

### Job Risk Analysis

Name(s) of Risk Team Members: J. Scott, J. Maraviglia				Point Value → Parameter ↓	1	2	3	4	5							
Job Title: Tour of Building 912 Experimental Floor Job Number or Job Identifier: JRA 22-05				Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift							
Job Description: Tours of Building 912 Experimental Areas that Involve the Public				Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability							
Training and Procedures List (optional):				Likelihood (D)	Impossible(Extremel y Unlikely)	Unlikely	Possible	Probable	Multiple							
Approved by: <i>E. Lessard</i> Date: 5-13-05      Rev. #: 0																
Stressors (if applicable, please list all):				Reason for Revision (if applicable): Yearly update			Comments: Tour group for this tour consisted of 3 people.									
				Before Additional Controls					After Additional Controls							
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Disembark and embark at 911.	Traffic accident	Escorts, individuals controlling the traffic flow, disembark on the right side of road only	N	3	1	5	2	30								
Walk from bus to entrance at 911	Falls at the same level	Clear walking areas, non-slip surfaces	N	3	1	4	2	24								
Walk to 912 experimental building	Falls at the same level	Railings	N	3	1	4	2	24								
Tour of radiation area	radiation	Qualified Escorts, temporary film badge, HP surveys of area, area radiation monitoring, DOE and BNL dose limits for visitors, Parental consent for minors, Escort forms with instructions.	N	3	1	1	2	6								
Tour of Building 912	Struck against object due to equipment mounted on wall	Pads on equipment surfaces, proper lighting, escorts, doors and gates held open, limits on number in tour group, tour guides trained in emergency preparedness, fences preventing access to restricted equipment/areas	N	3	1	2	2	12								
Tour of Building 912	Falls from height	Railings, clear aisle ways, floor plates in place or area fenced, proper lighting, tour guides trained in emergency preparedness.	N	3	1	4	2	24								

Tour of Building 912	Falls at the same level	Clear surfaces on grounds and driveway, high bay roll-up door is used for access/egress, clear aisle ways, proper lighting, no work during tours, limits on number in tour group, tour guides trained in emergency preparedness, fences preventing access to restricted equipment/areas	N	3	1	4	2	24								
Further Description of Controls Added to Reduce Risk:																
*Risk:	0 to 20	21 to 40	41-60			61 to 80			81 or greater							
	Negligible	Acceptable	Moderate			Substantial			Intolerable							