

MSLRM Actual Maximum DR-53 Dose Calculations utilizing ODCM Methodology

Prepared by SP Skibniowsky -5/10/06 (Data from 5/9/06 @0600 to 5/10/06 @0600)

MSLRM <u>Maximum Actuals</u>						Calculated DR-53 Dose received from Turbine Sources (ODCM Methodology) (31 Day Standard Month, 91 Day Standard Quarter, 365 Day Standard Year) (To Determine <u>Total</u> DR-53 Dose - Add 0.12 mrem per month from other sources)							
New Power Level	MWTH	<u>Line A</u>	<u>Line B</u>	<u>Line C</u>	<u>Line D</u>	<u>mrem</u> (Using Main Steam Line A mR/hr)	<u>mrem</u> (Using Main Steam Line B mR/hr)	<u>mrem</u> (Using Main Steam Line C mR/hr)	<u>mrem</u> (Using Main Steam Line D mR/hr)	<u>mrem</u> (Using Main Steam Line C mR/hr)	<u>mrem</u> (Using Main Steam Line D mR/hr)	<u>mrem</u> (Using Main Steam Line C mR/hr)	<u>mrem</u> (Using Main Steam Line D mR/hr)
		mR/hr	mR/hr	mR/hr	mR/hr								
83.30%	1593	161	158	157	173	Month 1.07 Quarter 3.14 Year 12.59	Month 1.05 Quarter 3.08 Year 12.36	Month 1.04 Quarter 3.06 Year 12.28	Month 1.15 Quarter 3.37 Year 13.53	Month 1.04 Quarter 3.06 Year 12.28	Month 1.15 Quarter 3.37 Year 13.53	Month 1.04 Quarter 3.06 Year 12.28	Month 1.15 Quarter 3.37 Year 13.53
85.4	1633	165	159	155	172	Month 1.10 Quarter 3.22 Year 12.91	Month 1.06 Quarter 3.10 Year 12.44	Month 1.03 Quarter 3.02 Year 12.12	Month 1.14 Quarter 3.35 Year 13.45	Month 1.03 Quarter 3.02 Year 12.12	Month 1.14 Quarter 3.35 Year 13.45	Month 1.03 Quarter 3.02 Year 12.12	Month 1.14 Quarter 3.35 Year 13.45
87.5	1673	168	163	160	176	Month 1.12 Quarter 3.28 Year 13.14	Month 1.08 Quarter 3.18 Year 12.75	Month 1.06 Quarter 3.12 Year 12.51	Month 1.17 Quarter 3.43 Year 13.77	Month 1.06 Quarter 3.12 Year 12.51	Month 1.17 Quarter 3.43 Year 13.77	Month 1.06 Quarter 3.12 Year 12.51	Month 1.17 Quarter 3.43 Year 13.77
89.5	1712	169	163	160	176	Month 1.12 Quarter 3.30 Year 13.22	Month 1.08 Quarter 3.18 Year 12.75	Month 1.06 Quarter 3.12 Year 12.51	Month 1.17 Quarter 3.43 Year 13.77	Month 1.06 Quarter 3.12 Year 12.51	Month 1.17 Quarter 3.43 Year 13.77	Month 1.06 Quarter 3.12 Year 12.51	Month 1.17 Quarter 3.43 Year 13.77
91.7	1753	171	167	164	180	Month 1.14 Quarter 3.33 Year 13.38	Month 1.11 Quarter 3.26 Year 13.06	Month 1.09 Quarter 3.20 Year 12.83	Month 1.20 Quarter 3.51 Year 14.08	Month 1.09 Quarter 3.20 Year 12.83	Month 1.20 Quarter 3.51 Year 14.08	Month 1.09 Quarter 3.20 Year 12.83	Month 1.20 Quarter 3.51 Year 14.08
93.7	1792	176	171	167	184	Month 1.17 Quarter 3.43 Year 13.77	Month 1.14 Quarter 3.33 Year 13.38	Month 1.11 Quarter 3.26 Year 13.06	Month 1.22 Quarter 3.59 Year 14.39	Month 1.11 Quarter 3.26 Year 13.06	Month 1.22 Quarter 3.59 Year 14.39	Month 1.11 Quarter 3.26 Year 13.06	Month 1.22 Quarter 3.59 Year 14.39
95.8	1832	180	173	171	188	Month 1.20 Quarter 3.51 Year 14.08	Month 1.15 Quarter 3.37 Year 13.53	Month 1.14 Quarter 3.33 Year 13.38	Month 1.25 Quarter 3.67 Year 14.70	Month 1.14 Quarter 3.33 Year 13.38	Month 1.25 Quarter 3.67 Year 14.70	Month 1.14 Quarter 3.33 Year 13.38	Month 1.25 Quarter 3.67 Year 14.70
97.9	1872	184	179	176	195	Month 1.22 Quarter 3.59 Year 14.39	Month 1.19 Quarter 3.49 Year 14.00	Month 1.17 Quarter 3.43 Year 13.77	Month 1.30 Quarter 3.80 Year 15.25	Month 1.17 Quarter 3.43 Year 13.77	Month 1.30 Quarter 3.80 Year 15.25	Month 1.17 Quarter 3.43 Year 13.77	Month 1.30 Quarter 3.80 Year 15.25
100%	1912	190	187	183	200	Month 1.26 Quarter 3.71 Year 14.86	Month 1.24 Quarter 3.65 Year 14.63	Month 1.22 Quarter 3.57 Year 14.31	Month 1.33 Quarter 3.90 Year 15.64	Month 1.22 Quarter 3.57 Year 14.31	Month 1.33 Quarter 3.90 Year 15.64	Month 1.22 Quarter 3.57 Year 14.31	Month 1.33 Quarter 3.90 Year 15.64