

SEISMOS '83

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"SEISMOS '83"

Foreword

It is an accepted fact that Los Angeles will at sometime in the future experience a major earthquake; the only unknown is the exact time. Because of this potential, it is necessary for the City and other agencies to effectively prepare to minimize the effects of this inevitable disaster. Planning and training will be the key to our success.

The Los Angeles City Emergency Operations Board gave the Fire Department the responsibility of planning and implementing "SEISMOS '83", an earthquake exercise and demonstration of our City's response to a major disaster. This simulated field exercise will take place on February 10, 1983 as part of the International Earthquake Conference.

The exercise will emphasize the response and interaction of metropolitan government and other agencies by including:

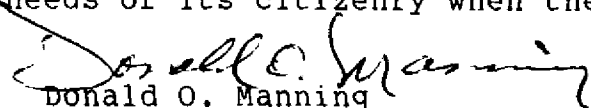
1. Incident management, planning, coordination and communications.
2. Deployment of personnel, equipment and establishment of logistical support.
3. Fire suppression, physical rescue, emergency medical care and welfare of persons and property.

The first portion of the field exercise will depict one of the many varied incidents occurring simultaneously throughout the city and a response by several City departments and agencies to handle the incident.

This will be immediately followed by the implementation of a multi-agency field command post which will manage the simulated events covering a large area of the city.

Realism will be emphasized as a result of a major earthquake along the Newport-Inglewood Fault measuring 7.5 on the Richter Scale. The focus of activities will be on the field command, management and communications aspects of the City's response to such a disaster. This will result in a Field City Emergency Operations Center. The time frame of events has been compressed and will depict the City's Field Management Operations during the initial action phase of the disaster.

In addition to the obvious learning value by those who observe the activities and those who are involved as players, it is intended that management systems developed prior to or as a result from the exercise will enable the City to become better prepared to respond to the needs of its citizenry when the real disaster occurs.



Donald O. Manning
Chief Engineer and General Manager
Los Angeles City Fire Department

"SEISMOS '83"

February 10, 1983

Program and Exercise Staff
Los Angeles City Fire Department

Exercise Director.....	Assistant Chief Frank Borden
Assistant Director and	Battalion Chief Scott Lenz
Exercise Coordinator	
Command Post Coordinator.....	Battalion Chief Anthony Gentile
Rescue Demonstration and.....	Battalion Chief Kenneth Brass
Display Coordinator	
Liaison Officer.....	Captain II Leslie Hawkes
Emergency Medical Service.....	Senior Paramedic I John Green
Coordinators	Senior Paramedic I Joe Martin
Exercise Assistants.....	Captain II Robert Fickett
	Firefighter II Peter Price
Chief Exercise Controller.....	Battalion Chief William Lilly

INTERNATIONAL EARTHQUAKE CONFERENCE

SEISMOŠ '83

February 10, 1983

9:00 a.m. LOS ANGELES EMERGENCY OPERATIONS AND RESPONSE
PLAN

WELCOME: Councilman HAL BERNSON, Project Coordinator

SPEAKERS: EZUNIAL BURTS, Assistant to the Mayor
City of Los Angeles

FRANK BORDEN, Assistant Chief
Fire Department, City of Los Angeles

10:00 a.m. to A CITY IN ACTION
1:00 p.m.

NARRATOR: Battalion Chief SCOTT LENZ
Fire Department, City of Los Angeles

2:00 p.m. to RESCUE DEMONSTRATION
3:00 p.m.

NARRATOR: Battalion Chief RICHARD BAKER
Fire Department, City of Los Angeles

3:00 p.m. to REVIEW AND CRITIQUE
4:00 p.m.

SPEAKERS: DELWIN BIAGI, Deputy City Engineer
Department of Public Works
City of Los Angeles

PETER LUCARELLI, Assistant Chief
Fire Department, City of Los Angeles

SHIRLEY MATTINGLY
Chief Administrative Analyst
City Administrative Officer
City of Los Angeles

Commander GEORGE MORRISON
Police Department, City of Los Angeles

"SEISMOS '83"

A SIMULATED SEISMIC EVENT AND METROPOLITAN RESPONSE

Los Angeles Coliseum Park
February 10, 1983

On February 10, 1983, a simulated field exercise will take place as part of the International Earthquake Conference.

The objective of this event is to provide an overview of the disaster plan developed by the City of Los Angeles by conducting a field exercise depicting a microcosm of events that could result from a major earthquake. The exercise will emphasize the response and interaction of metropolitan government and other agencies by including:

1. Incident management, planning, coordination and communications.
2. Deployment of personnel, equipment, and establishment of logistical support.
3. Fire suppression, physical rescue, emergency medical care and welfare of persons and property.

The schedule of events is:

9:00 a.m. - 10:00 a.m.

Speakers will provide an overview of the Los Angeles City Emergency Response Plan and a summary of the simulated emergency response exercise.

10:00 a.m. - 1:00 p.m.

"SEISMOS '83" - A field response to a simulated earthquake.

1:00 p.m. - 2:00 p.m.

Lunch

2:00 p.m. - 3:00 p.m.

Rescue Operation Demonstrations and Displays

3:00 p.m. - 4:00 p.m.

Review of the Los Angeles Emergency Earthquake Response.

SEISMOS '83

A panel of speakers will critique the simulated response exercise and provide information regarding the rescue demonstrations with emphasis on policies, methods, and strategies discussed during the first three days of the conference and their transferability to other metropolitan areas.

The highlight of the day will begin at 10:00 a.m. with the field response to a simulated earthquake using the following scenario:

At approximately 0930 hours, the City experiences a major earthquake along the Newport-Inglewood Fault measuring 7.5 on the Richter Scale. There is major damage, uncontrolled fires, and numerous casualties throughout the city.

The field exercise will depict one of the many varied incidents occurring simultaneously throughout the city. A damage assessment survey has discovered a situation that exists in the area of Leighton Avenue and Vermont Avenue where a high pressure gasoline line has ruptured as a result of the earthquake. The line, owned by the Miracle Oil Company, has had an explosion and subsequent fire resulting in 100-125 casualties.

Several hundred people are being evacuated around the immediate area to designated evacuation centers and traffic is snarled.

A major field command post is set up to manage the emergency incidents simultaneously occurring in other parts of the city.

The simulation of the affected problem area will be a highly visual display depicting an explosion, fire and smoke in a residential neighborhood and will include approximately 125 "victims" moulaged or made up with major injuries.

The response of various City Departments and other agencies will involve personnel and equipment required to handle this incident and the implementation of a multi-agency field command post which will manage the simulated events over a large area of the city.

Observers will be provided with a close-up view of a realistic demonstration involving personnel from many emergency services and a variety of equipment in action including: fire engines, ambulances, heavy rescue and specialized equipment, helicopters, and many emergency and support vehicles including several mobile command and communication units.

SEISMOS '83

After the exercise, rescue demonstrations will take place and a static display of various types of emergency equipment will be provided for the conference attendees.

The rescue demonstration will include a simulated fire attack and rescue from the air using the Los Angeles City Fire Department's Helicopter and Airborne Assault Team; physical rescue from vehicles involving heavy rescue apparatus and equipment; mobile intensive care unit paramedic operations and demonstration of trained rescue dogs locating trapped victims.

Over 30 types of emergency equipment and facilities will be displayed including fire and rescue apparatus, ambulances, police vehicles, helicopters, animal regulation equipment, Red Cross facilities and mobile communication vehicles.

SEISMOS '83

Overview of the Los Angeles City Emergency Response Plan

SPEAKER: Mr. Ezunial Burts, Executive Assistant to the Mayor and Chairman of the Steering Committee, Seismic Safety Commission Task Force on Earthquake Preparedness

SUMMARY: The City of Los Angeles Emergency Operations Organization was established to provide for the overall management and coordination of personnel and resources in the control of disasters and other emergencies.

The organization is directed by the Mayor and managed by the City's Emergency Operations Board. The Emergency Operations Organization is subdivided into divisions under the direction of a chief who is responsible for carrying out the orders from the director.

The following divisions are responsible for activating operations within their authority and functional capability:

- Airports
- Animal Regulation
- Building and Safety
- Fire Suppression and Rescue
- General Services
- Harbor
- Personnel and Recruitment
- Police
- Public Works, Utilities
- Public Welfare and Shelter
- Transportation

EMERGENCY OPERATIONS ORGANIZATION

Director Mayor

Emergency Operations Board

Chief of Police (Chairperson)
 General Manager, Department of Building and Safety
 General Manager, Department of General Services
 Commissioner, Board of Public Works
 General Manager, Department of Transportation
 City Administrative Officer
 General Manager and Chief Engineer, Fire Department
 General Manager, Personnel Department
 General Manager, Department of Water and Power

Deputy
Civil
Defense

City of Los Angeles

Emergency Operations Divisions and Their Responsibilities

- 1 POLICE DIVISION
 - * Maintain peace and order
 - * Enforce all state and local laws
 - * Preserve life and property
- 2 FIRE SUPPRESSION AND RESCUE DIVISION
 - * Direct and control all fire suppression, rescue operations and radiological defense
 - * Manage the use and control of all explosives and hazardous materials
 - * Superintend the demolition of buildings and structures
 - * Assert regulation of all petroleum, chemicals and respective pipelines
- 3 TRANSPORTATION DIVISION
 - * Maintain traffic control devices
 - * Develop emergency travel routes
 - * Plan barricade placement
 - * Program direction and control of traffic
 - * Coordinate with other agencies supplying common carrier services
- 4 PUBLIC WORKS DIVISION
 - * Maintain and repair streets
 - * Place barricades and cones as necessary
 - * Manage street lighting, sewers, storm drains, channels, bridges, and removal of wastes and debris
 - * Conduct engineering investigations
- 5 UTILITIES DIVISION
 - * Cooperate with and arrange for emergency services by municipal and private utilities
6. GENERAL SERVICES DIVISION
 - SUPPLIES SECTION
 - * Procure and control special equipment and property as needed
 - * Maintain information of available governmental and privately owned equipment and operators
 - COMMUNICATIONS SECTION
 - * Provide, restore and maintain emergency communications for Council controlled departments and offices
 - MAINTENANCE SECTION
 - * Maintain all City owned equipment and facilities
 - * Arrange for safety of occupants of City owned and leased buildings and provide liaison with other public and private counterparts
 - * Maintain inventory of City transportation vehicles used for movement of heavy equipment
- 7 BUILDING AND SAFETY DIVISION
 - * Determine imminent and potential hazards to persons and property
 - * Issue notices to abate imminent hazards
 - * Investigate and appraise damage to structures and advise other agencies regarding these conditions and possible repair procedures
 - * Supervise volunteer structural engineering personnel
- 8 PERSONNEL AND RECRUITMENT DIVISION
 - * Maintain records of all EOC personnel
 - * Activate recruiting center for EOC
 - * Establish plan for use of City personnel by any division requiring additional forces
 - * Coordinate and establish liaison with governmental and private agencies providing medical services
- 9 PUBLIC WELFARE AND SHELTER DIVISION
 - * Develop and arrange for housing and shelter facilities for homeless persons
 - * Arrange for food, clothing, registration, information, and rehabilitation as provided by organizations such as the Red Cross
 - * Conduct the City's fallout shelter management program
- 10 HARBOR DIVISION
 - * Provide port security
 - * Regulate anchorage and movement of ships
 - * Evacuate vessels for their safety or that of the port
 - * Establish liaison with counterparts
- 11 AIRPORTS DIVISION
 - * Furnish airport security
 - * Control ground operations and manage aircraft
 - * Coordinate activities with airport tenants, FAA and other Federal agencies
- 12 ANIMAL REGULATION DIVISION
 - * Provide for the shelter of displaced animals
 - * Regulate the movement of, and care for, animals affected by the disaster

EMERGENCY OPERATIONS ORGANIZATION— CONTROL OF DISASTERS AND OTHER EMERGENCIES

001. LOCAL EMERGENCY—GENERAL. The direction and control of *local emergency* preparations has been centralized to enable the City to effectively cooperate with local, state and federal agencies. Additionally, this coordination of resources has been accomplished to cope with and guard against conditions which may result in extreme peril to life and property and make available the City resources as the needs of the citizens may demand during a *local emergency*. Moreover, it enhances efforts to assist local emergency response organizations and authorities of the state and federal governments in the accomplishment of emergency services so that maximum protection of life and property will be provided to the community.

002. DECLARATION OF A LOCAL EMERGENCY.

The mayor, as *Director of the Emergency Operations Organization* (EOO), is empowered to declare the existence of a *local emergency* or disaster when conditions exist which are, or are likely to become beyond the control of the normal services of City government, or at any time a disaster or State of Emergency is declared by the President of the United States or by the Governor of California. The declaration of a *local emergency* by the Mayor will be in writing and will take effect immediately upon issuance. The Mayor will cause widespread publicity and notice to be given of such declaration throughout the City.

Example:

DECLARATION OF LOCAL EMERGENCY

By virtue of the authority vested in me as Mayor of the City of Los Angeles, pursuant to the provisions of Ordinance No. 153,772 as amended, I hereby find that

The City of Los Angeles is experiencing an emergency in the area of _____ and by reason of its magnitude is or is likely to become beyond the control of the normal services, personnel, equipment and facilities of the regularly constituted branches and departments of the City government and said emergency threatens to cause extraordinary loss of life and property.

NOW THEREFORE, I hereby declare the existence of a Local Emergency and direct the Emergency Operations Organization (EOO) be immediately activated to take such steps that are necessary for the protection of life and property in the affected area.

I FURTHER DIRECT that the Declaration of Local Emergency shall take effect immediately and that widespread publicity and notice shall be given said declaration through the most feasible and adequate means of disseminating such notice throughout the City

Dated at Los Angeles, California

Mayor

Whenever the Mayor declares a *local emergency*, the City Administrative Officer will prepare, with the City Attorney's assistance, a resolution ratifying the existence of a *local emergency* and state the conditions for continuing the state of *local emergency*. The resolution will be submitted by the Mayor to the City Clerk for presentation to the City Council. The City Council will approve or disapprove the resolution within seven days from the date of the original declaration and every 14 days thereafter.

002.10 POWERS OF MAYOR DURING A LOCAL EMERGENCY. During a *local emergency*, the Mayor is the Director of the Emergency Operations Organization. All powers and duties conferred upon the Emergency Operations Board, or any officer or chief of a division, shall be exercised subject to the approval of the Director. The Director is authorized to promulgate, issue and enforce rules, regulations, orders and directives which the Director considers necessary for the protection of life and property. The rules, regulations, orders and directives will take effect immediately upon issuance, and copies of such documents will be filed in the City Clerk's office.

The Director may obtain vital supplies and other materiel for the protection of life and property and, if immediately required, may commandeer property for public use; may require emergency service of any City employee, or any citizen; and may requisition necessary personnel or materiel of any City agency.

002.20 LOCAL EMERGENCY—DEACTIVATION.

The Director will keep the City Council fully advised as to the status of the emergency. The City Council will declare and publicize the termination of such *local emergency* at the earliest possible date that conditions allow. Upon the City Council's announcement of the termination of the *local emergency*, such rules, regulations, orders, or directives will terminate and have no further force nor effect.

003. EMERGENCY OPERATIONS BOARD. The Emergency Operations Board (EOB) manages the affairs of the City's Emergency Operations Organization and issues instructions to the chiefs of the Emergency Operations Organization divisions. The Emergency Operations Board has the power to make and enforce necessary regulations to govern the Emergency Operations Organization during periods of planning and during emergencies. The Emergency Operations Board may also appoint committees for the administration of its affairs.

The Emergency Operations Board consists of the following members

- * Chief of Police, *who is permanent chairperson*.
- * Chief Engineer and General Manager, Fire Department.
- * City Administrative Officer
- * Commissioner, Department of Public Works
- * General Manager and Chief Engineer, Department of Water and Power.
- * General Manager, Department of Personnel
- * Superintendent of Building and General Manager, Department of Building and Safety.
- * General Manager, Department of General Services.
- * General Manager, Department of Transportation.

EMERGENCY OPERATIONS ORGANIZATION— CONTROL OF DISASTERS AND OTHER EMERGENCIES

004. EMERGENCY OPERATIONS ORGANIZATION.

The Emergency Operations Organization (EOO) is a special purpose organization established to coordinate and direct the City's resources toward controlling disasters and other emergencies. The EOO divisions constitute those resources believed necessary to successfully overcome the conditions of a *local emergency*. The Emergency Operations Organization is comprised of the following divisions

- * Police Division.
- * Fire Suppression and Rescue Division.
- * Transportation Division.
- * Public Works Division.
- * Utilities Division
- * General Services Division
- * Building and Safety Division
- * Personnel and Recruitment Division.
- * Public Welfare and Shelter Division
- * Harbor Division.
- * Airports Division.
- * Animal Regulation Division.

The Emergency Operations Organization resources also include the officer-in-charge, other personnel, services, and materiel held or used, and all other services, equipment and facilities which may be loaned, donated, contributed to the City, or commandeered for use, by the Director of the Emergency Operations Organization.

004.10 EMERGENCY OPERATIONS ORGANIZATION— ACTIVATION.

Upon receipt of an official warning of an impending or threatened emergency, or upon the declaration of a *local emergency*, the Emergency Operations Organization will be immediately activated and Emergency Operations Organization personnel will be called into active service.

004.20 DIRECTOR—POWERS AND DUTIES OF.

The Mayor, as Director of the Emergency Operations Organization, with the advice of the Emergency Operations Board, exercises full authority over the operations of the various Emergency Operations Organization divisions. The Director is responsible for coordination between the chiefs of the various divisions and resolving questions of authority and responsibility which may arise. The Director may organize additional Emergency Operations Organization division as necessary and assign duties

004.30 DEPUTY DIRECTOR—POWERS AND DUTIES.

The Chief of Police (chairperson of the Emergency Operations Board) is the Deputy Director of the Emergency Operations Organization. The Deputy Director acts on behalf of the Director on all EOO related matters delegated to him, liaises with outside agencies for cooperation and mutual aid during *local emergencies*, and coordinates the activities of the Emergency Operations Organization divisions.

004.40 EMERGENCY OPERATIONS ORGANIZATION COORDINATOR.

Subject to the rules, regulations and instructions of the Emergency Operations Board, the City Administrative Officer is designated as the Emergency Operations Organization Coordinator and is responsible for

- * Coordinating the powers and responsibilities of the Emergency Operations Board and Organization.
- * Liaising with other governmental agencies, City departments, and such private agencies as may be necessary
- * Preparing and processing emergency operations program papers and applications for federal and state funds.
- * Notifying the Emergency Operations Board in writing prior to the beginning of each fiscal year of the recommended budgetary items relating to emergency services of each City department having control of an Emergency Operations Organization division and which items are included in the City Administrative Officer's annual budgetary recommendations to the Mayor.
- * Assigning personnel from the City Administrative Office to perform staff duties for the Emergency Operations Board as may be required by the Board
- * Coordinating and providing for the dissemination of public information relating to emergency operations activities as required
- * Exercising such further powers and duties as may be conferred upon the City Administrative Officer by the Emergency Operations Board.

004.50 EMERGENCY OPERATIONS ORGANIZATION—STRUCTURE.

The Emergency Operations Organization is divided into 12 divisions, each under the direction of a chief. Each chief is assisted by a chief deputy and a second deputy, who succeed the chief in his absence or inability to act. Each chief formulates and maintains operational plans for the division. Each division is organized into such sections as are necessary for proper functioning. Division chiefs have responsibility for all personnel in their divisions

During a *local emergency*, division chiefs will immediately activate their divisions and carry out orders and directions from the Director. The functions and duties of the Emergency Operations Organization are distributed among the 12 divisions and the City Administrative Officer

004.51 POLICE DIVISION.

The Police Division is subject to the control of the Police Department. The Chief of Police is chief of this division. During a *local emergency* the chief has the authority to direct Police Division personnel to enforce all laws, preserve life and property, and maintain order.

004.52 FIRE SUPPRESSION AND RESCUE DIVISION.

The Fire Suppression and Rescue Division is subject to the control of the Fire Department. The Chief Engineer and General Manager of the Fire Department is chief of this division. During a *local emergency* the chief has the authority to direct Fire Suppression and Rescue Division personnel in controlling all explosives and hazardous materials, petroleum and chemical pipeline accidents, demolition of buildings, fire suppression and rescue operations and radiological defense.

004.53 TRANSPORTATION DIVISION.

The Transportation Division is subject to the control of the Department of Transportation. The General Manager of the Department of Transportation is chief of this division. The chief develops plans for the maintenance of traffic control devices, emergency travel routes to be used during emergencies, barricade placement as necessary or as directed by the chiefs of Police and Fire Suppression and Rescue Divisions, direction and control of traffic, and coordination with all other agencies supplying common carrier services.

004.54 PUBLIC WORKS DIVISION.

The Public Works Division is subject to the control of the Department of Public Works. The division chief is selected from among the Board of Public Works membership. The chief develops plans for, has charge of, and arranges for street repair and maintenance, street lighting, sewers, storm drains, channels, bridges, waste and debris removal, placement of barricades, and engineering investigations requested by any of the Emergency Operations Organization divisions. When requested by the Fire Suppression and Rescue Division, the chief has functional supervision of personnel performing rescue work.

004.55 UTILITIES DIVISION.

The Utilities Division is subject to the control of the Department of Water and Power. The General Manager and Chief Engineer of the Department of Water and Power is chief of this division. The chief develops plans and arranges for cooperation with other municipally and privately owned public utilities, excluding privately owned communications systems.

004.56 GENERAL SERVICES DIVISION.

The General Services Division is subject to the control of the Department of General Services. The General Manager of the Department of General Services is chief of this division. The chief develops plans for the activities of the division and for the following sections

- * **Supplies Section.** This section is under the direction of the Purchasing Agent. The Purchasing Agent procures and is the custodian of the special equipment and property which may be obtained from any source for the use of the Emergency Operations Organization, and assembles information concerning available equipment and operators normally under the control of outside agencies
- * **Communications Section.** This section is under the direction of the division chief or designee. The chief, or designee develops plans for and provides, restores, and maintains emergency communications services for City Council controlled departments and offices, and liaises with other City departments providing their own communications services to the City and its citizens. During a *local emergency* the section head has the responsibility to direct City and volunteer communications personnel to perform section duties
- * **Maintenance Section.** This section is under the direction of the division chief or designee. The chief or designee develops plans for the maintenance of all City owned equipment and facilities, has charge of, develops plans for, and arranges for the safety of occupants of City controlled buildings, and liaises with other publicly and privately owned agencies which supply such services. The section head also develops and maintains an inventory of City transportation vehicles available from the division for the movement of heavy equipment.

004.57 BUILDING AND SAFETY DIVISION.

The Building and Safety Division is subject to the control of the Department of Building and Safety. The Superintendent of Building and Safety is chief of this division. The chief has the duty to determine potential hazards to persons and property, issue abatement notices, investigate and determine damages to buildings and structures, give advice regarding the condition of buildings and sites and the use of applicable safety measures, and supervise volunteer structural engineering personnel who are registered volunteer disaster service workers (they may serve as deputy building inspectors). The chief develops and recommends to the City Council legislation relative to structural damages and necessary modifications of current structural standards.

EMERGENCY OPERATIONS ORGANIZATION— CONTROL OF DISASTERS AND OTHER EMERGENCIES

004.58 PERSONNEL AND RECRUITMENT DIVISION.

The Personnel and Recruitment Division is subject to the control of the Personnel Department. The General Manager of the Personnel Department is chief of this division. The chief maintains records of all Emergency Operations Organization personnel and liaises with governmental and private agencies providing or administering medical services during a *local emergency*.

This division is the recruiting center for the Emergency Operations Organization, and establishes a plan for using qualified City personnel by any of the Emergency Operations Organization divisions during a *local emergency*. The other Emergency Operations Organization division chiefs will render services requested by the chief of this division in the recruitment of personnel. The chief, with assistance from the Emergency Operations Office, will develop a program for the use of volunteers during a *local emergency*. The program will contain procedures for

- * Recruiting volunteer forces through the media.
- * Registering volunteers as disaster service workers in the state workers' compensation program.
- * Dispatching volunteers to command posts or other locations.
- * Liaising with the City Council for dispatching volunteer to assist with recovery operations on private property.
- * Developing any other procedures necessary to implement Chapter 3 of the Los Angeles Administrative Code, **LOCAL EMERGENCIES**.

004.59 PUBLIC WELFARE AND SHELTER DIVISION.

The Public Welfare and Shelter Division is subject to the control of the Department of Recreation and Parks. The General Manager of the Department of Recreation and Parks is chief of this division. The chief arranges for housing and shelter facilities for persons rendered homeless as a result of a *local emergency*, and conducts the City's fallout shelter management program. The chief arranges for the services of the American National Red Cross, the Los Angeles Unified School District, and other governmental agencies as needed, to furnish food, clothing, shelter, registration, information service, and rehabilitation to individuals affected by a *local emergency*.

004.60 HARBOR DIVISION. The Harbor Division is subject to the control of the Harbor Department. The General Manager of the Harbor Department, or if so designated by the General Manager, the Port Warden, is chief of this division. The chief is responsible for port security and prepares operational plans for the control, anchorage, and movements of ships to avert collisions and hazards during a *local emergency*. The chief is empowered to evacuate any vessel that is a peril to the port, and when practicable, move mobile equipment at the waterfront and jeopardized vessels, or those which may impede rescue or salvage operations or accelerate a *local emergency*. The chief coordinates emergency activities with concerned federal agencies and with the other Emergency Operations Organization divisions.

005.61 AIRPORTS DIVISION. The Airports Division is subject to the Department of Airports. The General Manager of the Department of Airports, or if so designated by the General Manager, the Airport Manager, is the chief of this division. The chief is responsible for airport security and prepares operational plans for controlling ground operations and management of aircraft and other hazards during a *local emergency*. The chief coordinates emergency activities with airport tenants, the Federal Aviation Administration, other concerned federal agencies, and other Emergency Operations Organization divisions.

004.62 ANIMAL REGULATION DIVISION. The Animal Regulation Division is subject to the Department of Animal Regulation. The General Manager of the Department of Animal Regulation is chief of this division. The chief arranges for the care and control of animals during emergencies, including rescuing, sheltering, controlling, and providing emergency veterinary services.

"SEISMOS '83"

A Simulated Seismic Event and Metropolitan Response

Los Angeles Coliseum Park
February 10, 1983

Objective:

To provide an overview of the Disaster Plan developed by the City of Los Angeles by conducting a field exercise depicting a microcosm of events that could result from a major earthquake. The exercise will emphasize the response and interaction of metropolitan government and other agencies by including:

1. Incident Management, planning, coordination and communications.
2. Deployment of personnel, equipment and establishment of Logistical Support.
3. Fire suppression, physical rescue, emergency medical care and welfare of persons and property.

"SEISMOS '83"

Conduct of the Exercise

I. PARTICIPANTS:

A. Players

City personnel assisted by and in liaison with governmental agencies, other agencies and volunteer organizations will participate in the field exercise.

B. Control Group

Selected personnel from each of the participating agencies will act as controllers and simulators by providing programmed input into the exercise and will act as umpires.

II. LOCATION:

A. The field exercise will be conducted in the Coliseum area where command posts, simulators and players will be utilized to demonstrate the implementation and operation of the City's Disaster Plan.

B. Exercise controllers/umpires will be present at the above location.

III. EXERCISE PLAY:

A. Players will respond to the exercise as if it were an actual emergency but remain within the parameters of player instructions and direct all communications to other players or simulators.

B. Status boards, maps and other visual aids will be used extensively, keeping in mind that international visitors will be viewing the exercise.

C. Liaison officers will be used extensively to provide communications between involved entities.

D. Players are expected to react to simulated problems and informational input from the exercise controllers/umpires.

E. Players are expected to actively seek, share and record information regarding the incident.

F. Calls to outside agencies and non-involved City organizations shall be made to the simulation room.

"SEISMOS '83"

IV. SCENARIO:

At approximately 0930 hours, the City experiences a major earthquake along the Newport-Inglewood Fault measuring 7.5 on the Richter Scale. There is major damage, uncontrolled fires and numerous casualties throughout the city.

The field exercise will depict one of the many varied incidents occurring simultaneously throughout the city. A damage assessment survey has discovered a situation that exists in the area of Leighton Avenue and Vermont Avenue where a high pressure gasoline line has ruptured as a result of the earthquake. The line, owned by the Miracle Oil Company, has had an explosion and subsequent fire resulting in 100-125 casualties.

Several hundred people are being evacuated around the immediate area to designated evacuation centers and traffic is snarled.

A major field command post is set up to manage the emergency incidents simultaneously occurring in other parts of the city. Field command, staff and liaison personnel will be involved from City departments and assisting agencies in planning operations, information coordination and directing personnel resources.

V. EVENT LIST SUMMARY:

1. City Departments activate Earthquake Emergency Operating Procedures.
2. Initial response by Fire and Police Departments.
3. Ongoing firefighting and rescue scenario.
4. Ongoing multi-casualty scenario (at the incident and hospitals).
5. Establish perimeter and designate closed area.
6. Establish traffic flow pattern for evacuation and rescue.
7. Requests for additional City personnel and equipment.
8. Requests for additional medical assistance (hospital triage teams).
9. Ongoing evacuation scenario.

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10. Request transportation resources for evacuation (LAUSD, etc.).
11. Water pressure problems.
12. Electrical power hazards and outages to critical facilities.
13. Establish Mobile Command Posts (fire and police) and Field Emergency Operations Center.
 - a. Establish communication links.
 - b. Obtain area situation and resource status.
 - c. Staff Incident Management Organization.
 - d. Implement joint department planning meeting.
 - e. Request mutual aid and provide ongoing damage assessment.
 - f. Deploy resources.
 - g. Provide for Logistical Support.
 - h. Ongoing command post scenario.
14. Removal of debris to clear access on key streets.
15. Request for Animal Regulation.
16. Request for additional equipment.
17. Request for volunteers.
18. Registration of volunteers.
19. Ongoing shelter system activated.
20. Public information announcements (EBS).
21. Transmittal of resource expenditures.
22. Feeding of disaster personnel.
23. Collection of information for after-action reporting.

SEISMOS '83

Rescue Operations

A major earthquake in a large metropolitan city will cause extensive collapse of buildings, entrapping a multitude of victims within the debris.

There is a high probability that firefighting units and other rescue personnel will have a difficult time reaching fires and victims.

Today there will be several rescue demonstrations and a helicopter operation that has been modified to provide firefighting, rescue and emergency medical service to an inaccessible area. The demonstrations encompass the following simulated events and activities:

1. The use of trained rescue dogs to locate trapped victims. These animals were provided by the California Rescue Dog Association (CRDA).
2. Physical rescue operations depicting the removal of trapped occupants using the Los Angeles City Fire Department's heavy rescue apparatus and equipment.
3. A simulated fire attack and rescue from the air using the Los Angeles City Fire Department's helicopters and Airborne Assault Team. This operation will depict the mobility and effectiveness of a response system designed to handle emergency incidents where access is a problem and special action is required.
4. Emergency field medical treatment involving Mobile Intensive Care Unit Fire Department Paramedics.

LAYOUT FOR DISPLAYS & DEMONSTRATIONS

DEMONSTRATIONS

- 1- CALIF. RESCUE DOG ASSN. (CARDA)
- 2- LAFD HEAVY UTILITY-RESCUE
- 3- LAFD HELICOPTER ATTACK TEAM

LEIGHTON ST.

PIPELINE EXPLOSION

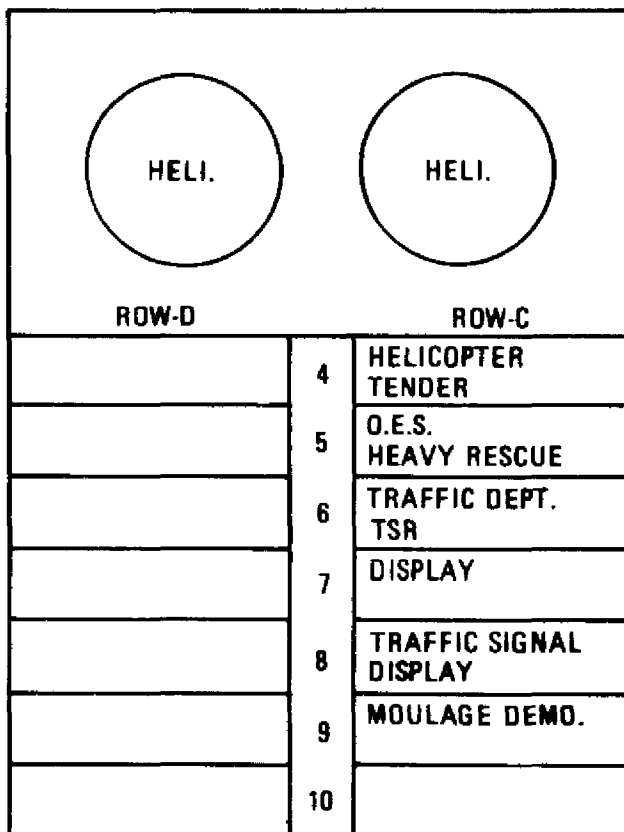
170'

170'

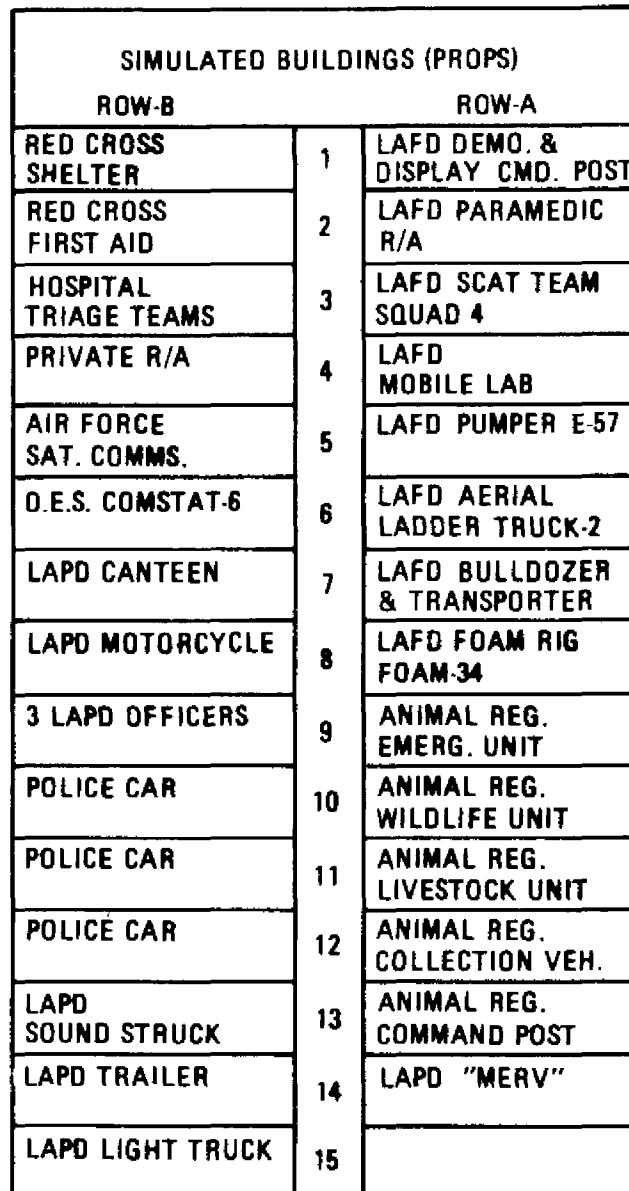
NORTH

VERMONT AVE.

MENLO AVE.



PARKING LOT



2 STORY APT. HOUSE

SEISMOS '83

Review of Los Angeles
Emergency Earthquake Response

PURPOSE:

A panel of speakers will summarize and critique the simulated response and heavy rescue demonstrations with special reference to policies, methods and strategies discussed during the first three days of the conference. The speakers will emphasize the transferability of methods and strategies to other metropolitan areas.

SPEAKERS:

Mr. Delwin Biagi, Deputy City Engineer
Department of Public Works

Assistant Chief Peter Lucarelli
Los Angeles City Fire Department

Mrs. Shirley Mattingley, Chief Administrative Analyst
City Administrative Officer

Commander George Morrison
Los Angeles Police Department

SEISMOS '83

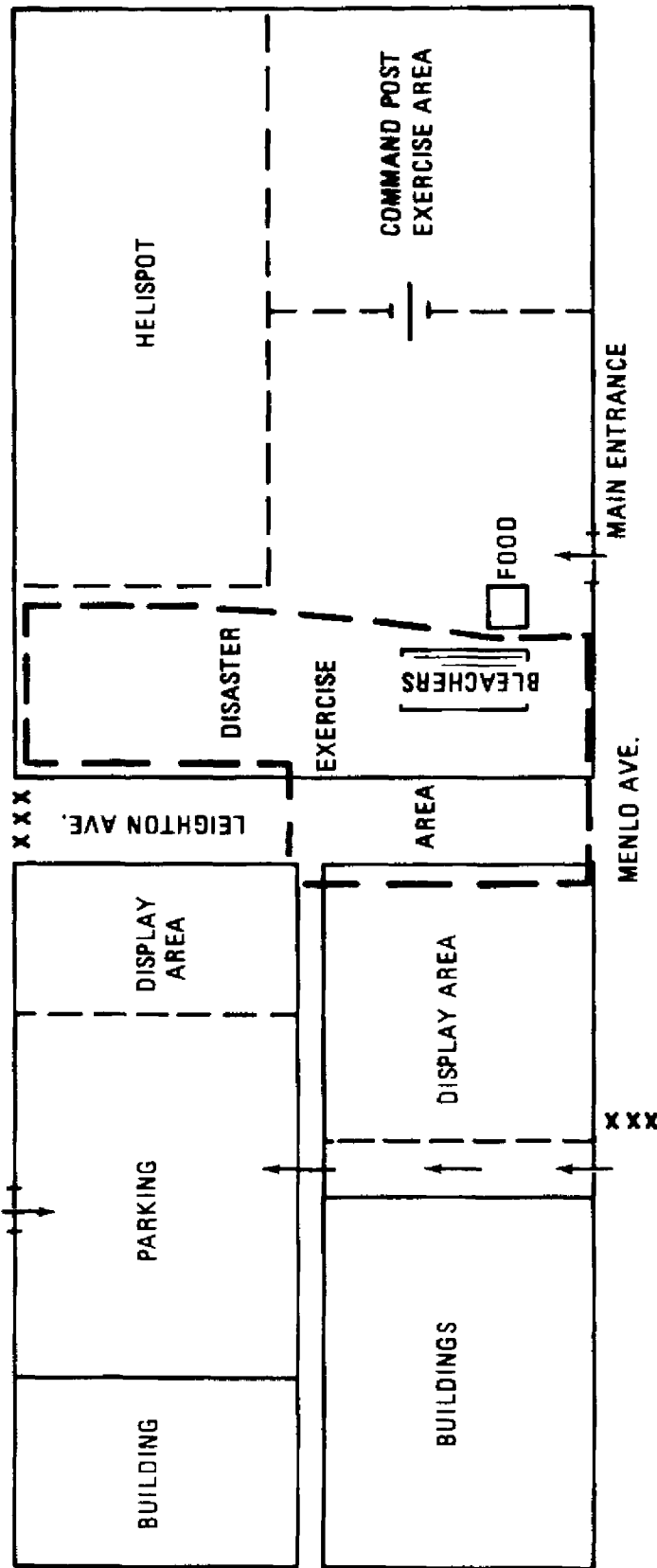
Participating Agencies and Contributors

February 10, 1983

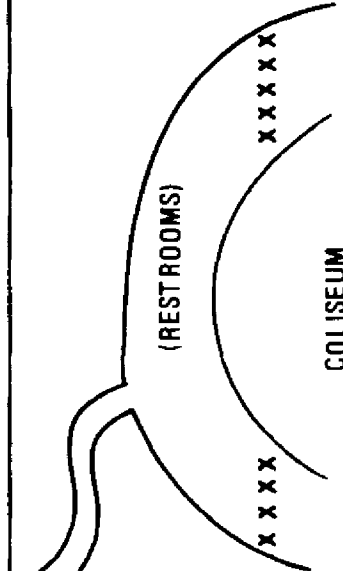
Adams Ambulance Service	Ambulance
Allen Ambulance Service	Ambulance
American Red Cross, Southern California Chapter	First Aid Station/Display
Burbank Studios	Props
CBS-TV	Props
California Museum of Science and Industry	Exercise Field
California Rescue Dog Association	Rescue Dog Demonstration
Disasters Limited Mrs. Chris Glazer	Makeup/Moulage Disaster Victims
Goodhew Ambulance Service	Ambulance
Los Angeles Coliseum Commission	Facilities
Los Angeles County Fire Department	Liaison Personnel
Los Angeles County Sheriff's Department	Liaison Personnel
Los Angeles County USC Medical Alert Center	Medical Coordinator
Los Angeles County USC Medical Center	Hospital Triage Team
North Hills Jaycees	Donation for Food
Los Angeles Unified School District	Exercise Personnel, Bus and Communications Vehicle
McCormick Ambulance Service	Ambulance
Professional Ambulance Service	Ambulance
Salvation Army	Food Preparation
Schaffer's Ambulance Service	Ambulance
Southland College, Los Angeles	"Disaster Victims"
State Of California Office of Emergency Services	Display Equipment Liaison Personnel
Tri-Ess Science, Inc. Mr. Ira Katz	Pyrotechnics
United States Air Force	Display Equipment
University of California at Los Angeles, Medical Center	Hospital Triage Team

1/20/83

VERMONT AVE.



(SANTA BARBARA)



MARTIN LUTHER KING BLVD.

SEISMOS '83 COMMAND POST

39th ST.

WIRES

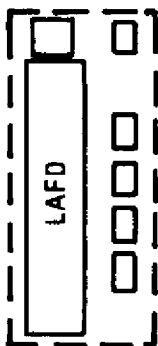


C.P. VEHICLE PARKING



LAFD FOOD SERVICE

CHECK IN POINT



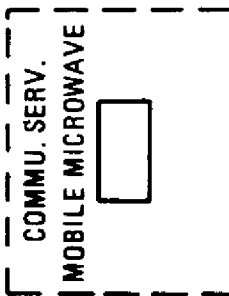
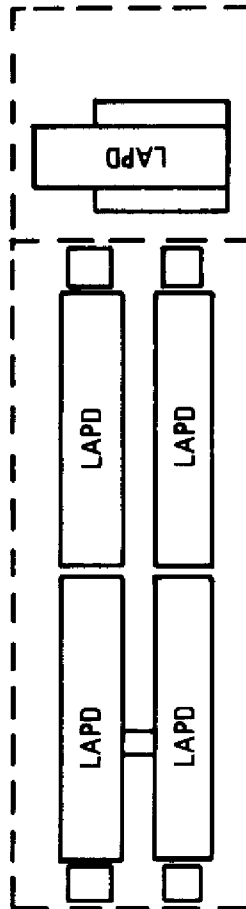
CITY

PLANNING

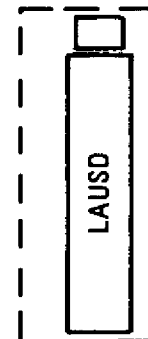


E.O.C.

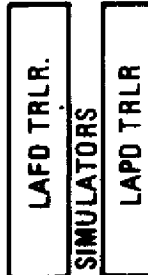
PUBLIC INFORMATION OFFICERS



COMM. SERV.
MOBILE MICROWAVE



LAUSD



LAFD TRLR.

SIMULATORS

LAPD TRLR

MENLO AVE.



= 7 FT.

N

CITY DEPARTMENT FIELD EMERGENCY OPERATIONS CENTER

