



Unit 2, Spent Fuel Pool Building, washdown/ truck bay floor, test bore dirt samples											
Location:	TB-1	Composite (1' to 5')	TB-2	Top soil (1" to 6")	TB-3	Composite	TB-4	Composite (1' to 9')	TB-4	Top Soil (1" to 12")	
date:			10/8/2003		10/7/2003		10/6/2003		10/9/2003		
	Nuclides	Activity	Nuclides	Activity	Nuclides	Activity	Nuclides	Activity	Nuclides	Activity	
		uCi/gr		uCi/gr		uCi/gr		uCi/gr		uCi/gr	
	<i>Mn-54</i>	<4.761E-9	<i>Mn-54</i>	<1.239e-8	<i>Mn-54</i>	<9.110E-9	<i>Mn-54</i>	6.55E-08	<i>Mn-54</i>	<8.654e-9	
	<i>Co-58</i>	1.67E-08	<i>Co-58</i>	<1.246e-8	<i>Co-58</i>	<9.104E-9	<i>Co-58</i>	2.49E-07	<i>Co-58</i>	<8.656e-9	
	<i>Co-60</i>	5.73E-08	<i>Co-60</i>	1.12E-07	<i>Co-60</i>	<1.28E-8	<i>Co-60</i>	5.54E-07	<i>Co-60</i>	<9.936e-9	
	<i>Cs-134</i>	<3.89E-9	<i>Cs-134</i>	<1.036e-8	<i>Cs-134</i>	<6.94E-9	<i>Cs-134</i>	1.02E-07	<i>Cs-134</i>	<7.448e-9	
	<i>Cs-137</i>	2.30E-08	<i>Cs-137</i>	1.01E-07	<i>Cs-137</i>	<9.33E-9	<i>Cs-137</i>	1.45E-07	<i>Cs-137</i>	<9.630e-9	
	Total:	9.70E-08	Total:	2.13E-07	Total:	<MDA	Total:	1.12E-06	Total:	<MDA	
Co 60/58 Comparison		3.44						2.23			
Cs 137/134 Comparison								1.42			

Outside Core Bores

B-101		B-104		Waste Water		drill core bore ops
10/16/2003		10/15/2003		10/15/2003		
<u>Nuclides</u>	<u>Activity</u>	<u>Nuclides</u>	<u>Activity</u>	<u>Nuclides</u>	<u>Activity</u>	
1000 cc	uCi/cc	1891 grams	uCi/gr	1000 cc	uCi/ml	
Mn-54	<9.69e-8	Mn-54	<4.86e-9	Mn-54	<8.42e-8	
Co-58	<9.18e-8	Co-58	<5.48e-9	Co-58	<8.67e-8	
Co-60	5.22E-06	Co-60	<5.73e-9	Co-60	<9.17e-8	
Cs-134	<7.00e-8	Cs-134	<4.73e-9	Cs-134	<5.47e-8	
Cs-137	2.08E-06	Cs-137	<5.82e-9	Cs-137	<9.41e-8	
Total:	7.30E-06	Total:	<MDA	Total:	<MDA	