Table 6-2. Radiological impacts of normal FMF operations at Oak Ridge Reservation

Alternate	Dose commitment/year[a]					
	T.body	Bone	Thyroid	Kidney	Lung	GI tract
Maximum individual (mrem/year)						
Atmospheric releases	4.7×10^{-2}	2.7×10^{-1}	6.3×10^{-5}	4.6×10^{-2}	2.3×10^{-2}	5.3×10^{-3}
Liquid releases	1.3×10^{-3}	2.1×10^{-2}	7.1×10^{-7}	3.5×10^{-3}	7.1×10^{-7}	3.8×10^{-4}
General population (man-rem/year)						
Atmospheric releases	3.6×10^{-2}	5.7×10^{-1}	1.4×10^{-5}	1.2×10^{-1}	8.1×10^{-1}	7.3×10^{-3}
Liquid releases	4.7×10^{-3}	7.5×10^{-2}	1.1×10^{-5}	1.6×10^{-2}	1.0×10^{-2}	3.8×10^{-3}
Total	4.0×10^{-2}					

a. The background population dose is estimated to be 7.4×10^{4} man-rem per year within 80 kilometers.