**EARTHQUAKE ANNEX**

**I. Purpose**

This hazard specific annex describes the actions to be taken by Lawrence County to prepare for and respond to an earthquake. Earthquakes can cause extensive damage to public and private property, and can cause numerous injuries and deaths within the region. A major or damaging earthquake may require the activation of all functional annexes of emergency response operations of the Lawrence County Emergency Operations Plan (EOP). This and other annexes to the EOP support and expand the general concept of operations, organizations, and responsibilities of Lawrence County.

This earthquake annex provides general and specific functional procedures for first responders. Major earthquakes may overburden all local capabilities and resources such as personnel, equipment, vital facilities, and supplies. These resources may also be damaged, destroyed or be insufficient to meet the catastrophe. The government of Lawrence County bears the responsibility for earthquake planning, preparedness, response, and recovery.

II. SITUATION AND ASSUMPTIONS

A. Situations

1. The New Madrid Seismic Zone generated earthquakes, which may impact at least a 29 county area in Southern Illinois, is the most active fault zone east of the Rocky Mountains and has an extensive history of earthquakes, including some of the largest ever recorded. In addition, numerous counties in six surrounding states are also within this earthquake zone and are also susceptible to major damage from earthquakes. Lawrence County is within this zone which is highly susceptible to damaging earthquakes and this annex is an attempt to plan and prepare for and hopefully minimize the effects of possible damaging earthquakes.

The actual movement of the ground in an earthquake is seldom the direct cause of injuries and fatalities. Many injuries and casualties result from falling objects and debris as a result of shocks which shake, damage, or demolish buildings and/or other structures. The disruption of communications, power, gas, sewer, and water systems can be expected. Earthquakes may also trigger landslides which can cause extensive damage. Hazardous materials incidents also have a high probability of occurrence as a result of ground shaking from an earthquake.

Experts have estimated that enough energy has been stored to produce another earthquake of at least 6.0 to 7.0 magnitude along the New Madrid Fault (1895 in Charleston, Missouri was the last occurrence of a 6.8 magnitude earthquake). There is also a probability of a larger than 7.0 magnitude earthquake occurring. Earthquakes of this magnitude could be felt across the United States with major direct damage in at least seven states surrounding the New Madrid Seismic Zone. There is thus a crucial need to increase the public’s awareness and preparedness for the possibility of such an event in order to reduce the casualties, injuries, and damages which would result.

In the event of a major, damaging earthquake, there could be numerous bridge failures over the county’s water shed system. Fire and explosions from natural gas and petroleum pipeline ruptures would increase damage, in addition to disrupting utility services. Railroads, highways, telecommunications, and electric power networks can be expected to receive damage and disruption.

B. Assumptions

1. A major earthquake or a series of quakes effecting Illinois could result in:

* substantial numbers of deaths and injuries.
* destruction of a large percentage of facilities that provide and sustain human needs.
* an overwhelming demand on local and state resources.
* severe long-term effects to the general economic well-being of the region.
* major effects on local, private sector, and state initiatives to begin and sustain initial recovery efforts.

2. Due to the estimates mentioned in the Situation section, the planning in this document is accomplished assuming the occurrence of an earthquake of 6.0 to 7.0 magnitude quake which both earthquake experts and seismologists believe is highly probable in the Midwest.

3. An earthquake can occur without warning and at a time of day which could produce a maximum number of casualties. Access to and from the damaged areas may be severely restricted for hours and perhaps days. Thus, Lawrence County should prepare to be self-sustaining for no less than 72 hours (and possibly longer). Communications and life support systems could be severely disrupted or destroyed. Also, earthquakes and the aftershocks may trigger fires, landslides, liquefaction, flooding, and releases of hazardous materials.

4. The damage resulting from a major or catastrophic earthquake could most likely be widespread. Seismic caused ground motions will vary within a geographical region, and so will resulting damages. There may be high concentrations of damage in some areas with only slight damages in others. A quick evaluation of areas damaged will facilitate effective responses.

5. Initial reports of the earthquake may not reflect the true nature of the problem. An objective on-the-scene evaluation and assessment must be made as soon as possible and as damage assessment teams can be dispatched.

6. Lawrence County must give special consideration to urban search and rescue, debris removal, mass medical care, and public health problems. Earthquakes are different from other disasters, such as flooding or hazardous materials spills/accidents, where evacuation and shelter are primary needs. Earthquakes have a greater potential for disrupting communications than do other disasters. Earthquakes will also make the coordination of services more difficult and the acquisition of resources much more critical.

7. Resources will probably be inadequate to respond to the needs of residents after a major earthquake. Again, Lawrence County officials and residents should plan to be self-sufficient for at least 72 hours after a quake. The Lawrence County must establish priorities and procedures for the use of available resources, and the priorities for the restoration of utilities, communications, and transportation networks.

8. A major or catastrophic earthquake will most likely result in a quick Proclamation of State of Emergency first by the Lawrence County Board Chairman, then by the Governor, and followed later by a Presidential Disaster Declaration. Consequently allowing State and Federal life support and emergency response operations to begin. Resources may not be available in any large quantities for the first 72 hours, and even then may be insufficient to meet the (insert jurisdiction name) needs.

**III. Concept of Operations**

A. This hazard specific annex anticipates that if an earthquake is strong enough to cause extensive damage, affected residents and emergency personnel will experience it firsthand. As soon as the initial shaking stops, damage assessment personnel will make an initial survey of the damage in Lawrence County and report to the appropriate officials.

As reports of damages are received, officials will follow established procedures. If serious damage occurs in an area between jurisdictions, the first emergency response team to arrive is responsible for initial emergency actions.

Due to the nature of damages from an earthquake, local planning priorities might change. Overall, the need to re-establish reliable communications will determine if the remaining response and recovery functions can be directed and controlled adequately and appropriately. Other functions which should be given the highest priority include:

* Emergency medical services
* Search and rescue operations
* Essential debris removal (i.e. major routes or critical facilities)
* Evacuation of structures
* Public health
* Public works/highways
* Resource management (priorities should be pre-determined)

B. If it is determined that residents may not return to their homes, the Lawrence County’s EMA Coordinator should be consulted so that the appropriate emergency shelter and support services can be arranged.

C. Lawrence County officials should immediately notify the Illinois Emergency Management Agency (IEMA) through any means available, and provide all known information about the earthquake and periodic follow-up reports should occur. The State Emergency Operating Center (SEOC) should be kept informed of situations on site to the maximum extent possible by appropriate officials, even if local officials can handle the situation effectively. Damage assessment forms should be used for status updates and to track activities. Adequate overall record keeping of all activities should be given a high priority.

D. If the IEMA Regional Coordinator, Chief of Operations, and/or Director determines additional communications are required, a request for mobile equipment and operations will be considered and priorities assigned at the State Emergency Operations Center. If the area impacted is wide-spread, a Mobile Command Post may be moved to a centralized location which may or may not be in the affected area depending on the circumstances.

E. When State response is solicited under this annex, all primary operational decisions, to include evacuation, relocation and sheltering, debris removal and sanitation, media control or other related matters shall be a result of joint consultations and consensus decisions involving all appropriate Lawrence County officials, State, and Federal agencies on the scene.

F. A Joint Public Information Center should be established to coordinate the flow of information to the media and public. All public information activities should be coordinated with the IEMA Public Information Officer or appropriate official either on the scene and/or with the State Emergency Operations Center.

**IV. Organizations and Assignment of Responsibilities**

A. The ultimate authority for emergency management in Lawrence County is the Lawrence County Board Chairman who directs emergency operations and provides official information and instructions to the public.

B. The coordination group analyzes all available information on the situation, develops and refines a joint response and recovery strategy, plans the deployment of field units to ensure the availability of appropriate agency, department or organization to deal with the situation at particular locations, and makes certain that all responders work together in a mutually supportive manner.

C. The operations group implements the strategy and plan of the coordination group. They communicate with the Lawrence County Emergency Operations Center and other responding emergency organizations concerning the status of current operations.

D. The individual and/or group assigned responsibility for maintenance, review and updating of the jurisdictions’ Emergency Operations Plan (EOP) and its annexes shall also be responsible for this hazard specific annex.

E. If conditions exceed the local authorities ability to respond, requests for assistance will be forwarded to the Illinois Emergency Management Agency (IEMA).

**V. Succession of Command**

Lines of succession will remain the same as in the Basic Section and each functional annex.

**VI. Appendicies**

A. Functional Operations Checklist

B. Lawrence County Mass Care Facilities Earthquake Resistance Protection Ranking

C. Radio and Media Sample message sheets

Appendix A

Functional Operations Checklist for

Communications and Warning

Pre-Emergency Operations Checklist

1. Check Communications and Warning Annex’s Pre-Emergency Operations Check List in Basic Section of Emergency Operations Plan (EOP).

2. Identify vulnerability of communications towers used for day-to-day operations.

3. Identify HAM radio operators with auxiliary power.

4. Identify county citizens with mobile radios and their frequencies.

* Contractors
* Farmers
* Citizen band radios

5. Identify auxiliary radio towers which may supplement Lawrence County communications towers.

6. Inventory portable and mobile radios which will be available for use after an earthquake.

* Inventory frequencies in such radios
* Check batteries to be sure they will maintain a charge

7. Inventory specialized vehicles which may be needed for messenger service after an earthquake.

* Four wheel drive vehicles
* Snowmobiles for winter use
* clubs and/or individuals with horses

Appendix A

Functional Operations Checklist for

Communications and Warning

Response Operations Checklist

1. Check Communications and Warning Annex’s Response Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Determine communications capability of normal communications systems.

* Tower conditions
* Availability of electrical power or generator supplement

3. Determine availability of phone lines.

* Intact
* Overtaxed

4. Notify amateur radio operators with accessory power.

5. Appoint volunteers for messenger service, if needed.

* Four wheel drive vehicles
* Horses
* Snowmobiles

6. Contact IEMA through Lawrence County EOC to request establishment of communications in the affected area.

* Communications van
* Dedicated phone lines
* Facsimile machines for damage reports
* Military may establish communications lines to IEMA

7. Provide for information and warning to responders of secondary effects.

* Aftershocks
* Hazardous material emergencies (spills, leaks, etc.)
* Weakened dams and levees
* Loss or public water supplies or pollution of these supplies

Appendix A

Functional Operations Checklist for

Damage Assessment

Pre-Emergency Operations Checklist

1. Check Damage Assessment Annex’s Pre-Emergency Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Assist ESDA Coordinator/Manager in identification of major facilities, buildings, and structures which will require damage assessment after an earthquake has occurred. Plot these facilities, buildings, and structures on a map, if possible.

* Critical facilities
* Hospitals and other medical facilities
* Emergency Operations Centers
* Critical government facilities
* Police and fire stations
* Shelter locations
* Storage facilities
* Nursing homes
* Apartment buildings
* Dams and levees
* Bridges
* Major water ways
* Hazardous material storage facilities
* Interstates and overpasses
* Proposed staging area locations and facilities
* Communications towers
* Conduits for energy and/or public service
* Electrical transmission lines
* Pipelines
* Water and sewer lines
* Any other utility lines (buried also)

3. Identify private sector personnel who may be able to perform damage assessment functions.

* Engineers
* Contractors
* Architects

4. Conduct training for damage assessment teams or individuals with specialized equipment.

Appendix A

Functional Operations Checklist for

Damage Assessment

Response Operations Checklist

1. Check Damage Assessment Annex’s Response Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Check pre-identified critical facilities for major damage.

3. Check utility systems to determine availability of service.

4. Coordinate with Lawrence County EOC to deliver damage assessment information to IEMA.

5. Activate damage assessment teams to begin survey of facilities, buildings, and structures.

6. Tag facilities appropriately to indicate their status usable, non-usable, etc.

7. Develop centralized damage assessment coordination system.

* Computer
* Standardized forms
* Wall charting

8. All damage assessment information will be delivered to the EOC and wil be used to identify the facilities and areas where urban search and rescue operations are to be conducted. Priorities for search and rescue operations will be conducted according to the area considered to be the most critically damaged.

Appendix A

Functional Operations Checklist for

Emergency Medical Services

Pre-Emergency Operations Checklist

1. Check Emergency Medical Services Annex’s Pre-Emergency Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Estimate survivability of critical facilities.

* Hospitals
* Ambulance storage facilities
* Rescue equipment storage facilities
* Other critical facilities Lawrence County

3. Identify location of necessary supplies.

* Supply houses
* Military first aid supplies
* Red Cross or other volunteer agencies

4. Identify areas to be used for triage/treatment.

* Casualty collection points
* Staging areas
* Location where a field hospital might be set up, if it becomes necessary

5. Establish/update mutual aid or Memorandums of Understanding with other medical service providers.

6. Request Lawrence County EMA Coordinator to locate/identify specialized vehicles which may be useful in transport of patients.

7. Inventory lists of medical providers.

* Physicians
* Nurses
* Paramedics or EMTs
* Certified Nurses Aids
* Dentists
* Veterinarians

8. Coordinate with EOC to provide for back-up communications.

Appendix A

Functional Operations Checklist for

Emergency Medical Services

Response Operations Checklist

1. Check Emergency Medical Services Annex’s Response Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Establish communications with available response units.

3. Establish command system for dispatch of available resources.

4. Determine availability of existing medical facilitiesBhospitals, etc.

5. Determine availability of alternate facilities for patient.

* Nursing homes
* Armories
* Warehouses or gymnasiums

6. Implement triage operations which may include.

* Casualty collection points
* Staging areas for triage
* Airlift of critical injuries out of affected areas

7. Activate Mutual Aid Agreements or Memorandums of Understanding.

8. Inventory numbers of injured and deceased and transmit to IEMA.

9. Work with (insert jurisdiction name) EOC to collect needed supplies and relocate these supplies, if necessary.

10. Provide for division of labor and work shifts for responders

11. Provide for debriefing and counseling of responders.

Appendix A

Functional Operations Checklist for

Emergency Mortuary Services

Pre-Emergency Operations Checklist

1. Check Emergency Mortuary Services Annex’s Pre-Emergency Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Inventory necessary personnel.

* Lawrence County Coroner and Deputy Coroner(s)
* Morticians and funeral directors
* EMS personnel who may assist

3. Inventory necessary facilities which may serve as temporary morgue sites.

* Morgues which are presently in use
* Large buildings which may serve as morgues
* Gymnasiums
* Armories
* Warehouses
* Meat packing plants or frozen storage facilities
* Equipment which may be used as temporary morgue facilities
* Refrigerated trucks
* Refrigerated tractor trailers
* Unrefrigerated tractor trailers

4. Identify sources of additional supplies.

* Funeral homes
* Funeral supply houses
* Illinois Emergency Management Agency (IEMA)

5. Contact regional representative of the Illinois Coroners Association for names of coroner in jurisdictions outside of zones at risk from earthquake damage.

Appendix A

Functional Operations Checklist for

Emergency Mortuary Services

Response Operations Checklist

1. Check Emergency Mortuary Services Annex’s Response Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Establish system for communicating data concerning number of fatalities to IEMA.

3. Contact regional representative of the Illinois Coroners Association for needed personnel.

4. Communicate with funeral supply houses outside of affected area for additional refrigeration equipment, if needed. Or, contact IEMA for assistance.

5. Communicate with funeral supply houses outside of affected area for additional resources (body bags, caskets, etc.). Or, contact IEMA for assistance.

6. If necessary, contact IEMA for assistance in obtaining organizations, agencies, and/or team(s) qualified in body identification.

Appendix A

Functional Operations Checklist for

Emergency Operating Center

Pre-Emergency Operations Checklist

1. Check Emergency Operating Center Annex’s Pre-Emergency Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Estimate seismic stability of primary Emergency Operating Center.

3. Estimate seismic survivability of communications structures into and out of EOC.

4. Provide for stocking of food, water, and supplies for EOC extended operations.

5. Determine seismic survivability of utility systems serving EOC.

6. Provide for an alternate EOC in a seismically safe facility or area.

7. Develop a list of any additional supplies needed for EOC operations.

8. Make provisions for engineers, or other qualified individuals, to determine condition of EOC as a first priority after each seismic event. Aftershocks may necessitate multiple safety inspections of EOC facility.

Appendix A

Functional Operations Checklist for

Emergency Operating Center

Response Operations Checklist

1. Check Emergency Operating Center Annex’s Response Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Assess damage to EOC IMMEDIATELY after a seismic event. Aftershocks may necessitate multiple safety inspections of EOC.

3. If primary EOC is damaged beyond safe use, activate an alternate EOC as soon as possible.

4. Establish communications into and out of EOC.

* Phone lines
* Radio communications
* Facsimile machines
* Amateur radio operations
* Portable radios via car repeaters, if applicable
* Computer (email, etc.)

5. If alternate EOC is used, provide for:

* Habitability of structure
* Relocation of necessary and usable supplies from primary (deactivated) EOC

Appendix A

Functional Operations Checklist for

Evacuation

Pre-Emergency Operations Checklist

1. Check Evacuation Annex’s Pre-Emergency Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Determine sites which may need evacuation after major or damaging earthquake.

* Dams
* Levees
* Sites around hazardous materials storage sites or manufacturing facilities
* Buildings which are susceptible to collapse

3. Plan for evacuation routes over roads which are expected to survive a seismic event.

Secondary roads without bridges or overpasses

* Asphalt, blacktop, gravel roads versus concrete pavement
* Roads over flat land versus roads over or near hills or water storage
* Roads which are not near electrical transmission lines, large towers, etc.

Appendix A

Functional Operations Checklist for

Evacuation

Response Operations Checklist

1. Check Evacuation Annex’s Response Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Assess pre-determined hazards for possible evacuation conditions.

3. Determine priority routing on roads determined to be less susceptible to damage.

4. Determine warning/communications for alerting residents in affected areas.

5. If Lawrence County shelters are inadequate, contact IEMA to coordinate sheltering requirements with appropriate agencies possibly outside of affected areas.

Appendix A

Functional Operations Checklist for

Fire, Search, and Rescue

Pre-Emergency Operations Checklist

1. Check Fire, Search, and Rescue Annex’s Pre-Emergency Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Inventory available resources

* Firefighting equipment
* Rescue equipment
* Contractors with heavy equipment
* Specialized rescue equipment
* Search and rescue dogs
* Specialized listening equipment
* Mine rescue teams
* Army Corp of Engineers

3. Establish mutual aid agreements for extra equipment and personnel resources

Appendix A

Functional Operations Checklist for

Fire, Search, and Rescue

Response Operations Checklist

1. Check Fire, Search, and Rescue Annex’s Response Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Inventory equipment and available personnel.

3. Determine availability of public water supply for fire fighting.

4. Utilize mutual aid agreements if necessary and possible.

5. Move all equipment from buildings to prevent additional loss from aftershocks.

6. Establish system for communicating situational reports and any requests for additional manpower or equipment to (insert jurisdiction name) EOC for relay to IEMA.

7. Assess need for specialized search and rescue equipment and determine availability.

8. Provide for orientation of volunteers to assist in search and rescue.

9. Provide for debriefing and counseling of professionals and volunteers.

10. Provide for human needs of professionals and volunteers near site of fires or collapses.

11. Coordinate services of private contractors to haul water for fire fighting.

12. Notify IEMA to request Federal resources for assistance in Fire, Search, and Rescue in affected areas.

Appendix A

Functional Operations Checklist for

Law Enforcement

Pre-Emergency Operations Checklist

1. Check Law Enforcement Annex’s Pre-Emergency Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Inventory equipment available.

3. Inventory personnel available.

4. Survey buildings housing dispatch/communications for seismic survivability.

5. Survey communications equipment for seismic survivability.

Appendix A

Functional Operations Checklist for

Law Enforcement

Response Operations Checklist

1. Check Law Enforcement Annex’s Response Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Determine availability of personnel.

3. Determine availability of equipment.

4. Establish communications between field units and dispatch center.

* Systems that constitute normal operations
* Portable radios and repeaters in vehicles
* A mobile command post, if available

Appendix A

Functional Operations Checklist for

Public Information

Pre-Emergency Operations Checklist

1. Check Public Information Annex’s Pre-Emergency Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Estimate seismic survivability of communications systems which are normally used to distribute public information.

* Television stations
* Radio stations
* Newspaper printing facilities

3. Determine seismic survivability of emergency broadcast system.

4. Prepare statements about earthquake emergencies for distribution to public.

Appendix A

Functional Operations Checklist for

Public Information

Response Operations Checklist

1. Check Public Information Annex’s Response Operations Checklist in Basic Section of Emergency Operations Plan (EOC).

2. Determine availability of communications systems.

3. Use pre-prepared messages to inform public if communications systems are available and operational.

4. Advise public of status, instructions, and special conditions.

* Possibility of aftershocks
* Evacuations
* Closed highways and safe highways
* Shelters open, their location, and how to get there
* Hazardous materials incidents
* How to find out about loved ones in the affected areas
* Fires and other hazardous situations
* Need for volunteers and where they should go
* Need to contact persons with disabilities /handicapped

5. Other special instructions, information, situations.

Appendix A

Functional Operations Checklist for

Public Health

Pre-Emergency Operations Checklist

1. Check Public Health Annex’s Pre-Emergency Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Develop educational materials to inform public about public health considerations after an earthquake.

* Water storage and purification
* Kinks of food to store, preparation, and contamination
* Storage of emergency safety supplies, etc.

3. Identify potential health hazards which under normal circumstances would be considered safe.

* Containers
* Pipelines
* Shipping
* Hazardous substances

Appendix A

Functional Operations Checklist for

Public Health

Response Operations Checklist

1. Check Public Health Annex’s Response Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Determine availability of personnel.

3. Determine availability of equipment.

4. Determine condition of public water supply.

5. Determine conditions of food distribution outlets.

* Public stores
* Restaurants
* Packing, distribution facilities

6. Provide for disease and varmint control.

7. Determine need for special testing and contact State for availability of personnel needed for such testing.

Appendix A

Functional Operations Checklist for

Public Works

Pre-Emergency Operations Checklist

1. Check Public Works Annex’s Pre-Emergency Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Estimate seismic survivability of buildings housing public works functions.

3. Estimate seismic survivability of energy and utility service delivery systems.

4. Evaluate retrofit of public works structures to improve their survivability.

5. Develop resource inventories of available personnel, equipment, and supplies.

6. Determine availability of public works resources in adjoining jurisdictions.

Appendix A

Functional Operations Checklist for

Public Works

Response Operations Checklist

1. Check Public Works Annex’s Response Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Work with damage assessment teams to determine conditions of roads, bridges, levees, other structures, etc.

3. Determine damages to public utility facilities.

* Above ground water storage tanks
* Elevated water storage tanks
* Buried water lines
* Buried sewer lines
* Water treatment systems and buildings which house them
* Sever treatment systems and building which house them
* Any hazardous materials used in treatment systems
* Chlorine gas containers
* Lime or such other chemicals

4. Coordinate or assist with building condemnation and/or demolition.

Appendix A

Functional Operations Checklist for

Shelter

Pre-Emergency Operations Checklist

1. Check Shelter Annex’s Pre-Emergency Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Estimate seismic survivability of buildings designated as shelters.

Inventory shelters and establish new ones if some are no longer available.

3.

4. Determine areas which can be used as staging areas in the event of evacuations.

* Red Cross
* Salvation Army
* Church groups

Appendix A

Functional Operations Checklist for

Shelter

Response Operations Checklist

1. Check Shelter Annex’s Response Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Utilize engineers or other qualified personnel to determine seismic safety of shelters which may be needed.

3. Assess condition of areas which are to used as staging areas and accessibility into and out of these areas.

4. Reassess seismic safety of shelters after each aftershock.

5. Move shelter inhabitants into alternate shelters if required.

Appendix A

Functional Operations Checklist for

Resource Management

Pre-Emergency Operations Checklist

1. Check Resource Management Annex’s Pre-Emergency Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Designate a central location for information on available resources.

3. Designate a central location for receipt of incoming resources.

4. Establish resource management team and communications to handle existing and incoming resources.

Appendix A

Functional Operations Checklist for

Resource Management

Response Operations Checklist

1. Check Resource Management Annex’s Response Operations Checklist in Basic Section of Emergency Operations Plan (EOP).

2. Determine resources available for dissemination to (insert jurisdiction name) managers and IEMA.

3. Coordinate with damage assessment teams to determine areas of most critical need and determine resources to fill those needs.

4. Inventory State and Federal resources as they arrive.

5. Arrange movement of resources as areas of critical need are determined and/or change.

6. Assist in identifying staging areas for resource compilation.

7. Distribute existing (insert jurisdiction name) resources and inventory incoming resources from outside sources and/or central location.

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Appendix C

Radio and Media Samples

No Information available on Earthquake

This is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ at the\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

An earthquake of undetermined magnitude has just occurred in the \_\_\_\_\_\_\_\_\_\_\_\_\_

area. At this time we have no confirmed reports of injuries, fatalities, or damages. Police, fire, and/or other emergency response units are responding to the area. We will keep you informed and updated as reports come in.

Meanwhile, be prepared for aftershocks. If shaking begins, immediately seek shelter under a sturdy piece of furniture. If your house has been damaged do not continue to stay. After the shaking stops leave your house immediately by the safest route. If you smell gas, shut off the main gas valve. You may need to also switch off the main electrical supply to your house.

DO NOT use your telephone unless you need immediate emergency help.

Appendix C

Radio and Media Samples

Public Service Announcement for Earthquake

A major earthquake has occurred in the\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_area. Stay tuned for further news and emergency information.

Do not use the telephone unless there is a serious injury, fire, or gas line leak.

Check your home or buildings water, gas, and electric service. If there if damage, turn them off at the source.

Check for injuries. Apply first aid. Do not move seriously injured persons unless they are in immediate danger.

Do not use matches, candles, or lighters inside.

Do not use a vehicle except in an emergency.

Check building for cracks and damage. If suspect, set up a shelter away from the building away from objects which may fall or collapse.

If forced to leave your home, leave a written message for other family members and/or rescue workers.

Be Prepared for aftershocks.

Plan for evacuation if events make this necessary.

Stay calm and lend a hand to others.

Work with your neighbors for a quicker recovery.

Stay tuned to\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_for further news and information.

Appendix C

Radio and Media Samples

Summary Statement for Media After Earthquake

At approximately \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and earthquake of

magnitude \_\_\_\_\_\_\_\_ struck the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ area, with an approximate epicenter at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Fire, police, and/or other emergency response units were dispatched to assess injuries, fatalities, and damages.

(If known, indicate injuries, fatalities, damages, fires, etc. reported to date)

\_\_\_\_\_\_\_\_\_\_\_\_ aftershocks were felt, the largest occurring at \_\_\_\_\_\_\_\_\_\_\_\_. No additional damage was reported (or specify other damages reported if known).

More than \_\_\_\_\_\_\_\_\_police, fire, emergency personnel were called into action, and the staff of (insert jurisdiction name) ESDA were put on emergency status and the (insert jurisdiction name) Emergency Operations Center was activated and manned.

The Red Cross will be opening (or has opened) shelters at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

for persons unable to remain in their homes.

Local Churches that offer food pantries will set up dispensing sites for food, water etc.

Medical triage will be conducted and provided by Lawrence County Health Department. All medical emergency assistance locations will be mobile and conducted from response trailers that are county owned.

At\_\_\_\_\_\_\_\_\_on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the (insert jurisdiction officials position or name) has proclaimed the existence of an emergency and has requested assistance from the State.

Damages to private and public facilities has been estimated at $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Appendix C

Radio and Media Samples

Update on Earthquake

This is\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_at the\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The magnitude of the earthquake which struck the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ area at \_\_\_\_\_\_\_\_\_\_\_\_\_\_today has been determined to be \_\_\_\_\_\_\_\_\_\_\_\_ magnitude.

The epicenter has been determined to be located at\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

This office has received reports of \_\_\_\_\_\_\_\_\_\_\_\_\_ CASUALTIES

\_\_\_\_\_\_\_\_\_\_\_\_\_ INJURIES

\_\_\_\_\_\_\_\_\_\_\_\_\_ HOMES DAMAGED

No dollar damage amount is yet available. Emergency personnel are on the scene and are available to assist residents. (Continue with summary situation)

Aftershocks continue to be felt in the area. If you feel shaking, immediately seek shelter under a sturdy piece of furniture or other object .

DO NOT use you telephone unless you need immediate emergency help.