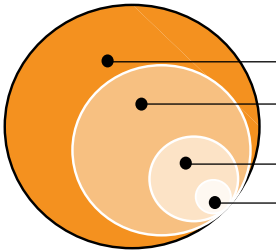


Total estimated dose due to emissions at Point Lepreau Generating Station

Comparison



Natural background radiation: 2,000-5,000 μSv per year

Legal limit for dose from emissions: 1,000 μSv per year (CNSC)

Single chest X-ray: approximately 70 μSv

Total radiation dose due to emissions from Point Lepreau Generating Station since 1984: 34.56 μSv

YEAR	LIQUID	AIRBORNE	TOTAL
1988	0.02	0.72	0.74
1989	0.07	0.70	0.77
1990	0.16	0.83	0.99
1991	0.08	0.73	0.81
1992	0.07	1.41	1.48
1993	0.12	2.12	2.24
1994	0.14	2.06	2.20
1995	1.12	1.25	2.37
1996	0.12	0.70	0.82
1997	0.17	0.56	0.73
1998	0.18	0.37	0.55
1999	0.52	0.31	0.83
2000	0.21	0.38	0.59
2001	0.09	0.40	0.49
2002	0.44	0.35	0.79
2003	0.06	0.27	0.33
2004	0.14	0.37	0.51
2005	0.06	0.48	0.54
2006	0.12	0.45	0.57
2007	0.19	0.52	0.71
2008	1.44	0.34	1.78
2009	0.30	0.08	0.38
2010	0.13	0.03	0.16
2011	0.14	0.11	0.25
2012	0.27	0.34	0.61
2013	0.02	0.35	0.37
2014	0.05	0.26	0.31
2015	0.05	0.52	0.57
2016	0.07	0.85	0.92
2017	0.02	0.71	0.73
2018	0.08	0.64	0.72
2019	0.08	1.12	1.20
2020	0.03	1.29	1.32
2021	0.03	1.25	1.28
2022	0.06	1.04	1.10
2023	0.07	0.80	0.87
2024	0.06	0.70	0.76
Total	7.14	27.42	34.56

* Please note all doses are in microsieverts (μSv).

April 2025

Information on the Environmental Radiation Program report can be obtained by contacting the Point Lepreau Generating Station at (506) 659-6433.