

SUBMERGED LOWER VOLUME / CONTAINMENT SUMP DOSE RATES & DOSES¹

Time	Gamma Dose Rate (rad/hr)	Beta Dose Rate (rad/hr)	Total Dose Rate (rad/hr)	Gamma Dose (rad)	Beta Dose (rad)	Total Dose (rad)
1 second	1.201E+06	1.791E+05	1.38E+06	1.668E+02	2.488E+01	1.92E+02
30 minutes	9.675E+05	1.388E+05	1.11E+06	5.377E+05	7.812E+04	6.16E+05
1 hour	8.100E+05	1.177E+05	9.28E+05	9.799E+05	1.418E+05	1.12E+06
2 hours	6.118E+05	9.462E+04	7.06E+05	1.682E+06	2.467E+05	1.93E+06
8 hours	2.834E+05	5.775E+04	3.41E+05	4.061E+06	6.719E+05	4.73E+06
1 day	1.315E+05	3.291E+04	1.64E+05	7.072E+06	1.364E+06	8.44E+06
7 days	3.467E+04	8.429E+03	4.31E+04	1.511E+07	3.346E+06	1.85E+07
30 days	9.922E+03	3.262E+03	1.32E+04	2.527E+07	6.123E+06	3.14E+07
90 days	3.470E+03	1.753E+03	5.22E+03	3.307E+07	9.351E+06	4.24E+07
180 days	1.733E+03	1.221E+03	2.95E+03	3.838E+07	1.249E+07	5.09E+07
365 days	7.349E+02	7.538E+02	1.49E+03	4.328E+07	1.673E+07	6.00E+07

¹ Per Calculation RS-C-0046