Hall: C

RADIATION BUDGET FORM

Exp. # E_GRAMES **rev:** **run dates: March 1-5, 1999** **name of liaison: Joe Grames**

setup number			**1**	
beam	energy	GeV	**3.407**	***totals:***
	current	uA(CW)	**3.0**	
exp't target	element		**Fe**	
	thickness	mg/cm2	**3**	
	dist. to pivot	m	**0.0**	
	Z		**26**	
	A		**56**	
critical window	radius	cm	**0.19**	
	dist. to pivot	m	**3.90**	
scattering weighting factor			**0.50**	
time	run time (100% eff.)	hours	**120**	**120**
		days	**5.0**	**5.0**
	installation time	hours		**0**
		days	**0.0**	**0.0**
dose rate at the fence post (run time)	method 1	urem/hr	**0.25**	
	method 2	urem/hr		
	conservative	urem/hr	**0.25**	
dose per setup		urem	**30.0**	**29.954**
% of annual dose budget		%	**0.300**	**0.2995**
% of allowed dose for the total time				**21.867**
% of allowed dose for the run time only				**21.867**

If > 200%, discuss result with Physics Research EH&S officer

date form issued: February 5, 1999 *authors:* P. Degtiarenko