

Section II - Mitigation / Hazard Vulnerability Analysis

The following Internal and External Disaster conditions have been evaluated for Probability and Impact, as well as, identification of the Office of Primary Responsibility (OPR):

1. Probability of occurrence
2. Potential Impact on the University
3. A rating system has been established and assigned to each type of incident as follows:
(None = 0, Minor = 1, Medium = 2, Major = 3)
A Total Rating is achieved as follows: (Probability X Organizational Impact)

TECHNOLOGY EVENTS

TYPE	PROB.	MPACT	TOTAL	OPR	Tab #
Utility System Failures				Facilities	
Power Outage - Electrical	3	3	9		A
Water Loss	2	3	6		B- Reserved
Natural Gas	2	3	6		C- Reserved
Sewer Failure	2	2	4		H- Reserved
Generator Failure	2	2	4		D- Reserved
HVAC Failure	2	2	4		E- Reserved
Fire Alarm Failure	2	2	4		F- Reserved
Elevator Entrapment	3	1	3		G- Reserved
					I- Reserved
					J- Reserved
Information Technology				IT	
Information System Failure (including Communication)	3	3	9		K-1
System-wide viruses &/or cyber data breach	2	3	6		K-2 Reserved
Network Interruptions	2	2	4		K-3 Reserved
Other Systems/Processes					
Supply Shortage	1	2	2	Parkhurst	L- Reserved
Structural Damage	1	2	2	Facilities	M- Reserved
Transportation Failure – including shuttle service	1	3	3	Facilities /Business	N- Reserved
Fuel Shortage – vehicles & emergency generators	1	2	2		

HUMAN RELATED EVENTS

TYPE	PROB.	IMPACT	TOTAL	OPR	Tab #
Violence/Domestic				Public Safety	
Bomb Threat or Suspicious Packages	3	3	9		O
					P- Open
Active Shooter/ Hostage Barricade Situation	3	3	9		Q

Sudden Death or Serious Incident Involving a Student(s) or Employee(s)	2	3	6		R- Reserved
Domestic / Disturbance (campus disruption or protests)	2	2	4		S- Reserved
Terrorist Action	1	3	3		T- Reserved
Riot/ Civil Unrest	1	2	2		U- Reserved
					V- Reserved
					W- Reserved
Accidents					
Fire Emergency	3	3	9	Public Safety	X
Hazmat Incident (see – SPCC, PPC, & ISC Ammonia Plan)	2	3	6	Safety	Y- Reserved
Nuclear Accident	1	3	3	Safety	Z- Reserved
Plane Crash (on or near campus)	1	3	3	Public Safety	AA- Reserved
Incident involving RMU students/employees traveling to or from university sanctioned event (domestic & international)	3	3	9		BB- Reserved
Other Incidents					
Loss of building(s) – academic, residence hall, etc...	2	3	6	Facilities & User Dept...	CC- Reserved
Mass Casualty Incident	2	3	6	Public Safety	DD- Reserved
Medical Emergency	3	1	3	Public Safety	EE- Reserved
Missing Person(s)	1	2	2	Public Safety	FF- Reserved
Labor Action	1	2	2	HR	GG- Reserved
Evacuation – Campus Wide	1	3	3	Public Safety	HH
Suicide Prevention					II

NATURALLY OCCURRING EVENTS

TYPE	PROB.	IMPACT	TOTAL	OPR	Tab #
Weather Events				Public Safety	
Extreme Weather Conditions (Cold/Snow/Heavy/Rain/Flood)	3	3	9		JJ
Tornado / High Winds	1	3	3		MM- Reserved
Earthquake	1	3	3		OO- Reserved
Drought	1	1	1		PP- Reserved
Severe Heat	1	1	1		QQ- Reserved
Lightning Strike	1	1	1		RR- Reserved
Illness / Disease					
Infectious Outbreak or Pandemic, SARS, Meningitis	3	3	9	Student Health	SS
Infectious Outbreaks in study abroad countries.	3	2	6	CGE & Student Health	TT- Reserved

Recognizing that the Hazard Vulnerability Analysis has identified a number of occurrences which could have an impact on the university, the following are examples of measures which have been taken to limit the impact of the various disasters.

Technology Events

- Installation and Preventive Maintenance (PM) of emergency generators.
- Installation and PM of emergency lighting.
- Battery backup for other critical equipment (phone)
- Secondary power feed to campus installed and available.

Human Related Events

- Development of a Incident Command Center equipped with communication and information systems.
- Communications with local emergency response including, providing emergency management information (plans, chemical reporting, etc.).
- Training University personnel in recognition and response to such events.
- Prepared SPCC (Spill Prevention, Control and Countermeasures) & PPC (Preparedness, Prevention and Contingency) plans for bulk chemical storage; obtained chemical spill control supplies & personal protective equipment; secondary containment for chemical storage and provide personnel training.

Naturally Occurring Events

- Monitoring of local news / internet for US Weather Service alerts.
- Installation of TV in Operations Center and Public Safety for news updates.