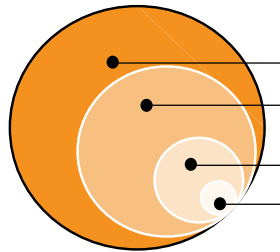


# Total estimated dose due to emissions at Point Lepreau Generating Station

## Comparison



Natural background radiation: 2,000-5,000  $\mu\text{Sv}$  per year

Legal limit for dose from emissions: 1,000  $\mu\text{Sv}$  per year (CNSC)

Single chest X-ray: approximately 70  $\mu\text{Sv}$

Total radiation dose due to emissions from Point Lepreau Generating Station since 1983: 25.78  $\mu\text{Sv}$

YEAR	LIQUID	AIRBORNE	TOTAL
1984	0.05	0.22	0.27
1985	0.02	0.35	0.37
1986	0.06	0.72	0.78
1987	0.03	0.70	0.73
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	0.13	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	0.51	0.56
<b>Total</b>	<b>6.65</b>	<b>19.13</b>	<b>25.78</b>

\* Please note all doses are in microsieverts ( $\mu\text{Sv}$ ).

February 2016

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