

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