

Radiation Team Practice Data								
TEPC1								
Column	A	B	C	D	E	F	G	H
Table Headings	UTC	15 min Dose Total	Cumulative Dose	Rate of Change	Time to Criticality	Time to Criticality	24 hour Projected Total	24 Hour Projected Total
Units	HH:MM	mrem/s	mrem/s	Mrem/min	Minutes	Hours	mrem/s	Rem/s
Calculations	From Data	From Data	C = B + Previous C	D = $\frac{B}{15}$ min	E = $\frac{100,000 - C}{D}$	F = E / 60 min	G = d X 1440 (min)	H = G / 1000
					D			
	15:00	697	697	46	2,137	36	66,912	67
	15:15	964	1,661	64	1,530	26	92,544	93
	15:30	1,068	2,729	71	1,366	23	102,528	103
	15:45	649	3,378	43	2,233	37	62,304	62
	16:00	1,737	5,115	116	819	14	166,752	167
	16:15	2,632	7,747	175	526	9	252,672	253
	16:30	2,602	10,349	173	517	9	249,792	250
	16:45	2,902	13,251	193	448	7	278,592	279
	17:00	2,920	16,171	195	431	7	280,320	280
	17:15	2,697	18,868	180	451	8	258,912	259
	17:30	2,222	21,090	148	533	9	213,312	213
	17:45	2,924	24,014	195	390	6	280,704	281
	18:00	2,339	26,353	156	472	8	224,544	225
	18:15	2,759	29,112	184	385	6	264,864	265
	18:30	2,928	32,040	195	348	6	281,088	281
	18:45	2,562	34,602	171	383	6	245,952	246