

Table 4-15. First-year dose to the maximally exposed individual from redistribution of cesium-137 and cobalt-60 from Steel Creek (millirem per year)

Age group	Skin	Bone	Liver	Total body	Thyroid	Kidney	Lung	GI-LLI
Adult	3.28×10^{-3}	3.88	5.30	3.48	2.83×10^{-3}	1.80	6.01×10^{-1}	1.08×10^{-1}
Teen	1.10×10^{-2}	4.00	5.31	1.86	9.42×10^{-3}	1.81	7.11×10^{-1}	8.66×10^{-2}
Child	2.29×10^{-3}	5.28	5.06	7.48×10^{-1}	1.99×10^{-3}	1.65	5.95×10^{-1}	3.45×10^{-2}
Infant	--	8.15×10^{-2}	9.55×10^{-2}	6.99×10^{-3}	--	2.56×10^{-2}	1.04×10^{-2}	5.26×10^{-4}

Table 4-16. First-year population dose from redistribution of cesium-137 and cobalt-60 from Steel Creek (person-rem per year)

Population group	Skin	Bone	Liver	Total body	Thyroid	Kidney	Lung	GI-LLI
80-km radius ^a	3.28×10^{-2}	1.38×10^1	1.74×10^1	9.04	2.84×10^{-2}	5.85	2.01	2.86×10^{-1}
Beaufort-Jasper ^b	--	4.45×10^{-1}	5.51×10^{-1}	2.94×10^{-1}	--	1.77×10^{-1}	6.11×10^{-2}	3.22×10^{-1}
Port Wentworth ^b	--	5.48×10^{-1}	7.53×10^{-1}	5.01×10^{-1}	--	2.55×10^{-1}	8.49×10^{-2}	9.59×10^{-2}
Total	3.28×10^{-2}	1.48×10^1	1.87×10^1	9.84	2.84×10^{-2}	6.28	2.16	7.04×10^{-1}

^aDose from consumption of fish and shellfish and recreational activities on the river.

^bDose from consumption of water from water-treatment plants.