

RESULTS SUMMARY														
	Natural Attenuation	Surface Decontamination								Volumetric Decontamination			Demolition	
	Decontamination of HVAC is unknown.	HVAC will be relatively easy to access and decontaminate using surface decontamination technologies								HVAC is decontaminated as part of volumetric decontamination				
	Natural Attenuation (25C / 24 hr)	10x diluted Bleach 60 min	10x diluted Bleach 24 h	Full strength Bleach 60 min	3% H2O2 solution; 30 min contact time	Easy Decon DF200 60 min	Easy Decon DF200 24 h	DeconGel 1108	Decon Green	Chlorine Dioxide Gas	modified Vaporous Hydrogen Peroxide®	Steam	Demolition w/ Rebuilding	Demolition w/o Rebuilding
	77F; 11% RH; 24 hrs	Bleach: Dilute to 0.6% NaOCl by weight. Spray 60-min contact. STS neutralized at end of contact time.	Bleach: Dilute to 0.6% NaOCl by weight. Spray 24 hour contact. STS neutralized at end of contact time.	Bleach: Full strength bleach. Spray 60-min contact. STS neutralized at end of contact time.	3% H2O2; 30 min contact time	DF200; 60 minute contact time	DF200; 24 hour contact time	DeconGel 1108; 7 Hour contact time	Decon Green; 24 hour contact time	3000 ppmv, 7 hrs, >70% RH, >75 deg F	220 ppmv, 3 hrs	60 min steam rate 1.5 kg/hr	(equivalent to "Unrestricted Use" in Superfund terminology)	(equivalent to "Restricted Use" in Superfund terminology)
% by Mass of Structural Materials Decontaminated	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
% by mass decontaminated and reusable	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
% by mass decontaminated and destroyed (treated waste)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
% by Area of Interior Materials Decontaminated	0%	0%	30%	30%	0%	0%	0%	0%	30%	0%	70%	70%		
% by area decontaminated and reusable	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	70%	70%		
% by area decontaminated and destroyed (treated waste)	0%	0%	30%	30%	0%	0%	0%	0%	30%	0%	0%	0%		
% by Mass of Contents Decontaminated	0%	0%	0%	90%	0%	0%	0%	0%	0%	0%	90%	90%		
% by mass decontaminated and reusable	0%	0%	0%	70%	0%	0%	0%	0%	0%	0%	90%	90%		
% by mass decontaminated and destroyed (treated waste)	0%	0%	0%	20%	0%	0%	0%	0%	0%	0%	0%	0%		
Total Cost, \$M	\$14.0	\$16.2	\$16.3	\$8.6	\$16.2	\$16.2	\$16.3	\$16.3	\$16.3	\$14.9	\$4.1	\$4.2	\$20.4	\$18.2
Decon Process Cost, \$M	\$2.3	\$4.5	\$4.5	\$4.5	\$4.5	\$4.5	\$4.5	\$4.6	\$4.5	\$3.2	\$2.8	\$2.8	\$0.7	\$0.7
Waste Management Cost, \$M	\$11.7	\$11.7	\$11.7	\$4.1	\$11.7	\$11.7	\$11.7	\$11.7	\$11.7	\$11.7	\$1.4	\$1.4	\$19.7	\$17.6
Material Removal/Replacement Time, k person hours	674.0	674.0	672.0	186.0	674.0	674.0	674.0	674.0	672.0	674.0	77.0	77.0	722.0	693.0
Removal Time, thousand person hours	664.0	664.0	661.0	175.0	664.0	663.0	663.0	664.0	661.0	664.0	72.0	72.0	693.0	693.0
Replacement Time, thousand person hours	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	4.0	4.0	29.0	0.0
Total Waste Generated, kilo Tons	3.0	3.0	3.0	1.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0	7.0	7.0
Removed for Waste Treatment & Disposal <i>(Materials & contents removed as waste prior to decontamination)</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Treated Waste <i>(Materials & contents decontaminated, but damaged by technology)</i>	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Potentially Contaminated Waste <i>(Materials & contents for which decontamination technology fails)</i>	3.0	3.0	3.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0	7.0	7.0



