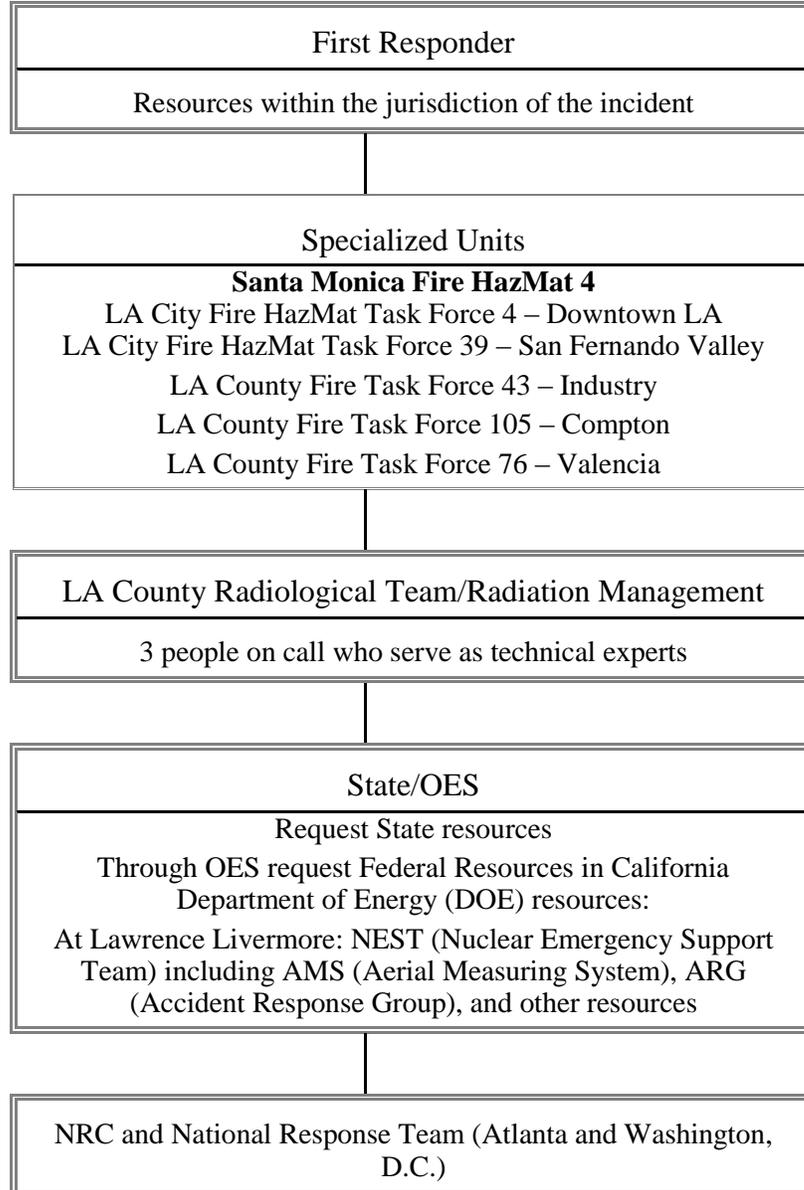


RADIOLOGICAL PROTECTION PROCEDURES FOR CITIES IN THE LOS ANGELES COUNTY OPERATIONAL AREA

RADIOLOGICAL INCIDENTS: TIERED RESPONSE



PROCEDURES

Refer to Los Angeles County Fire Department Emergency Operations Manual.

Refer to Fire Department SOPs for Hazardous Materials/Radiological Incidents.

CIVIL PREPAREDNESS GUIDE (CPG) RADIOLOGICAL PROTECTION REQUIREMENTS

In conjunction with the Logistics Section, obtain and maintain radiation and hazardous materials detection devices.

- All Santa Monica Fire Department fire apparatus carry radiological equipment that will detect beta and gamma radiation.
- Santa Monica Fire Department HazMat Squads carry radiological equipment that can detect alpha, beta and gamma radiation.
- City of Santa Monica Fire Department does maintain RADEF equipment. (All Fire Department front line apparatus carry dosimeters. District Engines, the Truck and the Command Vehicle carry monitors capable of detecting alpha, beta and gamma radiation as well as radiological contamination.)
- City of Santa Monica should contact Fire HazMat to augment radiation protection capabilities.

Maintain radiation exposure records for response personnel and require dosimeter readings at appropriate frequencies, if necessary, during emergency operations.

- Safety Officer at incident site
- Long-term maintenance (career exposure)
 - Individual personnel records. Radiation exposure records for Fire personnel will be maintained at the Santa Monica Fire Department
 - Health care providers

Follow Fire Department procedures for radiological decontamination of response personnel, equipment, supplies, instruments and facilities.

See - City of Santa Monica Hazardous Materials SOPs for Radiological Protection Procedures.

See - Los Angeles County Fire Department Emergency Operations Manual
Hazardous Materials Incidents: Vol. 10, chapter 6, subject 1, pages 12-13
Radiological Monitoring: volume 5, chapter 7, subject 1, pages 78-80

Identify medical facilities with the capability to decontaminate radiological or chemically contaminated casualties.

The Hospital Council of Southern California's Radiation Accident Guidelines dated January 1978 (currently under revision) states: *"If victims are required to be transported to hospitals, this activity will be coordinated by Los Angeles County: The Medical Alert Center (MAC)"*

In conjunction with the Health Branch, develop procedures for determining the levels of radiation exposure of affected individuals and providing treatment and care.

- Utilize the radiological equipment at scene to determine levels of radiation exposure.

- Apply regular department procedures for treatment.

Appoint personnel to perform radiological monitoring, reporting and decontamination duties during emergencies.

- Appointment of personnel is specific to the incident tiered response.
- Every Santa Monica City Fire Fighter has received minimum training competencies in radiological response.
- Every Santa Monica fire fighter has radiological training

In conjunction with the Planning/Intelligence Section, prepare radiological reports for submission to the state or federal governments, as appropriate.

Utilizing federal guidance with input from the state and local health agencies, arrange for crisis training of emergency services staff and shelter teams for radiological monitoring reporting and decontamination duties.

- Station in-service drills are held on radiological monitoring to update field personnel.

In conjunction with the Logistics Section, the FD Training Officer will identify instructors for crisis training in radiological monitoring, reporting and decontamination for field and EOC operations.

In conjunction with the Logistics Section, maintain an inventory list of the source and quantity of available RADEF instruments.

- All Santa Monica Fire Department fire engines and LA County Health HazMat units carry appropriate equipment to detect high and low levels of radiation.
- City of Santa Monica Fire Department apparatus carry radiation detection equipment. All apparatus carry dosimetry equipment capable of measuring gamma radiation.