

HEALTH AND SAFETYTable 6. Protective Devices for Emergency Workers as a Function of Surface Contamination

Surface Contamination			Respiratory Protection
Activity $\mu\text{Ci}/\text{m}^2$	dpm per 100 cm^2	cpm (ADM-300)	
< 6	< 133,200	< 20,000	No respiratory protection. If there is detectable contamination, gloves and booties should be worn at a minimum, and coveralls depending on the activity being performed.
6 to < 60	133,200 to 1,332,000	20,000 to 200,000	No respiratory protection for limited entries of up to 4 hours. Full protective clothing.
60 to 300	1,332,000 to 6,660,000	266,400 to 1,332,000	Air-purifying respirator (APR) and full protective clothing.
Above 300	Above 6,660,000	Above 1,332,000	Wear pressure-demand SCBA and full protective clothing. Source of contamination should be fixed as soon as possible.

Note: The above (revised) numbers are based on the corrected DAC of $13.32 \text{ dpm}/\text{m}^3$, the revised APF of 50, and an assumption of a 10^{-6} resuspension factor.