Santa Clara Valley Water District

Emergency Operations Center

EOC Operations Briefing

January 12, 2000

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Emergency Preparedness Coordinator

Welcome to the Santa Clara Valley Water District E.O.C.

Purpose and Scope of the EOC

The EOC exists to provide a facility from which the organization's response to an emergency can be effectively coordinated.

The Mission of the SCVWD EOC

Prevent further loss of life & injury.

Restore essential services.

Recover from the emergency.

Mission Accomplishment

Assess and prioritize threats.

Apply resources to mitigate threats.

Re-assess and prioritize threats.

Emergency Services Act

Government Code §8550 *et seq.*.

Requires preparation for disasters

Requires the use of the Standardized Emergency Management System (SEMS)

Confers emergency powers during disasters

Provides authority for mutual aid resources

# Centralized vs. Decentralized Disaster Management

Establish command, strategy and tactical control at the lowest level that can perform that role effectively.

Ensure that lines of authority (reporting relationships) are clearly understood.

Responsibilities of Special Districts in Emergencies:

Provide competent and coordinated emergency response activity within their District or service area boundaries, and for their own personnel and facilities.

Must ensure coordination with other local governments.
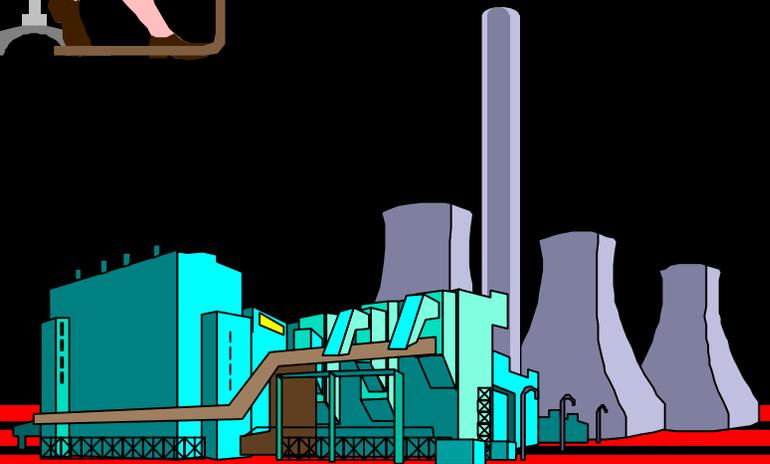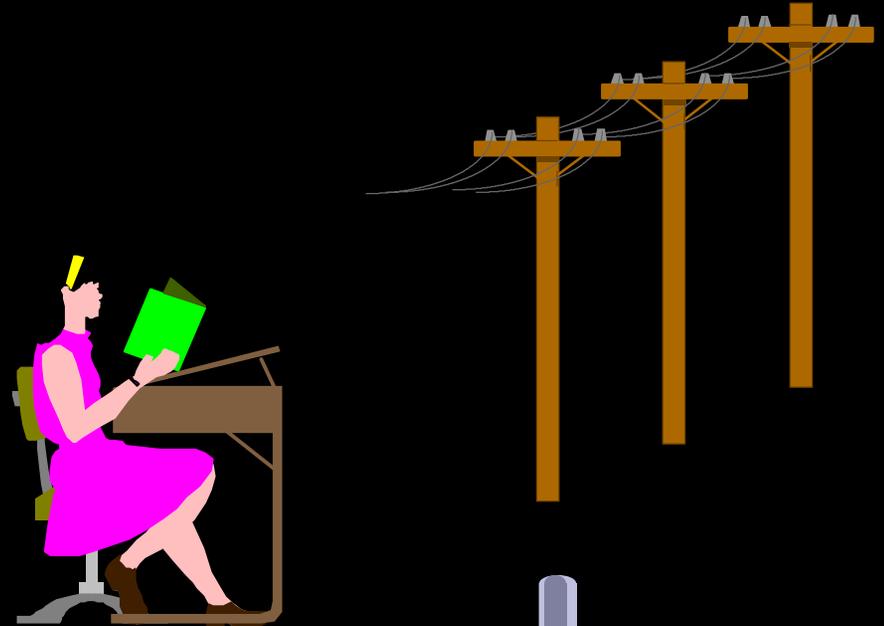
Responsibilities of County Government in Emergencies:

Provide competent and coordinated emergency response activity within the unincorporated areas

Also operate Operational Area EOCs responsible for sharing disaster intelligence and resource information among participating agencies.

County-wide Services

Definitions and Terms

Operational Area Level

> A level of the state emergency services organization, consisting of a county and all political subdivisions within the county's boundaries

> Coordinates information, resources among local governments within the operational area and higher levels

EOC Action Planning:

Focuses EOC Activities

Organizes EOC Support to the Field

Documents EOC Actions

Moves EOC from Reactive to Proactive

Incident Action Plan

Management "What to do"

Operations "How to do it"

Logistics "How it gets supported"

Plans "What is going on, how it gets published"

Finance "How it gets documented and paid for"

Operational Period

Clearly identified in plan

Determined by Director

Is a period long enough to complete a planning cycle, usually 12-24 hours

Reflects the time required in the Directors judgment to accomplish the overall objectives

Strategies:

The Objective is the "Desired Outcome(s)"

The Strategy is "Who, How, and When"

Strategy worksheets are maintained by the Section Chiefs to gauge section progress during the operational period

Strategies are coordinated approaches to objective accomplishment.

The Planning Cycle

Shift Change Briefing

Initial Action Planning Meeting

Section Chiefs Mtg.

Operational Period

Action Planning Meeting

Action Plan Progress Review

Publish and Distribute the Plan

Situation Update

Section Chiefs Mtg.

Situation Update
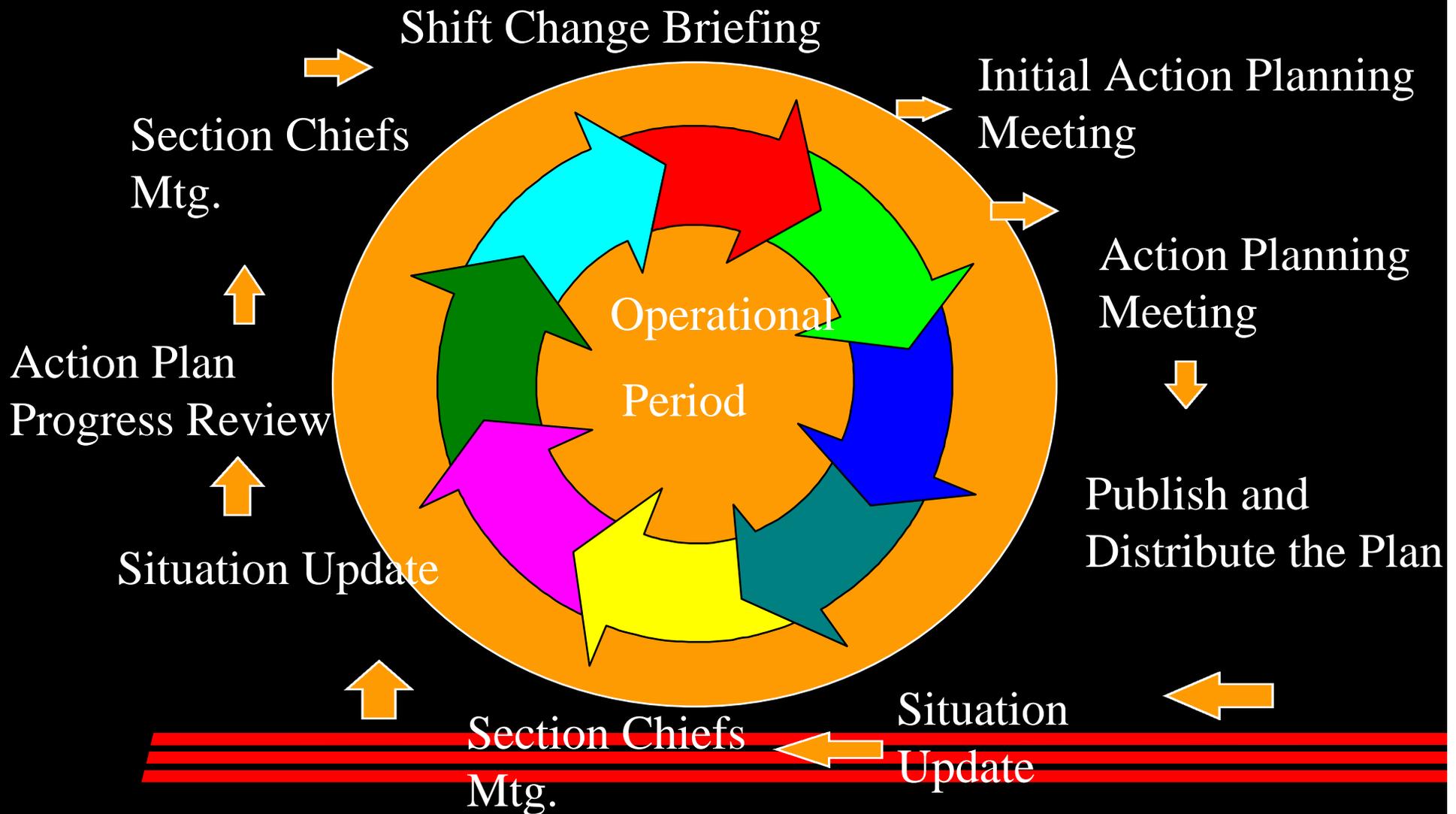
EOC ICS Organization

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                    ┌─────────────┐
                    │ EOC Director│
                    └──────┬──────┘
          ┌────────────┬───┴────┬────────────┐
   ┌──────┴─────┐ ┌────┴─────┐ ┌┴────────┐ ┌─┴──────────┐
   │ Operations │ │Planning/ │ │Logistics│ │ Finance/   │
   │            │ │Intelligence│ │         │ │Administration│
   └────────────┘ └──────────┘ └─────────┘ └────────────┘
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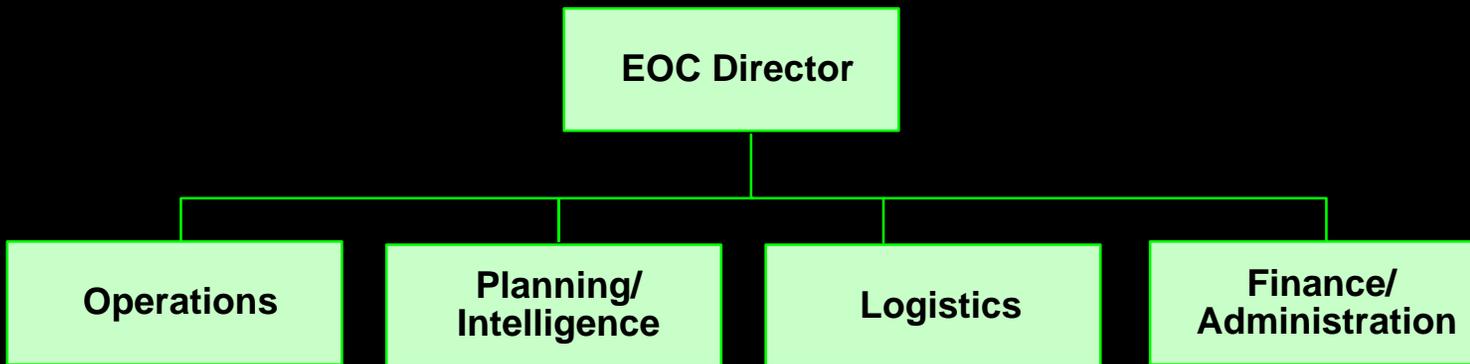
EOC Operating Requirements

Activate for any event that requires a response by more than two departments

Capable of activation within 60 minutes and able to maintain operation under all conditions

Safe access must be assured

Activation Levels

Level One:

Minimum activation with EOC Director, section chiefs, and a situation assessment unit,
plus others as needed

Activation Levels

Level Two:

May be a transitional step, or a level which fits a specified event

Staffed as needed with all 5 SEMS functions

Activation Levels

Level Three:

Full activation — all 5 SEMS functions with full staffing, including liaison agency reps

Typical activation for any major emergency

EOC Layout Considerations

Facilitate centralized coordination and efficient exchange of information

Group work areas by SEMS function

Adapt to available space

SCVWD EOC Features

High speed heavy duty FAX machines

Wireless Messaging Server

OpArea EOC Radio w/remote control

RIMS Communications Server

SCC OES Control 10 Radio w/remote control

Control 26/27 Radio w/remote control

SCVWD EOC Features (continued)

On-site SCVWD network server

State-of-the-art PC @ each workstation

Workstation Lighting & PC UPS protected

Portable Audix Telephone Console

SDS EM-2000 EOC Software

EOC staff profiles installed on all PCs

Amateur Radio Control Station w/remote

Digital interface w/sensor data monitoring

EM/2000 - EOC Software for the new millennium!

EM/2000 ™ Emergency Management System

Reporting
- Incident Recorder
- Situation & Other Reports

Messaging
- Messaging/Tasking
- Universal Message Box

Resourcing
- Resources
- Contacts
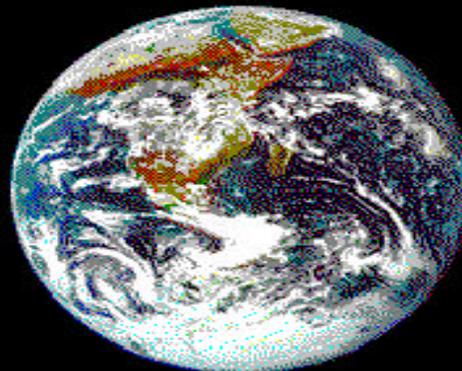
Administration
- Customize EM/2000
- Search EM/2000

Status Boards
- Closure
- Weather
- Shelters

Planning
- Incident Action Plans
- Incident Planner
- Checklists
- Sara Title III

Login to System   Online Help   Exit

Current User: OPERATIONS CHIEF

Log messages/requests from field personnel and track tasks...

As field personnel evacuate the neighborhoods and require additional information or resources, they can communicate their progress and needs to the EOC through EM/2000™ electronic messaging and task management.

☑ **Display EM/2000™ Tracker log...**

_____ = Streets that have been evacuated

In the same way, real-time locations like the command-post location, staging areas, or locations of available busses can be placed on the map "on the fly" and removed or relocated as necessary.
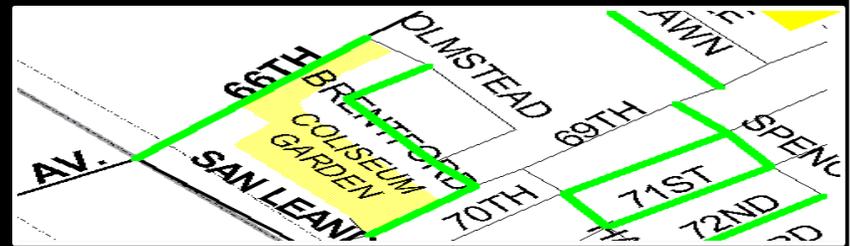
EM/2000 ™ Using GIS to understand the true situation.
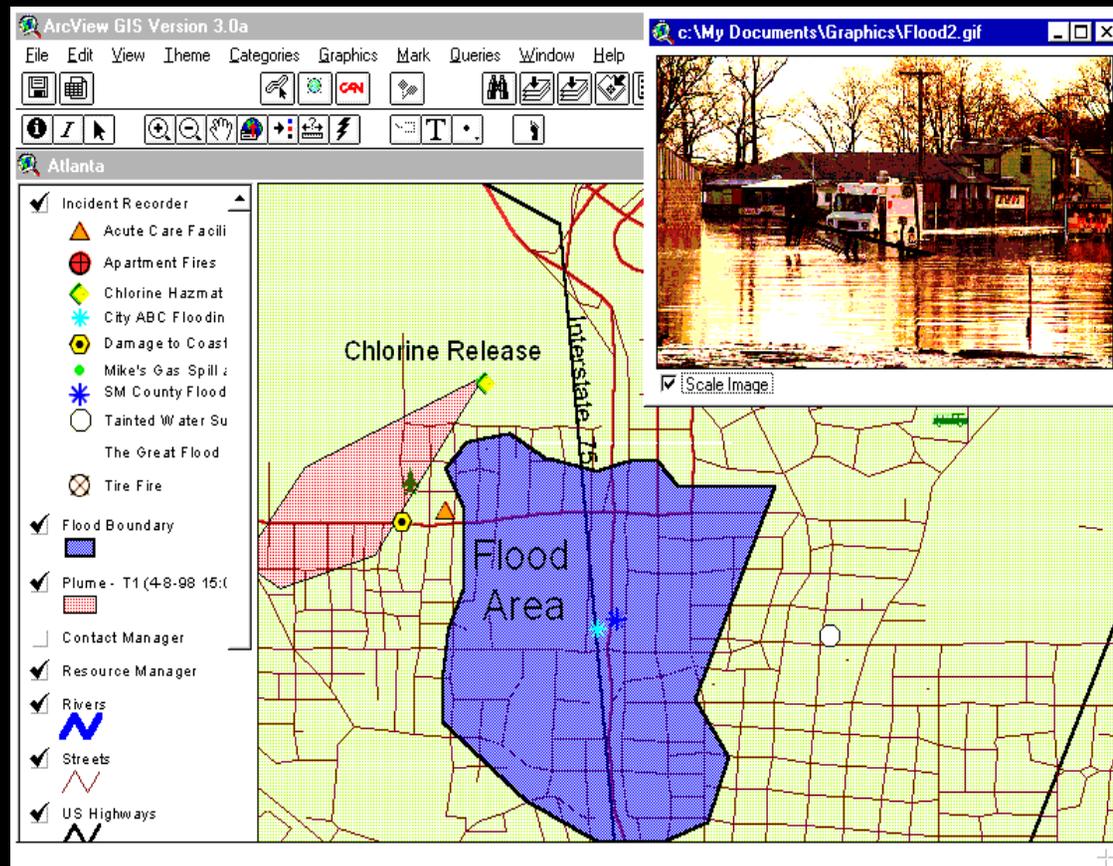
The EOC Manager calls for a briefing. A situation report is generated and response/recovery objectives and tasks are entered into the EM/2000™ Incident Action Plan database.

☑ **Display EM/2000™ Situation Report ...**

EM Reporter - Situation Reports\Current Situation - Lotus Notes

File   Edit   View   Create   Actions   Window   Help

[New Report]   [Response]   [Go To...]
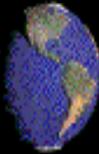
REPORTER Situation Rpts

BACK   HELP

Current Situation

Response Status

Location	Current
▼ 20: Overturned Tanker - Peachtree a	
Peachtree Street	0
▼ 2: Flood Mill Creek	
Mill Creek	0
▼ 3: Petro Spill	
125 Main Street	99

[Close]   [Print...]

Management message center on 04/29 at 07:32 PM

Situation Report   EM/2000 OES Documents

City of Oakland
Office of Emergency Services
Situation Report

The following information has been reported to the Governor's Office of Emergency Services from federal, state, regional and local government agencies.

1. [Incident]   Name: 23rd Street Auto Repair - Hazmat Spill (Note: An Event/Incident Report must exist for this event prior to creating a Situation Report.)
2. Report as of: 05/14/97 10:33 PM (Initial Report)

3. Date/Time of Event: 05/13/97 01:38 PM
4. Event Location: 23rd St Auto
5. Event Type: Hazardous Materials
6. Areas Affected: contained to 23rd street at Main street intersection
7. Current Situation: Level 1
8. Current Situation Detail   Locations, Comments, etc.

8. Current Situation Detail		Locations, Comments, etc.
a. Significant Damage:	Y	unknown
b. Deaths:	Y	0
c. Injuries:	Y	4
d. Damaged Buildings:	Y	unknown
e. Utility Problems:	Y	none
f. Commo Problems:	Y	none
g. Road Problems:	Y	Main Street closed due to petroleum spill
h. Evacuations:	Y	none
i. Critical Issues:	Y	
j. Other Problems:		impact area isolated but hazmat flowing into nearby creek - response crews onscene.

9. Major Incidents: Hazmat Spill, Traffic Accident, Evacuation of Coliseum
10. Response/Recovery Priorities: Contain hazmat incident area, begin returning evacuated citizens to their homes
11. Date/Time of Next Report: 05/14/97 10:00 PM
12. Proclamations/Declarations:
    a. Local: Local Emergency
    b. Gubernatorial Requested: Y
    c. Director's Concurrence: Y
    d. Gubernatorial Received: Y
    e. Presidential Requested: N
    f. Presidential Received: N

13. Response	Status	Details, locations, comments, etc.
a. EOC(s) Activated:	Yes	

WEATHER

Colder w/ = < normal precipitation

Pineapple Express

PREPAREDNESS - All Hazards

Readiness

Capabilities / tools

READINESS

SEMS

ICS

EOC Action Planning

Flood Intelligence Teams

City & EMA Briefings

Training

Exercises

CAPABILITIES / TOOLS

SEMS / ICS Layout

Communications

Staff Alert System

Radios

Web Site

Phones

Software