

NC Facility Risk Assessment

Name(s) of Risk Team Members: L. Davis, D. Elling, S. Hoey, W. Litzke, A. Piper	Point Value Parameter → ↓	1	2	3	4	5
Job Title: General Fire Issues	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Number or Job Identifier: NC-FRA-005						
Job Description: General Fire issues throughout the CFN building	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training Procedures List (Optional):	Likelihood (D)	Very Unlikely	Unlikely	Possible	Probable	Multiple
Approved by: S. Hoey Date: 12/29/07 Rev. #: 0						
Stressors (if applicable, please list all)		Reason for Revision (if applicable):			Comments:	

Activity	Hazard	Control(s)	Before Additional Controls					Control(s) Added to Reduce Risk	After Additional Controls					% Risk Reduction	
			Stressor	# of People A	Frequency B	Severity C	Likelihood D		Risk* AxBxCxD	Stressors	# of People A	Frequency B	Severity C		Likelihood D
1. Electrical Fire	Smoke and Heat	Fire detection and suppression systems, Life Safety Code compliance, marked exits, emergency procedures, NEC compliant installations, on site fire rescue, Tier 1 inspections	N	1	3	3	3	36							
	Injury due to panic		N	1	5	2	3	15							
2. Fire Caused by ignition of flammable gas	Smoke and Heat	Fire detection and suppression systems, Life safety code compliance, marked exits, emergency procedures, segregation of incompatible chemicals, experimental review, minimize quantities, labeling, BNL fire rescue, tier 1 inspections	N	1	5	2	3	15							
	Injury due to panic		N	1	5	2	3	15							

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3. Combustible Material Fire	Smoke and Heat	Fire detection and suppression systems, Life safety code compliance, marked exits, emergency procedures, BNL fire rescue, tier 1 inspections	N	1	3	3	3	18							
	Injury due to panic		N	1	2	2	3	12							
4. Chemical Fire	Smoke and Heat	Fire detection and suppression systems, Life safety code compliance, marked exits, emergency procedures, segregation of incompatible chemicals, chemical storage cabinets, experimental review, minimize quantities, labeling, Bnl fire rescue, tier 1 inspections.	N	1	3	3	3	18							
	Injury due to panic		N	1	2	2	3	12							
5. Outdoor fire due to smoking or wild fire	Smoke and Heat	Policy for no smoking in building, designated smoking areas with butt stop containers, Tier 1, non smoking areas posted	N	1	5	3	1	15							

*Risk:	0 to 20	21 to 40	41-60	61 to 80	81 or greater
	Negligible	Acceptable	Moderate	Substantial	Intolerable