

Table 5-24. Cumulative total-body doses from L-Reactor operation and other nearby nuclear facilities (preferred alternative)^a

Source of exposure	Atmospheric releases	Liquid releases	Total
MAXIMUM INDIVIDUAL ADULT DOSE (millirem per year)			
Cs-137 and Co-60 redistribution from Steel Creek	--	0.31	0.31
L-Reactor and support facilities Savannah River Plant - current operations	0.24	0.12	0.36
Fuel Materials Facility - SRP ^b	0.81	0.43	1.2
Defense Waste Processing Facility - SRP	0.000063	--	0.000063
Vogtle Nuclear Power Plant	0.0047	0.0077	0.012
	0.0060	1.6	1.6
Total	<u>1.1</u>	<u>2.5</u>	<u>3.5</u>
REGIONAL POPULATION DOSE ^c (person-rem per year)			
Cs-137 and Co-60 redistribution from Steel Creek	--	0.87	0.87
L-Reactor and support facilities Savannah River Plant - current operations	17	16	33
Fuel Materials Facility - SRP ^b	80	40	120
Defense Waste Processing Facility - SRP	0.0026	--	0.0026
Vogtle Nuclear Power Plant	0.23	1.2	1.4
	0.024	7.8	7.8
Total	<u>97</u>	<u>66</u>	<u>163</u>

^aDuring tenth year of L-Reactor operation.

^bAdopted from DOE, 1982b.

^cIncludes doses from water consumed at Beaufort-Jasper and Port Wentworth.