

Table 6.7. Summary of estimated effective dose equivalents to an adult during 1995 at locations of maximum exposure near the ORR

Pathway	Location	Effective dose equivalent (mrem) ^a
Gaseous effluents	Maximally exposed resident to	
Inhalation plus direct radiation from air, ground, and food chains	Y-12 Plant	0.46
	ORNL	0.2
	K-25 Site	0.052
	ORR	0.5
Liquid effluents		
Drinking water	Kingston Water Plant	0.15
Eating fish	Melton Hill Lake, CRK 80	0.93
Other activities	Melton Hill Lake, CRK 80	0.21
Eating deer		3
Eating geese		0.06
Direct radiation	Clinch River shoreline	1 ^b
	Poplar Creek (K-25 Site)	1

^a 1 mrem = 0.01 mSv.

^b This likely is an overestimate of the potential dose because the source of direct radiation was remediated during 1994.