SECTION 11.15
EARTHQUAKE

PROCEDURES TO BE FOLLOWED IN THE EVENT THAT A SIGNIFICANT EARTHQUAKE AFFECTS LOMA LINDA UNIVERSITY HEALTH

RESPONSE

During The Earthquake: All Personnel

DUCK, COVER, HOLD: Take refuge under desks, tables, in corners of rooms. Kneel down, cover your head.

- **Remain Calm**: Think about your actions. Do not abandon responsibilities. Do not run.
- **If indoors, stay there**: Avoid windows, mirrors, light fixtures; large cabinets, furniture or equipment which might topple.
- **Do not evacuate:** Wait until the shaking subsides to attempt any evacuation.
- **If outdoors, stay in the open:** Move away from overhanging structures, utility wires.
- **Stay in your car:** In an automobile, stop in a safe place away from utility lines and trees.

After The Earthquake: All Personnel

1. **Account for all persons** in your area at the time of the earthquake. Check closets, work areas, restrooms.
2. **Check for injuries**, persons needing assistance.
3. **Assess damage:** broken glass, building collapse, damaged equipment, utilities disruption.
4. **Check for hazards:** fire, hazardous materials, blocked exits.
5. **Report any urgent conditions** to Security Control Center, ext.911, if telephones are operating.
6. **In case of fire:** Implement the R.A.C.E. fire plan.
7. **Do not use phones** or FAX machines except to report emergencies.
8. **Avoid identified hazards:** exposed wires, broken glass, collapsed walls, ceilings or stairs, hazardous materials.
9. **No open flames:**

14. **Stay away**

5. Restore critical services as soon as possible.

After The Earthquake: Student Services

1. Inform students where to go for water, shelter, first aid, and where to report to assist disaster recovery operations. Student shelter locations include but are not limited to:

   Drayson Center gym if found to be structurally sound. If not structurally sound, Drayson Center Super field once the area is deemed safe from hazards including any nearby train derailments.
   Centennial Complex if found to be structurally sound. If not structurally sound, Lot X north of Centennial Complex, once the area is deemed safe from hazards including any nearby train derailments.
   P2 Parking Structure which is located west of Campus st. adjacent to School of Nursing if found to be structurally sound.
   Zone Based Disaster Caches (ZBDC) will have quick deploy shelters available to students and staff. Trained ZBDC response team members will deploy shelters, water, first aid supplies, and light search and rescue equipment near these buildings.

Personnel implement provisions of LLUH *EOP Section 5.1: MCI Response* and *LLUH EOP Section 6.1: Internal Damage Incident Response Plan.*

PREPARATION

Education and Training:

1. The Safety Officers oversee an education and training program to ensure that faculty and staff is equipped with the knowledge necessary to function appropriately in emergency situations. At minimum, it is expected that all faculty and staff will be able to describe or demonstrate the following:
   - Risks within the organization's environment
   - Actions to eliminate, minimize and report risks
   - Procedures to follow in the event of an incident
   - Reporting processes for common problems, failures and user errors
   - Individual roles and responsibilities for emergency management
   - Recognizing specific types of emergencies (e.g., agents of chemical or biological terrorist attack)
   - Roles and past participation in organization-wide drills
   - Obtaining supplies and equipment during emergencies

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overwhelm the routine operation of the facility.
- At least one of the emergency response exercises includes an escalating event in which the local community is unable to support LLUH operations.
- Participation in the California Great Shakeout earthquake readiness and response drill.

2. Persons expected to serve in HICS functions train by observing another individual performing in their designated position during a disaster drill.

MITIGATION

Hazard Vulnerability Analysis (HVA):

1. A Hazard Vulnerability Analysis (HVA) is performed annually to update the priorities assigned to emergency incidents for use in emergency planning.

2. Hazard vulnerability assessments undertaken have consistently indicated that the greatest risk of disruptive damage to LLUH would be due to a significant seismic event.

3. Seismic risk values associated with Maximum Credible Event (MCE) and Maximum Probable Event (MPE) are used to prioritize mitigation activities in:
   - Structural Hazard Mitigation
   - Non-structural Hazard Mitigation
   - Hazardous Materials Mitigation
   - Utilities Systems Protection
   - Research Equipment Protection.

Non structural Mitigation

Mitigation options:
- modify or anchor to protect the existing component;
- abandon the component, remove it and eliminate the function;
- replace existing components with newer, seismically stable components;
- relocate the component.

Hazardous Materials Mitigation

The Office of Environmental Health & Safety is responsible to implement processes and procedures to reduce the incidence and severity of hazardous materials incidents. These processes include:
- Requirements for storage, handling and disposal of hazardous materials.
- Environmental audits
- Chemical monitoring
- Laboratory surveys
- Training

Other Disaster Caches: Schools, residence halls, and Drayson Center have water/disaster caches that can be deployed when

function) against availability of resources.