Homework: For Teacher Training, please try to complete the chart below before training day. Trust us, this will help you immensely to understand the material better. Instructions are on the pages that follow.

Radiation Team – Data Tracking Table
Circle One: TEPC1 (Portable)   TEPC2 (Stationary)

Column	A	B*	C	D	E	F	G	H*
Table Headings	UTC	20 min Dose Total	Cumulative Dose	Dose Rate	Time to Criticality	Time to Criticality	24 hour Projected Total	24 Hour Projected Total
Units	24 Hour Clock	mrems	mrems	mrem/min	minutes	hours	mrems	rems
Calculations	From Data	From Data	C= B+ Previous C	$D= \dfrac{B}{20\ min}$	$E = \dfrac{100{,}000 - C}{D}$	F= E / 60 min	G = C+ (D X 1440)	H = G/ 1000
	15:00	697	697	35	2,837	47	51,097	51
	15:20	964	1,661	48	2,049	34	70,781	71
	15:40	1,068	2,729	53	1,835	31	79,049	79
	16:00	649						
	16:20	1,737						
	16:40	2,632						
	17:00	2,602						
	17:20							
	17:40							
	18:00							
	18:20							
	18:40							
	19:00							
	19:20							
	19:40							

* Graph this column.

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	15:00	1,512	1,512	76	1,296	22	110,952	111
	15:20	2,373	3,885	119	808	13	175,245	175
	15:40	1,851	5,736	93	1,014	17	139,656	140
	16:00	1,152						
	16:20	3,073						
	16:40	5,997						
	17:00	6,901						
	17:20							
	17:40							
	18:00							
	18:20							
	18:40							
	19:00							
	19:20							
	19:40							

* Graph this column.