

To assess the severity of infectious disease hazards, we will analyze potential outcomes such as transmission rates, workforce health impacts, and operational disruptions. Each of these factors contributes to the overall severity and probability categorizations used to evaluate the risk level. This proactive approach helps identify, mitigate, and monitor infectious disease risks within our operations, ensuring compliance with best practices for health and safety. Hazard severity categories are defined to provide a qualitative measure of the worst credible mishap from resulting from personnel error, environmental conditions, design inadequacies, and procedural deficiencies for a system, subsystem or component failure or malfunction. Table 1 below summarizes the hazard severity categories. It reflects the principle that not all hazards pose an equal amount of risk to personnels.

Table 1 – Safety Risk Severity

Severity Level	Characteristics			
	People	Equipment/Services	Financial	Reputational
Catastrophic 1	Several deaths and/or numerous severe injuries (per event)	Total loss of equipment or system interruption, requiring months to repair	Estimated loss in excess of \$5 million	Ongoing media coverage, irreparable reputational damage, government intervention (weeks to -months)
Critical 2	Low number of deaths and/or severe injuries (per event)	Significant loss of equipment or system interruption, requiring weeks to repair	Estimated loss in the range of \$500,000 to \$5 million	Prolonged media campaign, serious reputational damage, sustained government involvement (days to -weeks)
Major 3	Minor injury and possible serious injury (per event)	Some loss of equipment or system interruption, requiring 7 days or less to repair	Estimated loss in the range of \$50,000 to \$500,000	Adverse media coverage, reputational damage, government involvement
Marginal 4	Possible minor injury (per event)	Some loss of equipment, no system interruption, less than 24 hours to repair	Estimated loss in the range of \$1000 to \$49,999	Local media coverage and some reputational damage
Insignificant 5	No injury	Minor damage to equipment, no system interruption, no immediate repair necessary	Estimated loss is likely less than \$1000	No adverse media or reputational damage