

Hall: **A****RADIATION BUDGET FORM**

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Exp. # **C12-10-009**

rev:

run dates: **2016**name of liaison: **P. Schuster**

setup number			1	2	3	4	<i>totals:</i>	
beam	energy	GeV	1.1	2.2	3.3	4.4		
	current	uA(CW)	50.0	100.0	120.0	90.0		
exp't target	element		C	W	W	W		
	thickness	mg/cm2	299	189	358	358		
time	run time (100% eff.)	hours	170	166	170	314	820	
		days	7.1	6.9	7.1	13.1	34.2	
	installation time	hours					0	
		days	0.0	0.0	0.0	0.0	0.0	
dose rate at the fence post (run time)	method 1	urem/hr	0.38	1.14	2.84	2.12		
	method 2	urem/hr						
	conservative	urem/hr	0.38	1.14	2.84	2.12		
dose per setup		urem	64	190	483	665	1401.6	
% of annual dose budget		%	0.6	1.9	4.8	6.6	14.016	

% of allowed dose for the total time

149.73

% of allowed dose for the run time only

149.73

*If > 200%, discuss result with Physics Research EH&S officer**date form issued:*

March 22, 2016

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