINING COMMON	Apr 09, 1992

4.6 QUALIFICATIONS OF JOHN CARL BLACK

Course Code	Course Title	Setting	Revision	Class Status	Completion Date
TMME1305	ELECTRICAL HAZARDS AWARENESS BRIEFING	SP	00	COMPLETED	27-Jun-2007
LSGEN058	L7.7, 1.06 & 1.07 PROCEDURE CHANGES	BR	00	COMPLETED	13-Jun-2007
QHRG0400	RADIOLOGICAL WORKER TRAINING 2 RETRAINING	SP	18	COMPLETED	18-May-2007
LSGEN049	ACCOUNTABLE MATERIAL HANDLER DELTA TRAINING	RS	00	COMPLETED	20-Mar-2007
LSGEN050	NUCLEAR CRITICALITY SAFETY DELTA TRAINING	RS	00	COMPLETED	20-Mar-2007
TRWG5203	RADIATION INSTRUMENTATION AND MONITORING	PA	02	COMPLETED	07-Mar-2007
TRWG5204	BETA-GAMMA INSTRUMENTATION AND MONITORING	PA	02	COMPLETED	07-Mar-2007
TRWG5205	ALPHA CONTAMINATION INSTRUMENTATION AND MONITOR	PA	02	COMPLETED	07-Mar-2007
LSMTD003	USE OF DRAIN SYSTEMS DELTA TRAINING	RS	00	COMPLETED	05-Mar-2007
LSCT0046	RESPONSE TO ABNORMAL EVENTS	BR	00	COMPLETED	15-Feb-2007
LSLST003	LAB STANDARD TRAINING REFRESHER FOR 2007	SP	04	COMPLETED	30-Jan-2007
TRGCAT07	CONSOLIDATED ANNUAL TRAINING 2007 (CAT)	SP	00	COMPLETED	11-Jan-2007
QRRP1001	NEGATIVE PRESSURE RETRAINING (U)	JP	01	COMPLETED	19-Dec-2006
TRPG4001	GENERAL/SUPERVISOR RESPIRATOR RETRAINING	SP	03	COMPLETED	19-Dec-2006
TMAD0022	MATERIALS OF TRADE TRAINING	CR	00	COMPLETED	05-Dec-2006
LSTRCT29	TRU WASTE TOOL HANDLING AND SAFE PRACTICES	BR	00	COMPLETED	16-Aug-2006
QRRP7000	RESPIRATORY PROTECTION ISSUANCE TRAINING (U)	SP	00	COMPLETED	14-Aug-2006
LSGEN029	R&D RQMTS FOR WORKING W/CLASS 1 FLAMMABLE LIQUID	RS	00	COMPLETED	02-Aug-2006
TREG0013	BLOODBORNE PATHOGENS/FIRST AID/CPR	CR	05	COMPLETED	28-Jun-2006
TREG0013	BLOODBORNE PATHOGENS/FIRST AIT/CPR	JP	01	COMPLETED	28-Jun-2006
TMME1301	ELECTRICAL HAZARD AWARENESS-NON-ELECTRICAL WORKERS	BR	01	COMPLETED	26-Jun-2006
LSTRCT20	MANAGEMENT REVIEW BRIEFING FROM 6/15/06 EVENT	BR	00	COMPLETED	15-Jun-2006
LSDR0031	SRNL TRU REPACKAGING CAM ALARM DRILL	DR	02	COMPLETED	22-May-2006
LSDRTQOE	DRT OPERATIONAL EVALUATION	OE	00	GRANTED EXCEPTION	22-May-2006
LSTRCT16	MONITORING WHEN EXITING GLOVEBOX GLOVES EXPECTATIO	BR	00	COMPLETED	09-May-2006
LSTRCT17	RESPONSE TO ABNORMAL CONDITIONS FOR RADCON	BR	00	COMPLETED	09-May-2006
LSTRCT21	EMERGENCY EXIT F-091	BR	00	COMPLETED	08-May-2006
LSTRCT22	REPORTING UNSAFE CONDITIONS	BR	00	COMPLETED	08-May-2006
LSTRCT23	REVIEW OF HEAT STRESS PROCEDURES IN 4Q MANUAL	BR	00	COMPLETED	08-May-2006
LSTRCT24	HAND AND FINGER PROTECTION	BR	00	COMPLETED	08-May-2006
LSTRCT26	WORK UNDERNEATH SUSPENDED LOAD	BR	00	COMPLETED	08-May-2006
LSTRCT27	GENERAL SITE SAFETY REQUIREMENTS	BR	00	COMPLETED	08-May-2006

LSTRCT28	BARRICADES	BR	00	COMPLETED	08-May-2006
LSTRU800	TRU WASTE DRUM REMEDIATION PROCESS LESSONS LEARNED	BR	00	COMPLETED	05-May-2006
LSTRCT15	TRU INSPECTION FORM CHANGES	BR	00	COMPLETED	04-May-2006
LSTRCT19	DRT DOSIMETRY AND PPE ADHERENCE	BR	00	COMPLETED	04-May-2006
LSDR0030	TRU PROCESS PHEX PRESSURE GAUGE READ DRUM LID REM	DR	00	COMPLETED	26-Apr-2006
LSTRCT14	SP-18-002 REVIEW OF REV. 1 CHANGES	BR	00	COMPLETED	21-Apr-2006
LSTRCT11	OPS S.O.: F091 TRU PROG. PROC. IMPLEMENTATION	BR	00	COMPLETED	12-Apr-2006
LSTRCT12	SRNL TRU GLOVEBOX REM. PROCESS LESSONS LEARNED	BR	00	COMPLETED	12-Apr-2006
LSDR0025	TRU WASTE GLOVE CONTAMINATION	DR	00	COMPLETED	11-Apr-2006
LSTRCT13	RCRA REVIEW/CONTINGENCY PLAN	BR	00	COMPLETED	11-Apr-2006
LSTRCT05	CHEMICAL HAZARD AWARENESS BRIEFING	BR	00	COMPLETED	10-Apr-2006
LSEP0005	TRU WASTE DRUMS DRILL (U)	DR	01	COMPLETED	07-Apr-2006
ZEAIXD01	SWMF E-AREA FACILITY ENETRY BRIEFING	BR	01	COMPLETED	07-Apr-2006
LSTRD300	DELTA TRU WASTE DRUM REMEDIATION PROCESS	BR	00	COMPLETED	03-Apr-2006
LSTRD301	DELTA TRU WASTE DRUM REMEDIATION PROCESS PRACFAC	PF	00	COMPLETED	03-Apr-2006
LSTRCT05	CHEMICAL HAZARD AWARENESS BRIEFING	BR	00	COMPLETED	30-Mar-2006
LSTRCT07	RADCON PRACTICES BRIEF	BR	00	COMPLETED	30-Mar-2006
LSTRCT09	INCOMPATIBLE MATERIALS IN GLOVEBOX	BR	00	COMPLETED	30-Mar-2006
LSTRCT10	LCOS 3.2.6/3.2.7 REVIEW WITH TRU TEAM	BR	00	COMPLETED	28-Mar-2006
LSCT0D20	TRU DRUM ALARM RESPONSE AND AOPS	BR	00	COMPLETED	23-Mar-2006
LSDR0031	SIMULATED TRU PROCESS CAM ALARM	DR	00	COMPLETED	23-Mar-2006
LSEP0005	TRU WASTE DRUMS DRILL (U)	DR	01	COMPLETED	23-Mar-2006
LSOPS0D4	DELTA JCO BRIEFING FOR DRTS & RCO	BR	00	COMPLETED	23-Mar-2006
LSDR0028	SIMULATED TRU PROCESS GLOVEBOX DROP IN FLOW	DR	00	COMPLETED	20-Mar-2006
LSTRCT04	DOFFING AND POTENTIAL CONTAMINATION ACTIONS	BR	00	COMPLETED	15-Mar-2006
LSTRCT08	POSTED SIGNAGE	BR	00	COMPLETED	15-Mar-2006
LSDR0030	TRU PROCESS PHEX PRESSURE GAUGE READ DRUM LID REM	DR	00	COMPLETED	14-Mar-2006
LSTRCT02	USE OF SAFETY GLASSES DURING TRU WASTE OPERATIONS	BR	00	COMPLETED	14-Mar-2006
LSTRCT03	DRUM HANDLING SAFETY	BR	00	COMPLETED	14-Mar-2006
LSWEM004	TRU REMEDIATION AREA INSPECTION BRIEFING	BR	00	COMPLETED	13-Mar-2006
LSDR0023	TRU REPACKAGING WASTE LIQUID SPILL	DR	00	COMPLETED	08-Mar-2006
LSTRCT01	RESPONSE TO ABNORMAL EVENTS	BR	00	COMPLETED	01-Mar-2006
LSTRU700	CONDUCT OF OPERATIONS TRAINING FOR TRU WASTE WORK	BR	00	COMPLETED	28-Feb-2006
LSTRU600	FIRE PROTECTION TRAINING FOR TRU WASTE WORKERS	BR	00	COMPLETED	27-Feb-2006
LSCT0011	PROCEDURE COMPLIANCE	BR	00	COMPLETED	23-Feb-2006
LSDR0030	TRU PROCESS PHEX PRESSURE GAUGE READ DRUM LID REM	CR	00	COMPLETED	15-Feb-2006
LSDR0028	SIMULATED TRU PROCESS GLOVEBOX DROP IN FLOW	DR	00	COMPLETED	13-Feb-2006
LSTRU301	TRU WASTE DRUM REMEDIATION PROCESS PRACFAC	PF	00	COMPLETED	06-Feb-2006

LSDR0025	TRU WASTE GLOVE CONTAMINATION	DR	00	COMPLETED	02-Feb-2006
LSTRU101	PREPARE/REPLACE GLOVES AND BAGS ON GLOVEBOXES	PF	00	COMPLETED	23-Jan-2006
LSTRU401	OPERATING THE RAMAN SPECTROMETER PRACFAC	PF	00	COMPLETED	19-Jan-2006
LSDR0027	TRU WASTE SUSPECT DRUM F-091	DR	00	COMPLETED	17-Jan-2006
LSLST003	LABORATORY STANDARD REFRESHER TRNG. (2006)	SP	03	COMPLETED	17-Jan-2006
LSTRU300	TRU WASTE DRUM REMEDIATION PROCESS	BR	00	COMPLETED	09-Jan-2006
TRGCAT06	CONSOLIDATED ANNUAL TRAINING 2006 (CAT)	SP	00	COMPLETED	03-Jan-2006
LSDR0023	TRU REPACKAGING WASTE LIQUID SPILL	DR	00	COMPLETED	28-Dec-2005
LSDR0025	TRU WASTE GLOVE CONTAMINATION	DR	00	COMPLETED	28-Dec-2005
LSDR0024	TRU WASTE SUSPECT DRUM	DR	00	COMPLETED	27-Dec-2005
SL090012	MONITOR THE BREATHING AIR MANIFOLD (U)	PF	02	COMPLETED	21-Dec-2005
TRPG2000	INITIAL PLASTIC SUIT AND HOOD AIRLINE RESPIRATOR	CR	03	COMPLETED	20-Dec-2005
TRPG2000	INITIAL PLASTIC SUIT AND HOOD AIRLINE RESPIRATOR	JP	02	COMPLETED	20-Dec-2005
LSCT0020	TRU DRUM ALARM RESPONSE & ABNORMAL OPERATING PROC.	BR	00	COMPLETED	16-Dec-2005
LSOPS004	SRNL JUSTIFICATION FOR CONTINUED OPERATION (JCO)	BR	00	COMPLETED	16-Dec-2005
LSTRU201	TRU WASTE DRUM INSPECTION AND HANDLING PRACFAC	PF	00	COMPLETED	15-Dec-2005
LSTRU100	TRU WASTE DRUM REMEDIATION OPERATION IN SRNL	CR	00	COMPLETED	14-Dec-2005
SE010425	PREPARE TRU WASTE CONTAINERS FOR SHIPMENT	PF	00	COMPLETED	14-Dec-2005
LSTRU200	TRU WASTE DRUM INSPECTION AND HANDLING TECHNIQUES	BR	00	COMPLETED	13-Dec-2005
LSTRU400	RAMAN SPECTROMETER BRIEFING	BR	00	COMPLETED	07-Dec-2005
QRRP1001	NEGATIVE PRESSURE RETRAINING (U)	JP	01	COMPLETED	06-Dec-2005
LSGEN004	FIRE SUPPRESSION SYS TRNG FOR GLOVEBOX AND ILC USE	RS	01	COMPLETED	05-Dec-2005
SE010425	PREPARE TRU WASTE CONTAINERS FOR SHIPMENT	OJ	01	COMPLETED	05-Dec-2005
LSTRU302	OPERATE TORQUE WRENCH PRACFAC	PF	00	COMPLETED	30-Nov-2005
TRPG4001	GENERAL RESPIRATORY RETRAINING	SP	02	COMPLETED	18-Nov-2005
QREP2000	24 HR. HAZARDOUS WASTE SAFETY & HEALTH TRAINING	CR	02	COMPLETED	17-Nov-2005
QREP2000	24 HR. HAZARDOUS WASTE SAFETY & HEALTH TRAINING	JP	03	COMPLETED	17-Nov-2005
TMAR3700	LIFT TRUCK SAFETY BRIEFING	BR	00	COMPLETED	10-Nov-2005
QSMC1201	TID TRAINING FOR APPLICATORS (U)	CR	03	COMPLETED	08-Nov-2005
LSWEM003	SRNL TRU REMEDIATION RCRA TRAINING	SP	00	COMPLETED	07-Nov-2005
BMPSPCC0	BMP/SPCC/STORM WATER BRIEFING	SP	00	COMPLETED	27-Oct-2005
TMAM0601	FORKLIFT OPERATIONS	JP	01	COMPLETED	16-Sep-2005
LSGEN020	R&D PROCEDURE COMPLIANCE	BR	00	COMPLETED	14-Sep-2005
TMAR0600	INCIDENTAL RIGGER/OPERATOR	CR	03	COMPLETED	14-Sep-2005
TMAR0601	INCIDENTAL RIGGER/OPERATOR	JP	03	COMPLETED	14-Sep-2005
LSMTD001	SRTC DRAINS TRAINING	SP	01	COMPLETED	06-Sep-2005
SE010419	RCRA TRAINING FOR SRTC TECHNICAL AREA	SP	02	COMPLETED	06-Sep-2005
THMWCBT1	HAZMAT (INITIAL AND RECURRENT) TRAINING	SP	01	COMPLETED	06-Sep-2005
TMAM0600	FORKLIFT OPERATIONS, STANDARD	SP	00	COMPLETED	06-Sep-2005
QHRG0400	RADIOLOGICAL WORKER 2 SELF-STUDY	SP	17	COMPLETED	06-Jun-2005
TRWG5203	RADIATION INSTRUMENTATION & MONITORING	PA	01	COMPLETED	31-Mar-2005
TRWG5204	BETA-GAMMA CONTAMINATION INSTRUMENTATION & MONITOI	PA	01	COMPLETED	31-Mar-2005

TRWG5205	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	PA	01	COMPLETED	31-Mar-2005
STGN0016	HANFORD TREATABILITY STUDY - MATERIAL HANDLING, MO	RS	03	COMPLETED	21-Mar-2005
SG152951	SRNL ACCOUNTABLE MATERIAL HANDLER	SP	05	COMPLETED	23-Feb-2005
SG152952	SRNL NUCLEAR CRITICALITY SAFETY TRAINING	SP	05	COMPLETED	23-Feb-2005
LSWPT001	RPP TREATABILITY STUDY AND RESIDUE MANAGEMENT OVER	CR	02	COMPLETED	26-Jan-2005
QRRP1001	NEGATIVE PRESSURE RETRAINING (U)	JP	01	COMPLETED	18-Jan-2005
TRPG4001	GENERAL RESPIRATORY RETRAINING	SP	02	COMPLETED	18-Jan-2005
TMAD0022	MATERIALS OF TRADE TRAINING	CR	00	COMPLETED	13-Jan-2005
LSLST003	LAB STANDARD REFRESHER FOR 2005	SP	02	COMPLETED	10-Jan-2005
TRGCAT05	CONSOLIDATED ANNUAL TRAINING	SP	00	COMPLETED	05-Jan-2005
SG152904	SRNL R&D COMPRESSED GAS CYLINDER TRAINING	SP	01	COMPLETED	20-Sep-2004
TREG0013	BLOODBORNE PATHOGENS/FIRST AID/CPR	CR	03	COMPLETED	15-Jun-2004
TREG0013	BLOODBORNE PATHOGENS/FIRST AIT/CPR	JP	00	COMPLETED	15-Jun-2004
QRIS5008	BEHAVIOR BASED SAFETY BBS OBSERVER WORKSHOP(MOD 4)	CL	00	COMPLETED	14-Jun-2004
LSGEN010	SRNL TRAINING FOR RADIOACTIVE MATERIAL PACKAGER,PA	SP	00	COMPLETED	19-May-2004
LSGEN006	SRTC ARW PRACTICE REFRESHER AND PROFICIENCY	CR	00	COMPLETED	01-Mar-2004
TRWG5203	RADIATION INSTRUMENTATION & MONITORING	PA	01	COMPLETED	01-Mar-2004
TRWG5204	BETA-GAMMA CONTAMINATION INSTRUMENTATION & MONITOI	PA	01	COMPLETED	01-Mar-2004
TRWG5205	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	PA	01	COMPLETED	01-Mar-2004
QRRP1001	NEGATIVE PRESSURE RETRAINING (U)	JP	01	COMPLETED	28-Jan-2004
THMWCBT1	HAZMAT COMPUTER BASED TRAINING (CBT)	SP	00	COMPLETED	28-Jan-2004
TRPG4001	GENERAL RESPIRATORY RETRAINING	RS	01	COMPLETED	27-Jan-2004
LSLST003	LAB STANDARD REFRESHER FOR 2003 (TOXICS)	SP	00	COMPLETED	15-Jan-2004
LSLST003	LAB STANDARD REFRESHER TRAINING	SP	01	COMPLETED	15-Jan-2004
LSMTD002	SUMMARY OF CHANGES TO SRTC DRAIN SYSTEM TRAINING	SP	00	COMPLETED	15-Jan-2004
TRGCAT04	CONSOLIDATED ANNUAL TRAINING (CAT)	SP	00	COMPLETED	15-Jan-2004
LSGEN005	L1, 2.32 RADIOLOGICAL WORK PRACTICES OVERVIEW	CR	00	COMPLETED	10-Nov-2003
LSBMDV02	SRTC HUMAN PERFORMANCE - UNDERSTANDING RISK	CR	00	COMPLETED	11-Sep-2003
TFSHC00A	A - AREA HAZCOM WITH FACILITY SPECIFIC	SP	00	COMPLETED	19-Aug-2003
QHRG0400	RADIOLOGICAL WORKER II SELF-STUDY	SP	16	COMPLETED	03-Jul-2003
TRWG5203	RADIATION INSTRUMENTATION & MONITORING	PA	00	COMPLETED	26-Jun-2003
TRWG5204	BETA-GAMMA CONTAMINATION INSTRUMENTATION & MONITOI	PA	00	COMPLETED	26-Jun-2003
TRWG5205	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	PA	00	COMPLETED	26-Jun-2003
LSWPT003	PERFORM TOXICITY CHARACTERISTIC LEACHING TEST	JP	00	GRANTED EXCEPTION	12-May-2003
LSWPT013	PERFORM CUTTING OF SHELBY TUBES	JP	00	GRANTED EXCEPTION	12-May-2003
LSLST003	LAB STANDARD REFRESHER FOR 2003 (TOXICS)	SP	00	COMPLETED	17-Apr-2003
SE010401	SRTC TECHNICAL AREA TRU WASTE HANDLER	SP	02	COMPLETED	18-Mar-2003

STGN0022	DOE/RW-0333P QUALITY ASSURANCE REQUIREMENTS DOCUME	SP	01	COMPLETED	24-Feb-2003
SG152951	SRTC ACCOUNTABLE MATERIAL HANDLER	SP	04	COMPLETED	05-Feb-2003
SG152952	SRTC NUCLEAR CRITICALITY SAFETY TRAINING	SP	04	COMPLETED	05-Feb-2003
QRRP1001	NEGATIVE PRESSURE RETRAINING (U)	JP	01	COMPLETED	29-Jan-2003
TRPG4001	GENERAL RESPIRATORY RETRAINING	RS	01	COMPLETED	29-Jan-2003
TRGCAT03	CONSOLIDATED ANNUAL TRAINING	SP	00	COMPLETED	13-Jan-2003
STGN0016	BNFL - I-WPT-003	RS	02	COMPLETED	06-Sep-2002
TRWG5203	RADIATION INSTRUMENTATION & MONITORING	PA	00	COMPLETED	28-Jun-2002
TRWG5204	BETA-GAMMA CONTAMINATION INSTRUMENTATION & MONITOI	PA	00	COMPLETED	28-Jun-2002
TRWG5205	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	PA	00	COMPLETED	28-Jun-2002
LSLST002	LAB STANDARD REFRESHER 2002-HIGHLY TOXIC MATERIALS	SP	00	COMPLETED	07-Jun-2002
SE010402	SRTC WASTE GENERATOR - CBT	SP	01	COMPLETED	07-Jun-2002
QRIS5007	BEHAVIOR BASED SAFETY TEAM SAFETY WORKSHOP (MOD 3)	CR	00	COMPLETED	14-May-2002
EELT0091	GETTING THE MOST FROM YOUR ELECTRONIC BALANCES	BR	00	COMPLETED	30-Apr-2002
LSGEN001	SRTC SAR/TSR R&D OVERVIEW BRIEFING	BS	00	COMPLETED	25-Apr-2002
LSWPT001	RPP TREATABILITY STUDY EXTENSION	RS	00	COMPLETED	23-Apr-2002
STGN0016	BNFL - I-WPT-003	RS	01	COMPLETED	23-Apr-2002
STGN0022	RW-0333P QUALITY ASSURANCE REQUIRED READING	RS	00	COMPLETED	23-Apr-2002
HRD11000	JOB HAZARD ANALYSIS (COMPUTER BASED)	SC	00	COMPLETED	13-Mar-2002
TRWG2002	RWT REFRESHER TRAINING	RS	00	COMPLETED	13-Mar-2002
LSMTD001	SRTC DRAINS TRAINING	SP	00	COMPLETED	20-Feb-2002
TRGCAT02	CONSOLIDATED ANNUAL TRAINING (CAT)	SP	00	COMPLETED	15-Jan-2002
QRRP1000	INITIAL NEGATIVE PRESSURE RESPIRATOR TRAINING	CR	05	COMPLETED	10-Jan-2002
QRRP1000	INITIAL NEGATIVE PRESSURE RESPIRATOR TRAINING	JP	01	COMPLETED	10-Jan-2002
TRPG4000	GENERAL RESPIRATORY PROTECTION	CR	02	COMPLETED	10-Jan-2002
SL980015	DRAIN SYSTEMS GUIDELINES	BS	00	COMPLETED	18-Dec-2001
SE010304	OSHA LAB STANDARD INITIAL (WEB BASED)	SC	00	COMPLETED	05-Dec-2001
SF300000	LAB SKILLS (WRITTEN) FOR LABORATORY TECHNICIANS CH	CH	00	COMPLETED	24-Oct-2001
QHRG0400	RADIOLIGICAL WORKER II SELF STUDY TRAINING	JP	08	COMPLETED	31-Jul-2001
QHRG0400	RADIOLOGICAL WORKER II SELF-STUDY	SE	12	COMPLETED	31-Jul-2001
TRWG5203	RADIATION INSTRUMENTATION & MONITORING	PA	00	COMPLETED	12-Jun-2001
TRWG5204	BETA-GAMMA CONTAMINATION INSTRUMENTATION & MONITOI	PA	00	COMPLETED	12-Jun-2001
TRWG5205	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	PA	00	COMPLETED	12-Jun-2001
SG152951	SRTC ACCOUNTABLE MATERIAL HANDLER INITIAL BRIEFING	BR	03	COMPLETED	06-Feb-2001
SG152952	SRTC NUCLEAR CRITICALITY SAFETY TRNG INITIAL BRIEF	BR	03	COMPLETED	06-Feb-2001
SG152904	COMPRESSED GAS CYLINDERS (U)	CR	00	COMPLETED	30-Jan-2001
TMAMHAZ1	HAZMAT (INITIAL & RECURRENT)	CR	01	COMPLETED	24-Jan-2001
TRGCAT01	CONSOLIDATED ANNUAL TRAINING	SP	00	COMPLETED	24-Jan-2001
TRWG1401	RADIATION GENERATING DEVICE OPERATOR	CR	01	COMPLETED	09-Nov-2000
STGN0013	BNFL PART B1 TRAINING	BS	00	COMPLETED	03-Nov-2000
STGN0014	L1,2.21 RAD SAMPLE REC'G,LABELING & TRACKING	BS	00	COMPLETED	03-Nov-2000
STGN0016	BNFL - I-WPT-003	RS	01	COMPLETED	03-Nov-2000

STGN0037	SRTC CONSTANT AIR MONITORING (CAM) SYSTEM	WE	00	COMPLETED	03-Nov-2000
STGN0039	SRTC BNFL OR LISTED SAMPLE PROCESSING AUTHORIZA.	BS	00	COMPLETED	03-Nov-2000
STGN0040	LESSONS LEARNED B154/158 DISCHARGE TO HAD 5-20-99	BS	00	COMPLETED	03-Nov-2000
SE010417	L1 MANUAL 2.17/6.03 OVERVIEW	BR	00	COMPLETED	25-Oct-2000
SL090606	SRTC/TNX/AL RCRA SATELLITE AREAS	RS	05	COMPLETED	06-Sep-2000
SE010304	OSHA LAB STANDARD INITIAL (WEB BASED)	SC	00	COMPLETED	30-Aug-2000
SE010402	SRTC WASTE GENERATOR	WE	00	COMPLETED	30-Aug-2000
SG152980	SRTC TECHNICAL AREA FACILITY ACCESS TRAINING	SC	01	COMPLETED	29-Aug-2000
SF200000	GENERAL CHEMISTRY FOR LAB TECHS (CHALLENGE EXAM)	CE	00	COMPLETED	26-Jul-2000
SL980015	DRAIN SYSTEMS GUIDELINES	BS	00	COMPLETED	19-Apr-2000
HRDGV001	APRIL 2000 DIVERSITY STAND-DOWN	BS	00	COMPLETED	12-Apr-2000
TRGCAT00	CONSOLIDATED ANNUAL TRAINING	WE	00	COMPLETED	21-Jan-2000
TRWG5200	ADVANCED RADIOLOGICAL WORKER TRAINING CORE	JP	01	COMPLETED	27-Oct-1999
TRWG5200	ADVANCED RADIOLOGICAL WORKER TRAINING CORE	CR	01	COMPLETED	23-Sep-1999
TRWG5210	ADVANCED RADIOLOGICAL WORKER TRNG CORE PRE-TEST	CE	03	COMPLETED	30-Aug-1999
SE010300	GREEN IS CLEAN/ASSOCIATED WASTE	WE	00	COMPLETED	06-Aug-1999
QSCL1600	SITEWIDE SECURITY STANDDOWN	VC	00	COMPLETED	03-Aug-1999
QSCL1601	SITEWIDE SECURITY STANDDOWN	RS	01	COMPLETED	03-Aug-1999
QHRG0300	RADIOLOGICAL WORKER II INITIAL TRAINING	CR	11	COMPLETED	14-Jul-1999
QHRG0300	RADIOLOGICAL WORKER II INITIAL TRAINING	JP	07	COMPLETED	14-Jul-1999
SF100000	MATHEMATICS FOR LABORATORY TECHNICIANS	CE	00	COMPLETED	17-Mar-1999
SF100000	MATHEMATICS FOR LABORATORY TECHNICIANS	SE	00	COMPLETED	17-Mar-1999
TREGCAT9	CONSOLIDATED ANNUAL TRAINING (CAT)	SP	00	COMPLETED	03-Feb-1999
TREGO13Q	HAZCOM: FACILITY-SPECIFIC TRNG-ESH&QA	RS	00	COMPLETED	04-Sep-1998
SE010904	SRTC TA/CALB BRIEFING FOR POLLUTION PREVENTION & .	BS	00	COMPLETED	27-Aug-1998
HRD10923	TEAMWORK, THE KEY TO VALUING DIVERSITY	CR	00	COMPLETED	02-Jun-1998
QHRG1300	RADIOLOGICAL WORKER I SELF STUDY	JP	07	COMPLETED	17-Mar-1998
QHRG1300	RADIOLOGICAL WORKER I SELF-STUDY	SE	08	COMPLETED	17-Mar-1998
TREGCATB	CONSOLIDATED ANNUAL TRAINING (CAT)	SC	00	COMPLETED	27-Jan-1998
SG152980	SRTC TECHNICAL AREA FACILITY ACCESS TRAINING	SC	00	COMPLETED	03-Dec-1997
QSHP9701	EMERGENCY PREPAREDNESS DRILL FOR CRITICALITY	BS	00	COMPLETED	05-Aug-1997
BMMG0001	TIME & ATTENDANCE COLLECTION SYSTEMS (TACS)	CR	01	COMPLETED	13-Mar-1997
TREGCAT7	CONSOLIDATED ANNUAL TRAINING	SC	00	COMPLETED	23-Jan-1997
TREGCAT6	CONSOLIDATED ANNUAL TRAINING	SC	00	COMPLETED	24-Jan-1996
TREGGERT	GENERAL EMPLOYEE RADIOLOGICAL TRAINING (GERT)	SC	00	COMPLETED	24-Jan-1996
TICATB00	CONSOLIDATED ANNUAL TRAINING	SC	00	COMPLETED	12-Jan-1995
QRIH1100	BASIC HAZARD COMM TRNG FOR OFFICE/ADMIN PERSONNEL	CR	00	COMPLETED	23-Jun-1994
TICATA00	CONSOLIDATED ANNUAL TRAINING	CR	00	COMPLETED	18-Jan-1994
QRIH1000	BASIC HAZARD COMMUNICATION TRAINING	CR	00	COMPLETED	06-Dec-1993

TICTS003	OJT TRAINER/EVALUATOR	CR	00	COMPLETED	18-Nov-1993
QRIS110C	EMERGENCY PREPAREDNESS TRAINING	CR	00	COMPLETED	12-Nov-1993
SS140300	OCCUPANT FIRE SAFETY	CR	00	COMPLETED	22-Oct-1993
QSED1293	1993 ANNUAL SECURITY REFRESHER BRIEFING	CR	00	COMPLETED	23-Sep-1993
QRISINFO	HAZARDOUS ENERGY CONTROL TRAINING	RS	00	COMPLETED	23-Aug-1993
QRIS120B	SEVEN BASIC SAFETY PROCEDURES	RS	00	COMPLETED	21-Jun-1993
QTIHAT05	HEAT STRESS	CR	00	COMPLETED	19-May-1993
QSCP3000	COMPUTER SECURITY AWARENESS TRAINING	CR	00	COMPLETED	26-Mar-1993
TRSGETCN	CONTINUING GENERAL EMPLOYEE TRAINING	SC	00	COMPLETED	26-Feb-1993
NMMG9360	RESP NIM ALARM	CR	00	COMPLETED	21-Nov-1991
BIF91001	FIELD PROPERTY ADMINISTRATOR (FPA)	CR	00	COMPLETED	23-Jul-1991
QHRC0000	RADIATION WORKER TRAINING - NMP/SRTC/RM PRACTICAL	CL	02	COMPLETED	24-May-1991
TRSGETC1	GENERAL EMPLOYEE TRAINING COMMON	CR	00	COMPLETED	01-Feb-1991
BIE92102	INTRO TO THE IBM PC/IBM	CL	00	COMPLETED	19-Nov-1990
QHRA0000	RADIATION WORKER TRAINING – CORE	CR	03	COMPLETED	23-Aug-1990

4.7 QUALIFICATIONS OF L. CURTIS JOHNSON

Last Name	JOHNSON	First Name	LUCIUS	User ID	L0017	Org Code	LA100	Keyword		Status Code	A

Completion Status	Course Code	Setting	Course Title	Completion Date
COMPLETED	LSGEN057	CLASSROOM	SRNL R&D ARW RADCON PRACTICES REFRESHER (2007)	Aug 15, 2007
COMPLETED	TRWG5203	PRACTICAL ASSESSMENT	RADIATION INSTRUMENTATION AND MONITORING	Jul 23, 2007
COMPLETED	TRWG5205	PRACTICAL ASSESSMENT	ALPHA CONTAMINATION INSTRUMENTATION AND MONITOR	Jul 23, 2007
COMPLETED	TRWG5204	PRACTICAL ASSESSMENT	BETA-GAMMA INSTRUMENTATION AND MONITORING	Jul 23, 2007
COMPLETED	TMME1305	SELF-PACED	ELECTRICAL HAZARDS AWARENESS BRIEFING	Jul 12, 2007
COMPLETED	TMEE6100	READ AND SIGN	QUALIFIED ELECTRICAL WORKER	Jun 11, 2007
COMPLETED	TSUBMP02	SELF-PACED	SUBCONTRACT TECHNICAL REPRESENTATIVE TRAINING II	Jun 07, 2007
COMPLETED	LSGEN058	BRIEFING	L7.7, 1.06 & 1.07 PROCEDURE CHANGES	Jun 06, 2007
COMPLETED	LSCT0049	READ AND SIGN	RESPONSE TO RELEASE/ALARMS IN HTRL	May 03, 2007
COMPLETED	TMEE0300	CLASSROOM	SAFE PRACTICES ON OR NEAR ELECTRICAL CONDUCTORS	Mar 13, 2007
COMPLETED	SLBE3013	BRIEFING	SRNL 3013 PROJECT BERYLLIUM & MEDICAL SURVEILLANCE	Mar 08, 2007
COMPLETED	LSMTD003	READ AND SIGN	USE OF DRAIN SYSTEMS DELTA TRAINING	Mar 06, 2007
COMPLETED	LSGEN048	READ AND SIGN	NUCLEAR MATERIAL CUSTODIAN DELTA TRAINING	Mar 04, 2007
COMPLETED	LSGEN049	READ AND SIGN	ACCOUNTABLE MATERIAL HANDLER DELTA TRAINING	Mar 04, 2007
COMPLETED	LSGEN050	READ AND SIGN	NUCLEAR CRITICALITY SAFETY DELTA TRAINING	Mar 04, 2007
COMPLETED	LSCT0046	BRIEFING	RESPONSE TO ABNORMAL EVENTS	Feb 14, 2007
GRANTED EXCEPTION	LSADS012	JOB PERFORMANCE MEASURE	ANALYZE SAMPLE BY ICP-MS	Feb 13, 2007
COMPLETED	SSPOE002	SELF-PACED	ASSIGN COMPETENT PERSON (ACP) BRIEFING	Feb 09, 2007
COMPLETED	LSLST003	SELF-PACED	LAB STANDARD TRAINING REFRESHER FOR 2007	Feb 07, 2007
COMPLETED	LSGEN034	BRIEFING	SRNL R&D BRIEF ON WORK PLANNING & CONTROL FOR EMPL	Jan 16, 2007
COMPLETED	TRGCAT07	SELF-PACED	CONSOLIDATED ANNUAL TRAINING 2007 (CAT)	Jan 02, 2007
COMPLETED	LSGEN031	READ AND SIGN	VESSEL PROCUREMENT	Oct 09, 2006
COMPLETED	LSADS052	PRACTICAL FACTORS	HANDLE TREATABILITY SAMPLES	Sep 19, 2006
COMPLETED	TMEE6400	BRIEFING	MINOR/EDITORIAL CHANGES TO 18Q-2	Sep 14, 2006
COMPLETED	TSUBMP01	SELF-PACED	SUBCONTRACT MANAGEMENT PROGRAM TRAINING	Aug 21, 2006
COMPLETED	LSGEN029	READ AND SIGN	R&D RQMTS FOR WORKING W/CLASS 1 FLAMMABLE LIQUID	Jul 27, 2006
COMPLETED	QHRG0400	SELF-PACED	RADIOLOGICAL WORKER 2 SELF-STUDY	Jul 13, 2006
COMPLETED	SG152952	SELF-PACED	SRNL NUCLEAR CRITICALITY SAFETY TRAINING	Jun 29, 2006
COMPLETED	SG152951	SELF-PACED	SRNL ACCOUNTABLE MATERIAL HANDLER	Jun 27, 2006
COMPLETED	TMME1302	BRIEFING	ELECTRICAL HAZARD AWARENESS-ELECTRICAL WORKERS	Jun 27, 2006

COMPLETED	TMEE6200	BRIEFING	GENERAL REVISION BRIEFING PACKAGE	Mar 29, 2006
COMPLETED	LSGEN028	BRIEFING	MANUAL 8Q, PROCEDURE 15 ORGANIZATIONAL BRIEFING	Mar 23, 2006
COMPLETED	LSHTS007	BRIEFING	HTRL FACILITY ACCESS TRAINING	Mar 08, 2006
COMPLETED	LSGEN025	BRIEFING	TREATABILITY STUDY AWARENESS TRAINING	Mar 02, 2006
COMPLETED	XTMGE147	BRIEFING	SECURITY BRIEFING 2006-02	Mar 02, 2006
COMPLETED	TMEE2850	SELF-PACED	ELECTRICAL SYSTEMS SAFETY WEB BASED	Mar 02, 2006
COMPLETED	XTMGE145	BRIEFING	SECURITY BRIEFING 2006-01	Feb 24, 2006
COMPLETED	LSLST003	SELF-PACED	LABORATORY STANDARD REFRESHER TRNG. (2006)	Jan 11, 2006
COMPLETED	TRGCAT06	SELF-PACED	CONSOLIDATED ANNUAL TRAINING 2006 (CAT)	Jan 03, 2006
COMPLETED	TMEE3050	SELF-PACED	SAFE PRACTICE ON OR NEAR ELECTRICAL CONDUCTORS	Nov 28, 2005
COMPLETED	LSGEN024	CLASSROOM	R&D ARW RADCON PRACTICES REFRESHER (2005)	Nov 16, 2005
COMPLETED	LSGEN016	SELF-PACED	PRESSURE PROTECTION PRACTICES	Aug 15, 2005
COMPLETED	LSGEN020	BRIEFING	R&D PROCEDURE COMPLIANCE	Aug 04, 2005
COMPLETED	TRWG5203	PRACTICAL ASSESSMENT	RADIATION INSTRUMENTATION & MONITORING	Jul 27, 2005
COMPLETED	TRWG5205	PRACTICAL ASSESSMENT	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	Jul 27, 2005
COMPLETED	TRWG5204	PRACTICAL ASSESSMENT	BETA-GAMMA CONTAMINATION INSTRUMENTATION & MONITOI	Jul 27, 2005
COMPLETED	STGN0016	READ AND SIGN	HANFORD TREATABILITY STUDY - MATERIAL HANDLING, MO	Mar 29, 2005
COMPLETED	LSWPT001	CLASSROOM	RPP TREATABILITY STUDY AND RESIDUE MANAGEMENT OVER	Feb 02, 2005
COMPLETED	TMEE3050	SELF-PACED	SAFE PRACTICVE ON OR NEAR ELECTRICAL CONDUCTORS	Jan 25, 2005
COMPLETED	LSLST003	SELF-PACED	LAB STANDARD REFRESHER FOR 2005	Jan 11, 2005
COMPLETED	LSLST003	SELF-PACED	LAB STANDARD REFRESHER TRAINING	Jan 05, 2005
COMPLETED	BAWT0001	SELF-PACED	BERYLLIUM ASSOCIATED WORKER TRAINING	Jan 03, 2005
COMPLETED	TRGCAT05	SELF-PACED	CONSOLIDATED ANNUAL TRAINING	Jan 03, 2005
COMPLETED	SG152904	SELF-PACED	SRNL R&D COMPRESSED GAS CYLINDER TRAINING	Aug 27, 2004
COMPLETED	QHRG0400	SELF-PACED	RADIOLOGICAL WORKER II SELF-STUDY	Aug 05, 2004
GRANTED EXCEPTION	LSADS014	JOB PERFORMANCE MEASURE	OPERATING THE MICROMERITICS ASAP 2010 SURFACE ARE	Jul 28, 2004
GRANTED EXCEPTION	LSADS023	JOB PERFORMANCE MEASURE	ANALYZE SAMPLE BY NON-RAD ICP MS	Jul 28, 2004
GRANTED EXCEPTION	LSADS016	JOB PERFORMANCE MEASURE	OPERATE VAPOR/HYDRIDE GENERATION ATOMIC ABSORPTION	Jul 28, 2004
GRANTED EXCEPTION	LSADS015	JOB PERFORMANCE MEASURE	OPERATE VARIAN SPECTRA AA-800 ATOMIC ABSORPTION SP	Jul 28, 2004
GRANTED EXCEPTION	ST060017	ON-THE-JOB	CALIBRATE PIPETTE	Jul 28, 2004
COMPLETED	SG152950	SELF-PACED	SRTC NUCLEAR MATERIAL CUSTODIAN	Jul 15, 2004
COMPLETED	SG152952	SELF-PACED	SRTC NUCLEAR CRITICALITY SAFETY TRAINING	Jul 15, 2004
COMPLETED	SG152951	SELF-PACED	SRTC ACCOUNTABLE MATERIAL HANDLER	Jul 15, 2004
COMPLETED	SL090606	SELF-PACED	RCRA TRAINING FOR SATELLITE ACCUMULATION AREAS	Jul 13, 2004
COMPLETED	XTMGDG13	READ AND SIGN	TRITIUM FACILITIES EMPLOYEE TRAINING (TFET)	Jul 01, 2004
COMPLETED	TRWG5203	JOB PERFORMANCE MEASURE	RADIATION INSTRUMENTATION & MONITORING	Jun 02, 2004
COMPLETED	TRWG5204	JOB PERFORMANCE	BETA-GAMMA CONTAMINTION	Jun 02, 2004

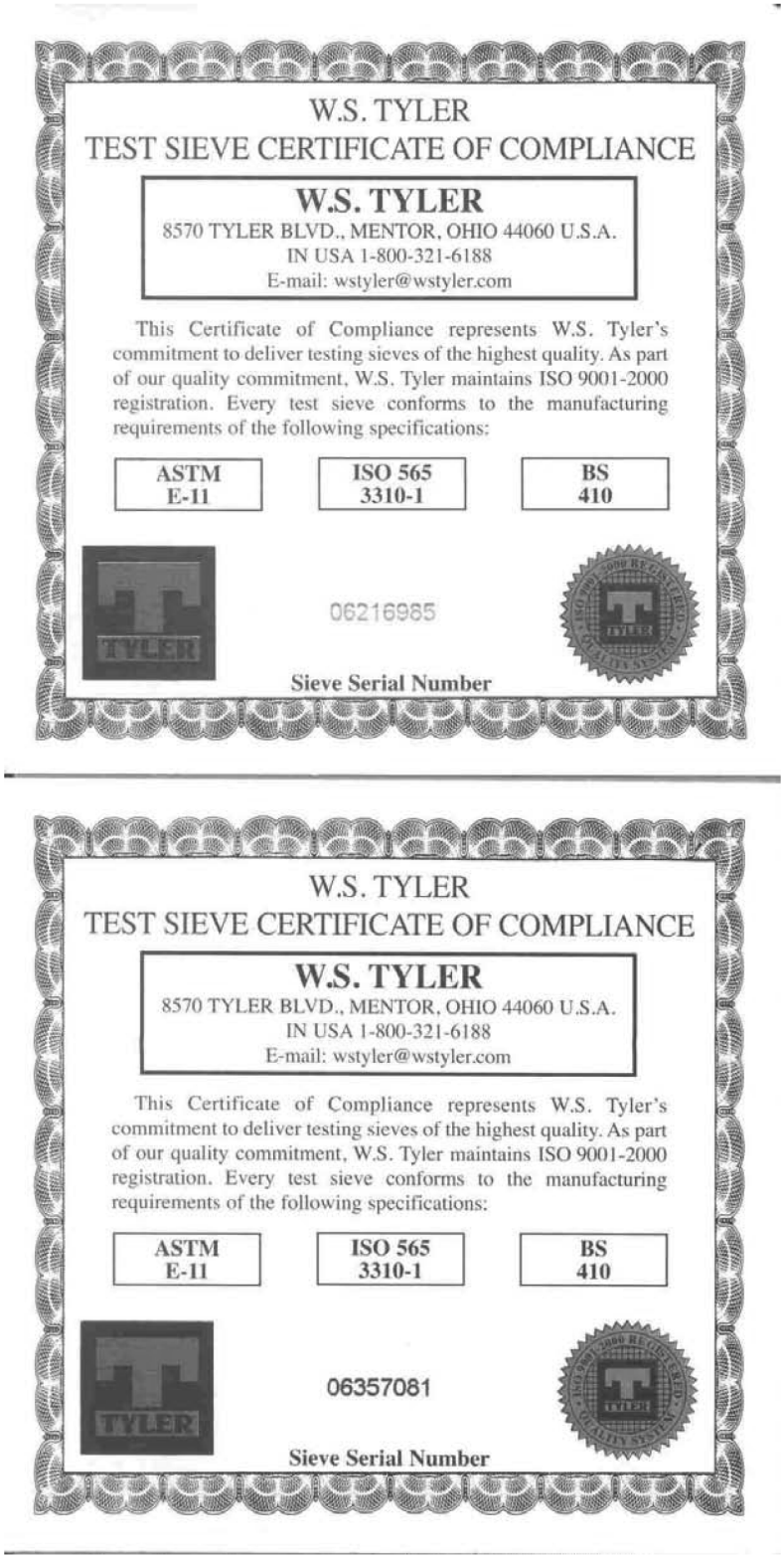
		MEASURE	INSTRUMENTATION & MONITORI	
COMPLETED	TRWG5205	JOB PERFORMANCE MEASURE	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	Jun 02, 2004
COMPLETED	LSGEN010	SELF-PACED	SRNL TRAINING FOR RADIOACTIVE MATERIAL PACKAGER,PA	Jun 01, 2004
COMPLETED	LSGEN008	CLASSROOM	SRTC RW II PRACTICES REFRESHER	May 17, 2004
COMPLETED	TRWG5204	CLASSROOM	BETA-GAMMA CONTAMINTION INSTRUMENTATION & MONITORI	May 12, 2004
COMPLETED	TRWG5205	CLASSROOM	ALPHA CONTAMINATION INSTRUMENTATION & MONITORING	May 12, 2004
COMPLETED	TRWG5203	CLASSROOM	RADIATION INSTRUMENTATION & MONITORING	May 11, 2004
COMPLETED	LSLST003	SELF-PACED	LAB STANDARD REFRESHER FOR 2003 (TOXICS)	Jan 14, 2004
COMPLETED	LSMTD002	SELF-PACED	SUMMARY OF CHANGES TO SRTC DRAIN SYSTEM TRAINING	Jan 14, 2004
COMPLETED	TMEE0300	CLASSROOM	SAFE PRACTCES ON OR NEAR ELECTRICAL CONDUCTORS	Jan 06, 2004
COMPLETED	TRGCAT04	SELF-PACED	CONSOLIDATED ANNUAL TRAINING (CAT)	Jan 02, 2004
COMPLETED	STGN0022	SELF-PACED	DOE/RW-0333P QUALITY ASSURANCE REQUIREMENTS DOCUME	Dec 30, 2003
COMPLETED	TRWG1401	CLASSROOM	RADIATION GENERATING DEVICE OPERATOR	Dec 16, 2003
COMPLETED	LSGEN005	CLASSROOM	L1, 2.32 RADIOLOGICAL WORK PRACTICES OVERVIEW	Oct 28, 2003
COMPLETED	STGN0024	READ AND SIGN	ENGINEERING CALCULATIONS	Jun 10, 2003
COMPLETED	TMEE3050	SELF-PACED	SAFE PRACTICE ON OR NEAR ELECTRICAL CONDUCTORS (SP	Jun 05, 2003
COMPLETED	TMEE2800	CLASSROOM/LABORATORY	ELECTRICAL SYSTEMS SAFETY	Apr 23, 2003
COMPLETED	QRIH3031	SELF-PACED	LASER SAFETY FOR CLASS III & IV REFRESHER TRAINING	Apr 02, 2003
COMPLETED	TRGCAT03	SELF-PACED	CONSOLIDATED ANNUAL TRAINING	Jan 08, 2003
COMPLETED	SE010402	SELF-PACED	SRTC WASTE GENERATOR - CBT	Nov 01, 2002
COMPLETED	QHRG0400	SELF-PACED/EXAMINATION	RADIOLOGICAL WORKER II SELF-STUDY	Aug 29, 2002
COMPLETED	QHRG0400	JOB PERFORMANCE MEASURE	RADIOLOGICAL WORKER II SELF STUDY TRAINING	Aug 29, 2002
COMPLETED	NTGGSC01	READ AND SIGN	233/249H COMPUTER SECURITY	Aug 12, 2002
COMPLETED	NTMGDG13	SELF-PACED/EXAMINATION	CONSOLIDATED TRITIUM FACILITY	Aug 12, 2002
COMPLETED	SG152904	READ AND SIGN	COMPRESSED GAS CYLINDERS	Jul 01, 2002
COMPLETED	TMEE3000	CLASSROOM	SAFE PRACTICES ON OR NEAR ELECTRICAL CONDUCTORS	Jun 12, 2002
COMPLETED	LSLST002	SELF-PACED	LAB STANDARD REFRESHER 2002-HIGHLY TOXIC MATERIALS	Jun 11, 2002
COMPLETED	STGN0003	SELF-PACED	SRTC LAB STANDARD ANNUAL REFRESHER TRAINING (U)	May 08, 2002
COMPLETED	QRIH3030	CLASSROOM	LASER SAFETY FOR CLASS III & IV	Apr 29, 2002
COMPLETED	LSMTD001	SELF-PACED	SRTC DRAINS TRAINING	Apr 12, 2002
COMPLETED	QRIS5007	CLASSROOM	BEHAVIOR BASED SAFETY TEAM SAFETY WORKSHOP (MOD 3)	Feb 14, 2002
COMPLETED	TRGCAT02	SELF-PACED	CONSOLIDATED ANNUAL TRAINING (CAT)	Jan 08, 2002
COMPLETED	TICTS003	CLASSROOM	OJT TRAINER EVALUATOR	Aug 29, 2001
COMPLETED	TRWG2001	READ AND SIGN	RWT REFRESHER TRAINING	Jul 09, 2001
COMPLETED	STGN0003	SELF-PACED/CBT	SRTC LAB STANDARD ANNUAL REFRESHER TRAINING (U)	Jun 28, 2001
COMPLETED	STGN0022	READ AND SIGN	RW-0333P QUALITY ASSURANCE REQUIRED READING	May 15, 2001
COMPLETED	TFSHC017	SELF-PACED	ENVIRONMENTAL RESTORATION, FS HAZCOM	Mar 09, 2001
COMPLETED	TFSHC040	SELF-PACED	TSD CENTRAL LAB, OPS & MAINT, FS HAZCOM	Mar 09, 2001

COMPLETED	TRGCAT01	SELF-PACED	CONSOLIDATED ANNUAL TRAINING	Jan 18, 2001
COMPLETED	STGN0037	WEB-BASED/EXAMINATION	SRTC CONSTANT AIR MONITORING (CAM) SYSTEM	Nov 30, 2000
COMPLETED	SE010308	SELF-PACED	SRTC ACCOUNTABLE MATERIAL HANDLER	Nov 13, 2000
COMPLETED	SE010402	WEB-BASED/EXAMINATION	SRTC WASTE GENERATOR	Nov 07, 2000
COMPLETED	QHRG0400	JOB PERFORMANCE MEASURE	RADIOLOGICAL WORKER II SELF-STUDY TRAINING	Aug 31, 2000
COMPLETED	HRDGV001	BRIEFING/SEMINAR	APRIL 2000 DIVERSITY STAND-DOWN	Apr 12, 2000
COMPLETED	TRGCAT00	WEB-BASED/EXAMINATION	CONSOLIDATED ANNUAL TRAINING	Feb 15, 2000
COMPLETED	HRD11000	SELF-PACED/CBT	JOB HAZARD ANALYSIS (COMPUTER BASED)	Dec 01, 1999
COMPLETED	TRWG9900	READ AND SIGN	1999 RWT REFRESHER	Nov 22, 1999
COMPLETED	STGN0007	BRIEFING/SEMINAR	SRTC NUCLEAR CRITICALITY SAFETY ANNUAL REFRESHER	Sep 22, 1999
COMPLETED	STGN0008	BRIEFING/SEMINAR	SRTC ACCOUNTABLE MATERIAL HANDLER ANNUAL REFRESHE	Sep 22, 1999
COMPLETED	QSCL1600	VIDEO CONFERENCE	SITEWIDE SECURITY STANDDOWN	Aug 03, 1999
COMPLETED	QSCL1601	READ AND SIGN	SITEWIDE SECURITY STANDDOWN	Aug 03, 1999
COMPLETED	STGN0016	READ AND SIGN	BNFL - I-WPT-003	Jun 28, 1999
COMPLETED	TRWG8000	VIDEO CONFERENCE	F-CANYON OPERATOR INTAKE	Jun 24, 1999
COMPLETED	V1000000	CLASSROOM	OFFSITE TRAINING	Apr 15, 1999
EXEMPTION B	TICTS023	CLASSROOM	OJT CONTINUING TRAINING	Apr 14, 1999
COMPLETED	TREGCAT9	SELF-PACED	CONSOLIDATED ANNUAL TRAINING (CAT)	Mar 04, 1999
COMPLETED	SG152901	CLASSROOM	LOW LEVEL WASTE HANDLING & MINIMIZATION FOR WASTE	Sep 28, 1998
COMPLETED	STGN0007	SELF-PACED/EXAMINATION	SRTC NUCLEAR CRITICALITY SAFETY ANNUAL REFRESHER	Sep 23, 1998
COMPLETED	STGN0008	SELF-PACED/EXAMINATION	SRTC ACCOUNTABLE MATERIAL HANDLER ANNUAL REFRESHE	Sep 23, 1998
COMPLETED	LSADS011	BRIEFING/SEMINAR	ADS JOB SPECIFIC TRAINING FOR HANDLING SAMPLES CON	Aug 31, 1998
COMPLETED	TREGO13L	READ AND SIGN	HAZCOM: FACILITY-SPECIFIC TRNG-SRTC	Aug 18, 1998
COMPLETED	QHRG0400	JOB PERFORMANCE MEASURE	RADIOLOGICAL WORKER II SELF-STUDY	Aug 13, 1998
COMPLETED	STGN0001	BRIEFING/SEMINAR	SRTC LAB TECHNICIAN HANDOUT	Aug 04, 1998
COMPLETED	SG171000	READ AND SIGN	TNX FACILITY ACCESS TRAINING	Jun 05, 1998
COMPLETED	TICTS023	CLASSROOM	OJT TRAINER/EVALUATOR CONTINUING TRAINING	Apr 15, 1998
COMPLETED	TGHGD007	WEB-BASED	MODULE I-PERSONAL ASSESSMENT/DEVELOPMENT PROCESS	Apr 06, 1998
COMPLETED	HRD10923	CLASSROOM	TEAMWORK, THE KEY TO VALUING DIVERSITY	Mar 19, 1998
COMPLETED	TREGCATB	WEB-BASED/EXAMINATION	CONSOLIDATED ANNUAL TRAINING (CAT)	Mar 03, 1998
COMPLETED	BMMG0002	CLASSROOM	TACS FOR EXEMPT EMPLOYEES ON CLS	Feb 17, 1998
COMPLETED	TRWG9700	READ AND SIGN	RWT REFRESHER TRAINING	Oct 29, 1997
COMPLETED	SG152980	SELF-PACED/CBT	SRTC TECHNICAL AREA FACILITY ACCESS TRAINING	Oct 21, 1997
COMPLETED	SG152952	CLASSROOM	SRTC NUCLEAR CRITICALITY SAFETY TRAINING	Sep 11, 1997
COMPLETED	SG152954	CLASSROOM	WSRC GENERAL CRITICALITY	Sep 11, 1997
COMPLETED	SG152951	CLASSROOM	SRTC NUCLEAR MATERIAL HANDLER	Sep 04, 1997
COMPLETED	QRCTS014	CLASSROOM	GLOVE CHANGEOUT	Apr 30, 1997
COMPLETED	TREGCAT7	SELF-PACED/CBT	CONSOLIDATED ANNUAL TRAINING	Mar 03, 1997
COMPLETED	TMAMHAZ1	CLASSROOM	HAZMAT (INITIAL AND RECURRENT)	Feb 19, 1997
COMPLETED	QHRG0300	CLASSROOM	RWT LEVEL II FULL PRESENTATION	Aug 21, 1996
COMPLETED	QHRG0300	JOB PERFORMANCE	RADIOLOGICAL WORKER II FULL PRESENTATION	Aug 21, 1996

		MEASURE		
COMPLETED	TREGCAT6	SELF-PACED/CBT	CONSOLIDATED ANNUAL TRAINING	Mar 18, 1996
COMPLETED	TREGGERT	SELF-PACED/CBT	GENERAL EMPLOYEE RADIOLOGICAL TRAINING (GERT)	Mar 18, 1996
COMPLETED	HRD10101	SELF-PACED/CBT	FITNESS FOR DUTY	Jun 29, 1995
COMPLETED	TICATB00	SELF-PACED/CBT	CONSOLIDATED ANNUAL TRAINING	Apr 10, 1995
COMPLETED	QRIS6006	CLASSROOM	LOCKOUT/TAGOUT - DELTA	Nov 23, 1994
COMPLETED	QRIH1200	CLASSROOM	OSHA'S LAB STANDARD TRAINING	Nov 03, 1994
COMPLETED	LCOPSO01	CLASSROOM	CONDUCT OF OPERATIONS 2S MANUAL-ORIENTATION	Jun 10, 1994
COMPLETED	TICATA00	CLASSROOM	CONSOLIDATED ANNUAL TRAINING	Apr 28, 1994
COMPLETED	HRD10305	CLASSROOM	WORKING IN A CHANGING ENVIRONMENT	Apr 19, 1994
COMPLETED	LNRH0014	CLASSROOM	STATS DESIGN OF EXPRMNTS/CONTINUOUS IMPROVEMENT	Feb 11, 1994
COMPLETED	TICTOSHA	READ AND SIGN	OSHA INDIVIDUAL ASSESSMENT, ETP COMPLETED	Feb 02, 1994
COMPLETED	QRIS1100	CLASSROOM	OSHA TRAINING TOPICS	Dec 31, 1993
COMPLETED	QRIS1200	CLASSROOM	REQUIRED TRAINING TOPICS	Dec 21, 1993
COMPLETED	QRIH1000	CLASSROOM	BASIC HAZARD COMMUNICATION TRAINING	Dec 09, 1993
COMPLETED	ES221013	CLASSROOM	CONDUCT OF ENGINEERING & TECHNICAL SUPPORT (E7)	Sep 14, 1993
COMPLETED	QL729001	CLASSROOM	ANALYTICAL MEASUREMENT ASSURANCE PROGRAM	Jul 30, 1993
COMPLETED	QSED1293	CLASSROOM	1993 ANNUAL SECURITY REFRESHER BRIEFING	Jul 21, 1993
COMPLETED	QRIS6003	CLASSROOM	LOCKOUT/TAGOUT OPERATOR	Jun 29, 1993
COMPLETED	TRSGETCN	SELF-PACED/CBT	CONTINUING GENERAL EMPLOYEE TRAINING	Jun 10, 1993
COMPLETED	LNRVH042	CLASSROOM/LABORATORY	STATISTICS, BASIC FOR SCIENTIST AND ENGINEERS	Jun 09, 1993
COMPLETED	QRIS6195	CLASSROOM	AUTHORIZED ENTRANT/ATTENDANT FOR CONFINED SPACE	May 20, 1993
COMPLETED	QRIS6200	CLASSROOM	SUPERVISORS OF CONFINED SPACES	May 20, 1993
COMPLETED	QSCP3000	CLASSROOM	COMPUTER SECURITY AWARENESS TRAINING	Mar 18, 1993
COMPLETED	HRD10101	CLASSROOM	FITNESS FOR DUTY	Oct 06, 1992
COMPLETED	HRD10160	CLASSROOM	TIME SYSTEMS (ORGANIZER)	Apr 30, 1992
COMPLETED	TRSGETC1	CLASSROOM	GENERAL EMPLOYEE TRAINING COMMON	Jun 13, 1991
COMPLETED	QHRA0000	CLASSROOM	RADIATION WORKER TRAINING - CORE	Aug 21, 1990

APPENDIX I. Sieve Certificates of Compliance

Table 21. Sieve Certificate of Compliance for the #270 Sieve (Top) and #400 Sieve (Bottom).



W.S. TYLER
TEST SIEVE CERTIFICATE OF COMPLIANCE

W.S. TYLER
8570 TYLER BLVD., MENTOR, OHIO 44060 U.S.A.
IN USA 1-800-321-6188
E-mail: wstyler@wstyler.com

This Certificate of Compliance represents W.S. Tyler's commitment to deliver testing sieves of the highest quality. As part of our quality commitment, W.S. Tyler maintains ISO 9001-2000 registration. Every test sieve conforms to the manufacturing requirements of the following specifications:

ASTM E-11	ISO 565 3310-1	BS 410

06216985

Sieve Serial Number

W.S. TYLER
TEST SIEVE CERTIFICATE OF COMPLIANCE

W.S. TYLER
8570 TYLER BLVD., MENTOR, OHIO 44060 U.S.A.
IN USA 1-800-321-6188
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ASTM E-11	ISO 565 3310-1	BS 410

06357081

Sieve Serial Number

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