

# San Luis Obispo County Office of Emergency Services

Overview of Emergency Planning, and Evacuation Related  
Information



- Introduction to OES
- Overview of Emergency Management and Planning in SLO County
  - Evacuation and Related Planning
    - Where to Get Preparedness Information

**Objectives – what we will discuss**



- SLO County Office of Emergency Services...
- ... serves as the general emergency management Operational Area Coordinator

**Who and What is OES?**

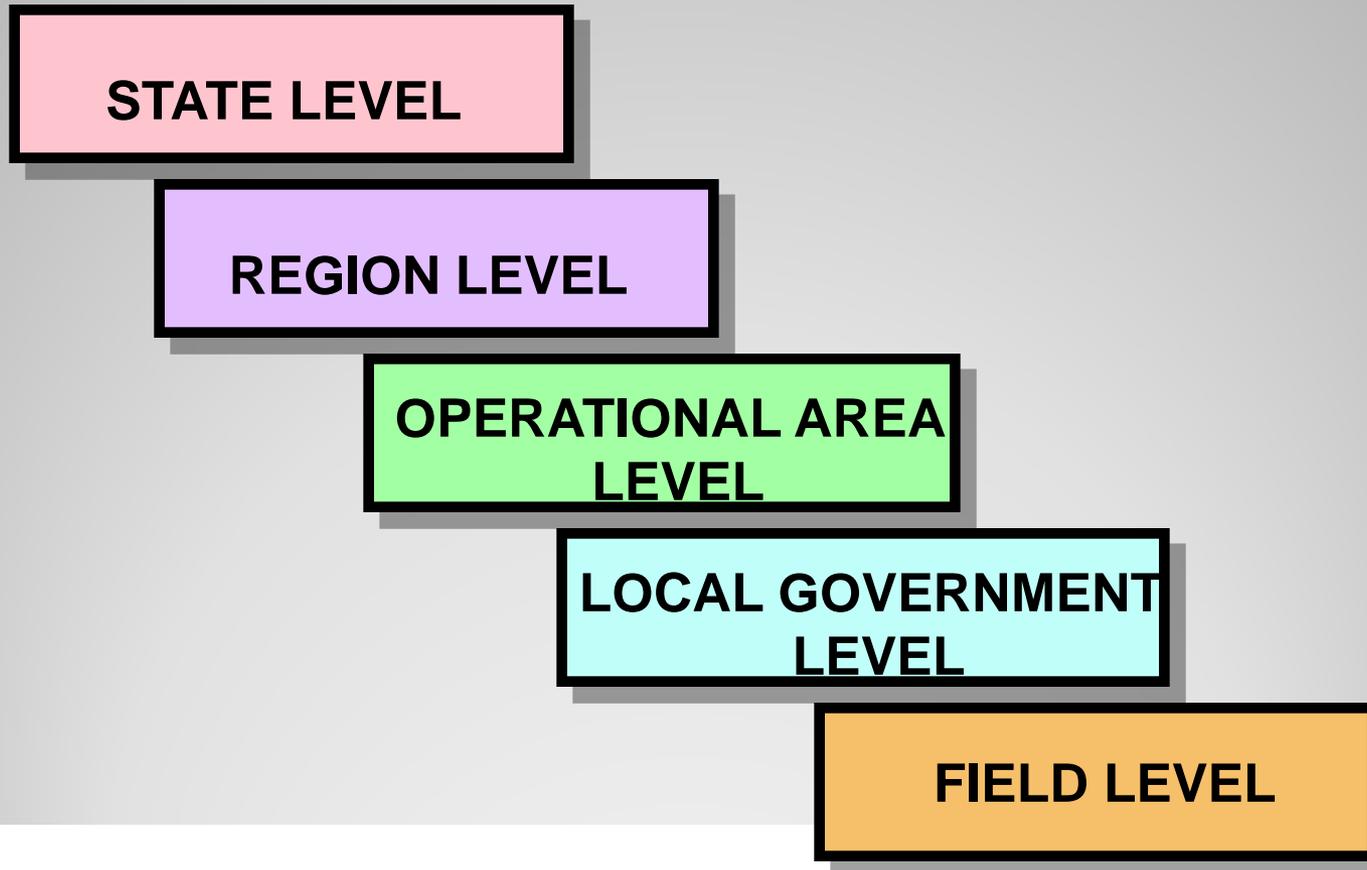
# What is an Operational Area?

- In emergency management terms and purposes in California, an Operational Area is simply all the local governments within the geographical boundary of a county

## **In our case ...**

- **County government**
- **All seven cities**
- **Special districts**
- **School districts (coordinated through COE)**
  
- **Although we also work closely with many locally based State agencies who are also essentially part of our Op Area ... State Parks, CHP, Caltrans, Cal Poly, others.**

# Op Areas are part of the Calif. Standardized Emergency Management System Concept



# Emergency Management Coordination



- With unusual “music” (unusual emergencies) or to perform a concert” (large emergencies or disasters) a conductor is necessary - someone to coordinate and manage the “big picture”.

# How the “Band” is Organized



There are four *primary* “big bands” in the Operational Area

## Four “primary” OA coordinators

- Law Enforcement: Sheriff
- General Emergency Management: OES
- Public Health: County Health Officer
- Fire Service: As elected by the Fire Chief’s Association of SLO County (day-to-day is generally County Fire, Cal Fire)

# As the General Emergency Op Area Coordinator:

*OES serves as a coordinating agency between partner agencies to prepare and respond to emergencies.*

*OES also coordinates between local jurisdictions and the California Emergency Management Agency*

Planning is the first step in preparedness. OES develops and maintains plans for many different types of emergencies and disasters, including:

Emergency Operations Plan	Earthquake
Nuclear Power Plant	Tsunami
Hazard Mitigation Plan	Hazardous Material Spill
Emergency Alert System	Dam and Levee Failure

**Plans**



**How we link together ...**

# Centralized Emergency Coordination

- During large emergencies, centralized coordination can be done from the County Emergency Operations Center, and related Department Operations Centers.



# Emergency Operations Center

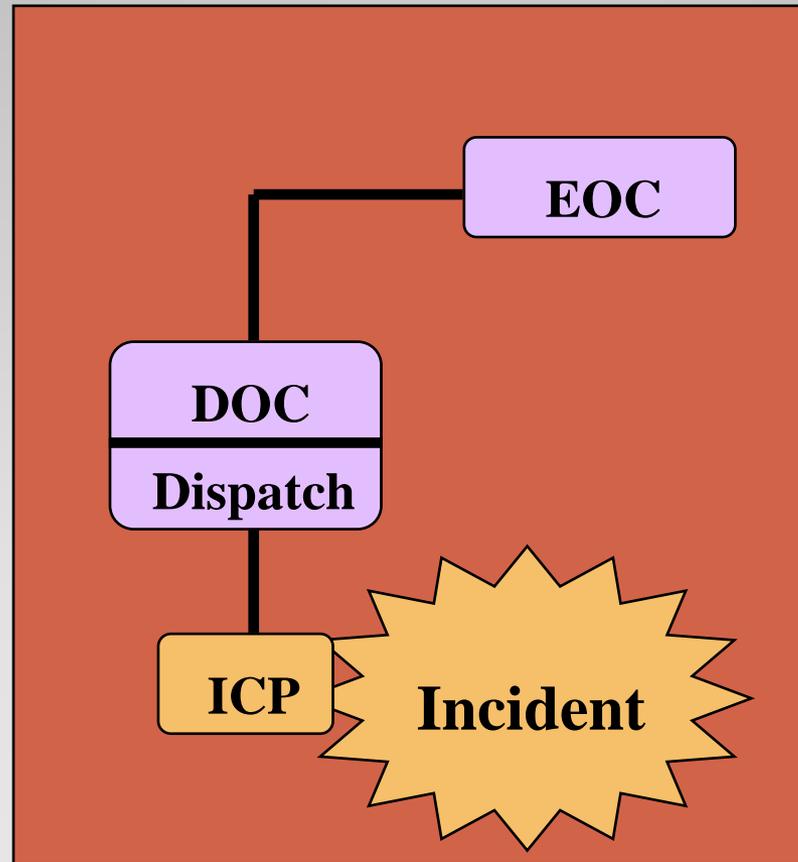
- A dedicated facility serves as the County's Emergency Operations Center (EOC)
- Used for many different types of emergencies and disasters
- Staffed partially or fully depending on need and severity of emergency
- Co-located with PG&E Emergency Operations Facility



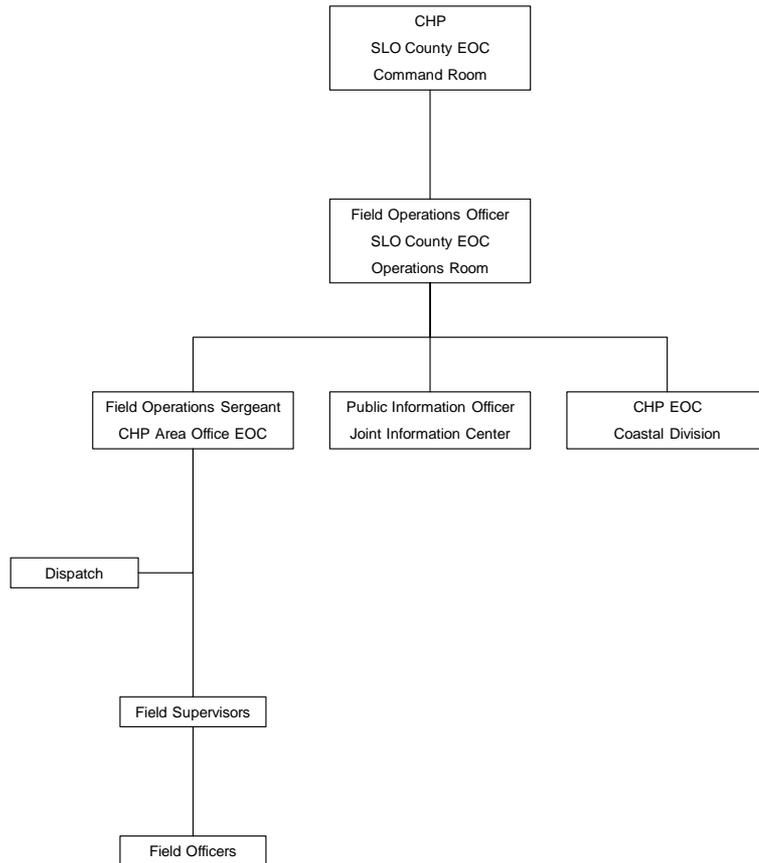
# Emergency Operations Center

- What is the County EOC, who is in the EOC, when it is activated
- City EOCs
- Department Operations Centers (or similar functions): such as County Office of Education, Public Health, Public Works, Caltrans Traffic Management Center, CHP, American Red Cross, and more.

# Example: Single Incident Situation



# Coordination – One Example



## AVILA AREA

Total Officers Required - 12  
Total Sergeants Required - 1

## PAZ #3

## **Coordination issues include:**

- **Protective action decisions, such as evacuations or shelter-in-place**
- **Emergency Public Information (including Early Warning System systems in the Diablo Canyon Emergency Planning Zone)**
- **Interagency (multiple agency) response coordination**

# Evacuations

- In CA, evacuation is a law enforcement responsibility.
- In large or fast moving incidents, fire and other agencies will assist.
- Large-scale and/or planned evacuations will be coordinated by the County EOC with input from Incident Command Posts and other field staff.

# Evacuations

- Authorized persons to issue evacuations in SLO County:
  - Incident Commander or Incident Command Staff
  - Emergency Services Director
  - County Health Officer or Designee
  - Other personnel depending on the nature of the emergency

# Other Agency Roles

- Public Works-
  - Emergency road and infrastructure repair
  - Coordinate transportation resources
  - Provide resources and personnel to assist CHP with traffic flow
  - Assist with identifying evacuation areas during relevant incidents

# Other Agency Roles

- County Fire

- Assist with route alerting and carless collection
- Implement special needs checks
- Identify evacuation areas during relevant incidents
- Assist with evacuations as able

- County Health

- Identify evacuation areas in public health emergencies
- Assist with safe evacuation of hospitals, special needs facilities

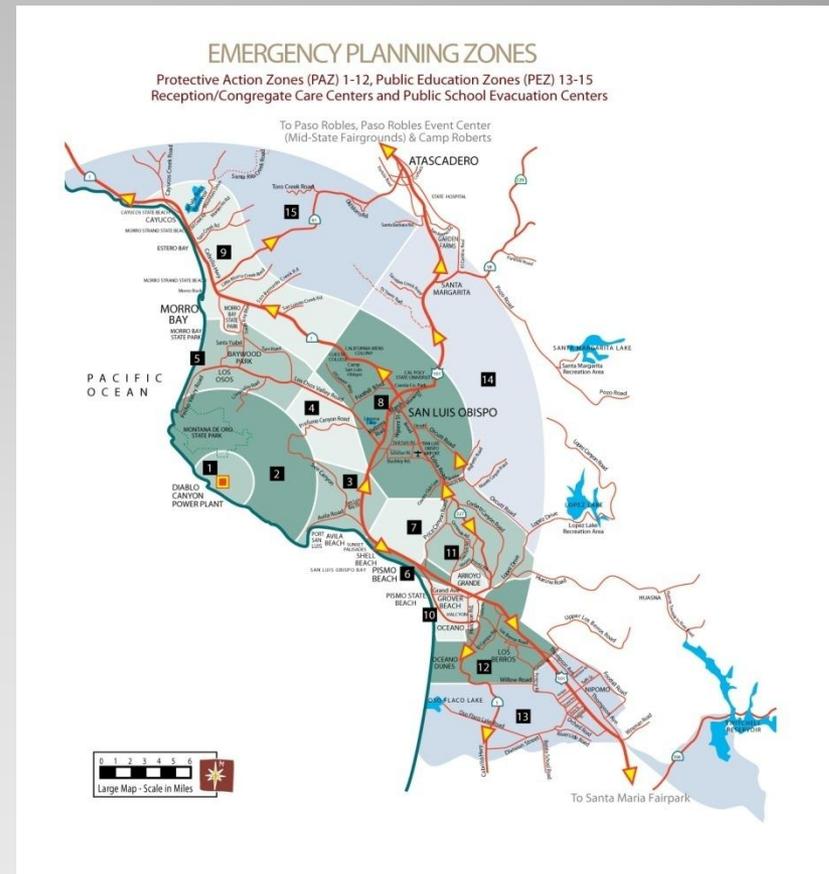
- FEMA Radiological Emergency Preparedness (REP) program
- Program created to address communities with commercial nuclear power plants.
- FEMA reviews and approves planning and preparedness activities, evaluates exercises and issues findings if issues are identified.



# Nuclear Power Planning

Planning

- Federal Requirement: 10 mile Emergency Planning Zone (EPZ).
- We chose to establish a 18X22 mile EPZ.
- EPZ broken into smaller Protective Action Zones (PAZ) for planning purposes.
- Large EPZ allows for more training, more plans, more agencies involved in preparedness and response.
- Planning stretches even further for agricultural considerations



# Nuclear Power Plant Planning

Planning

# **1 NPP Admin Plan (Overview)**

## **58 agency and function based SOPs ... *SOPs include:***

- Checklists for each emergency position.
- Preplanned actions based on emergency classification level.
- Evacuation Time Estimates
- Special Needs considerations
- Public School Relocation

# **1 NPP Admin Plan (Overview)**

## **58 agency and function based SOPs ... *SOPs include:***

- Carless Collection
- Public Notification Methods
- Protective Action Guidelines
- Exposure Control Guidelines
- Reentry, Return, and Recovery
- Ingestion Pathway issues

Most training is driven by Nuclear Power Plant funding, but skills can be transferred to all types of emergencies.

### Annual Emergency Worker Training Program:

- Overview of Emergency Plans
- Procedure training
- Field sampling
- Monitoring, and Decontamination
- Exposure control
- Public Information
- Public Notification Methods
- Dose Assessment

**5,576 hours in 2011**



# Training Overview

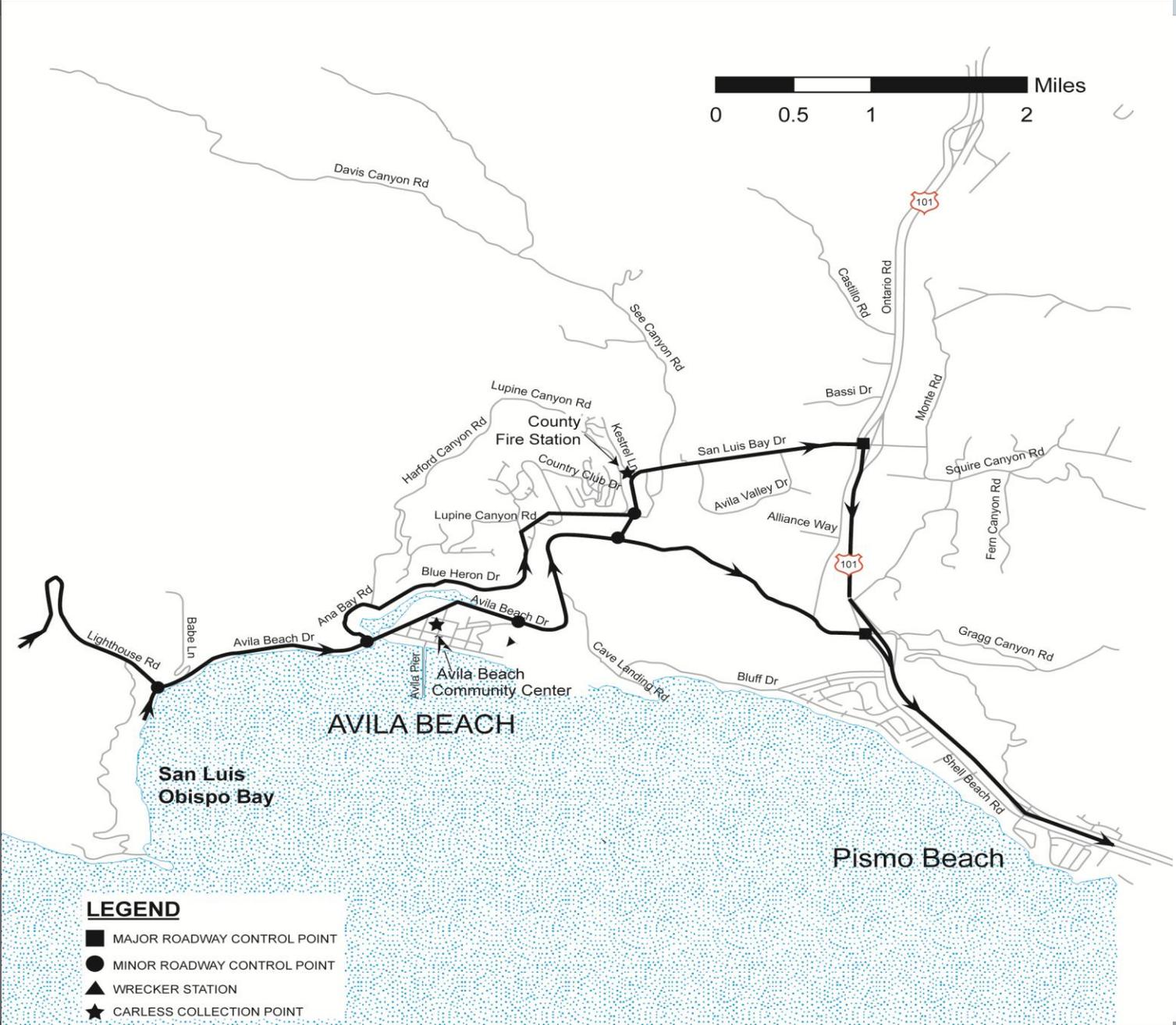
Training

# Examples of Implementation of Evacuation for Diablo Canyon

- Impediments- Tow trucks mobilized in advance. Caltrans, PW, CHP can utilize push bumpers, heavy equipment
- Incoming Traffic Restrictions:
  - Northbound Traffic at SR 126, SR 246, SR 154, & SR 166
  - Southbound Traffic at SR 152, SR 198 and SR 46 and Highway 1 will be closed at Monterey.

## Examples of Implementation of Evacuation for Diablo Canyon

- Contra Flow lane reversal – A plan that alters normal flow of traffic. To be used as a last resort for a county-wide emergency evacuation.
- Depending on the situation, evacuation plans actually call – if safe to do so -for allowing people to return to areas to be evacuated to close up homes, meet family members, get pets, and related needs



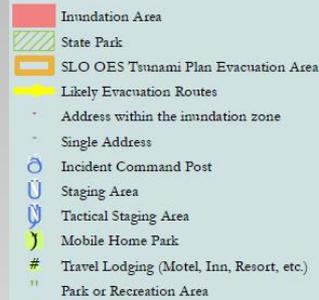
**LEGEND**

- MAJOR ROADWAY CONTROL POINT
- MINOR ROADWAY CONTROL POINT
- ▲ WRECKER STATION
- ★ CARLESS COLLECTION POINT

- Tsunami Emergency Response Plan
- Coordinated effort between agencies for a unified response
- Established tsunami inundation zones for coastline
- Maps for emergency responders

## Southern San Simeon

The San Simeon area extends from just north of Pico Creek to Cambria Pines Rd, and includes several State Park beaches, a State Park campground as well as San Simeon Acres, a small CSD consisting of several motels/inns, a few small markets and gas stations and approximately 300 residences, including the Pineview Mobile Home Park.



Created June 2009  
Governor Arnold Schwarzenegger  
CAL FIRE Director Del Waters  
San Luis Obispo Unit Chief Matt Jenkins  
Projection: NAD83  
Scale: 1:5,000  
File: Captain Craig, Mike, greg@slco.org  
Map Date: 06/24/2009

Map for Reference Purposes Only. The CAL FIRE/SLO County Fire Dept does not assume liability for any damages caused by errors or omissions in the data and makes no warranty of any kind, express or implied, that these data are accurate and reliable.



**TSUNAMI!**

HOW TO  
SURVIVE THE  
HAZARD ON  
CALIFORNIA'S  
COAST

# Tsunami Planning

Planning



# Tsunami Evacuation Planning

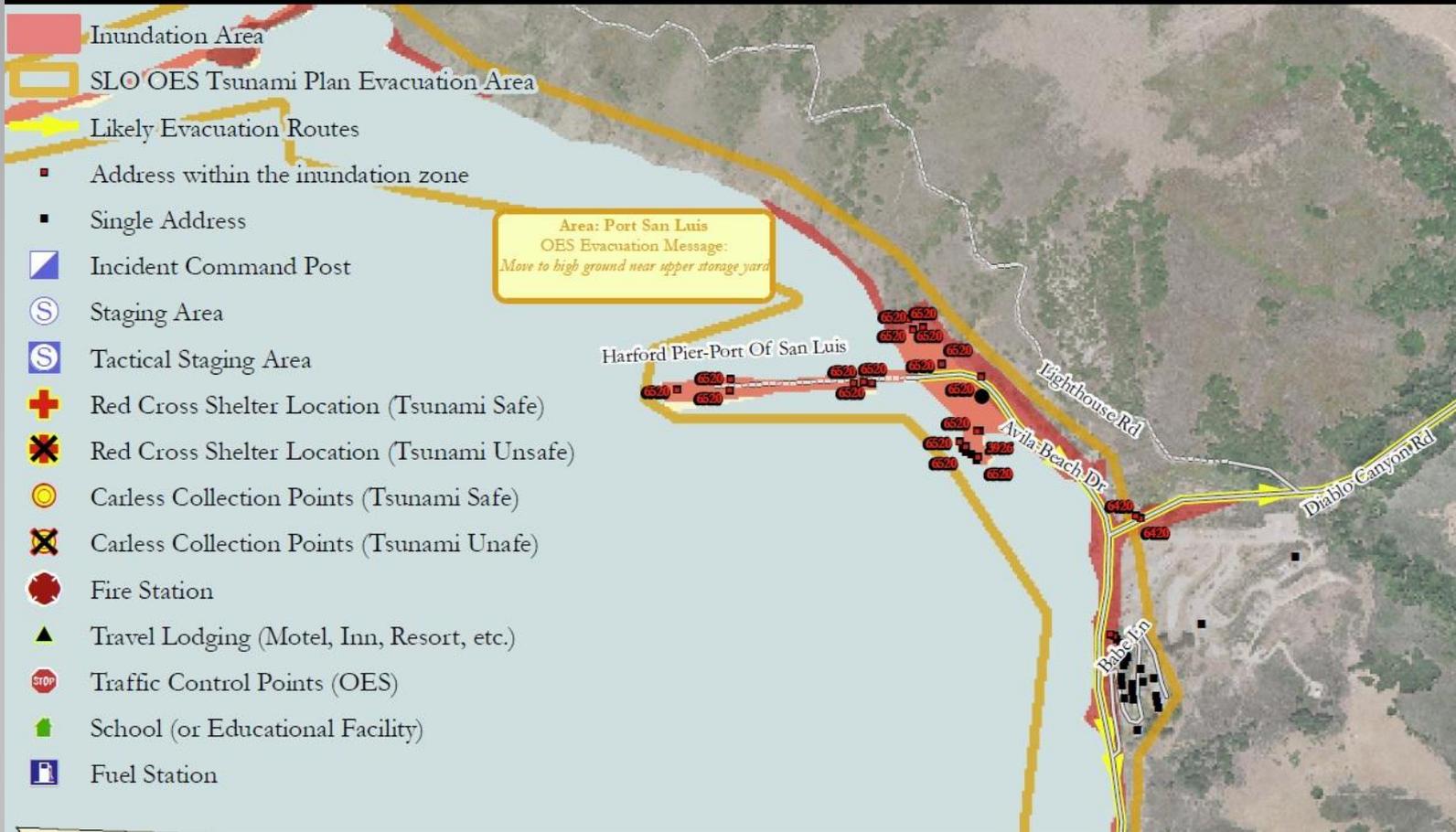
- Tsunami inundation zones identified by USC, USGS, CalEMA geologists.
- Tsunami Plan Includes:
  - Potential Inundation Areas
  - Evacuation Areas and Routes
  - Traffic Control Points
  - Scripted Public Information



# Tsunami Evacuation Planning

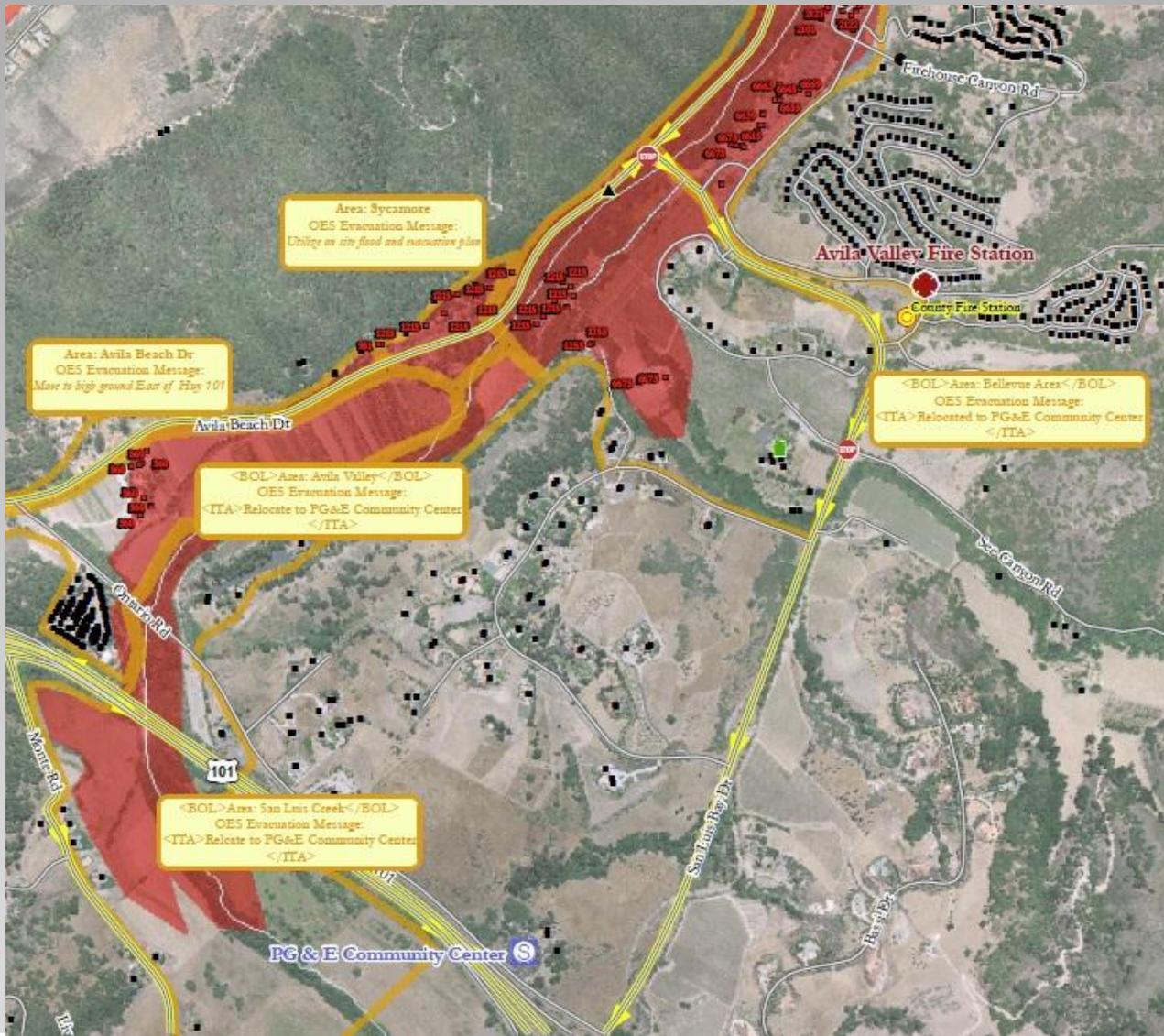
- Evacuation areas are for a max wave height—scaled down for smaller waves.
- Pre-Plans produced for Op Area field staff to aid in response and evacuations.

The Avila Valley area has a high tourist population which may lead to some complications with evacuations. Ingress and egress routes into the Avila area include Avila Valley Rd and San Luis Bay Dr. Additionally, San Luis Creek runs from the ocean near the downtown area of Avila Beach and continues up a canyon – predictions show possible inundation up this canyon, past Highway 101. However, this area floods on a regular basis and as such development near the creek is minimal; structure and infrastructure damage should be minimal.



# From Emergency Worker Pre-plan



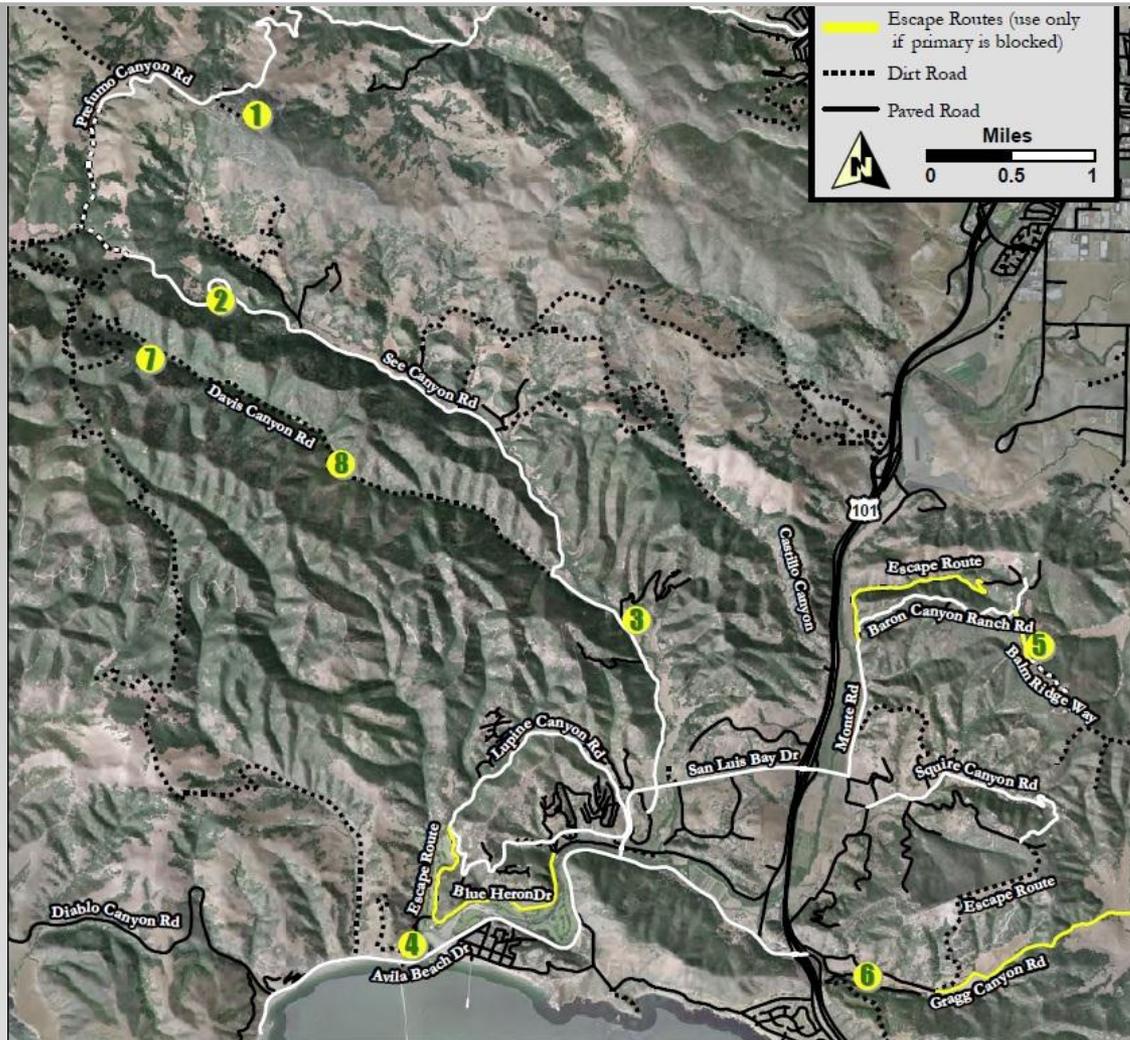




# Wildland Urban Interface (WUI) Planning

- Plans produced by CAL FIRE/SLO County Fire with assistance from Homeland Security Grant funds.
- Plans address:
  - Potential evacuation areas and routes
  - Pre-designated areas of safe refuge
  - Special considerations including building construction, fuels and hazards.





**From County Fire/Cal Fire Pre-plan**

## County of San Luis Obispo

COUNTY GOVERNMENT CENTER, RM. D410 • SAN LUIS OBISPO, CALIFORNIA 93408 • (805) 781-5011



JIM GRANT  
COUNTY ADMINISTRATOR

*Please read editor's note regarding immediate rumor control issue (March 15, 2011)*

### NEWS RELEASE

FROM THE COUNTY OFFICE OF EMERGENCY SERVICES and  
THE COUNTY PUBLIC HEALTH DEPARTMENT

Contact: Ron Alsop, Emergency Services Manager, Office of Emergency Services (805) 781-5011  
Michelle Shoresman, Public Health Emergency Preparedness Program Manager,  
(805) 788-2067

### County Provides Potassium Iodide Information

San Luis Obispo, CA, March 15, 2011 – As a result of a number of inquiries from the public to the San Luis Obispo County Public Health Department and the Office of Emergency Services regarding potassium iodide, County Public Health and the Office of Emergency Services are providing the following information.

Potassium iodide is not an "anti-radiation" pill. It is a supplemental protective measure, secondary to evacuation or sheltering in place. Evacuation and sheltering in place remain the primary protective actions during a radiological emergency.

Potassium iodide protects the thyroid gland by satisfying its requirement for iodine. When taken under the direction of state or local public health officials, potassium iodide is absorbed into the thyroid gland, thus protecting it from absorbing any radioactive iodide.

### Where Can I Get Potassium Iodide?

Potassium Iodide continues to be available for residents who live or work in the Emergency Planning Zone (EPZ) surrounding the Diablo Canyon Power Plant. San Luis Obispo County residents who live or work in the Emergency Planning Zone can bring in their voucher to pick up their free potassium iodide supply. The voucher is also available on the County's Public Health website.

Locations currently distributing Potassium Iodide to EPZ residents:  
San Luis Obispo Office, 2191 Johnson Ave., San Luis Obispo (805) 781-5500  
Grover Beach Office, 286 S. 16th St., Grover Beach (805) 473-7050

[www.slocountyoes.com](http://www.slocountyoes.com)

**During times of emergency: 543-2444**



**REVERSE 911<sup>®</sup>**

**Public Notification & Information**

Public Information

# Notification and Information

- Emergency Alert System (EAS)
- Early Warning System sirens (EWS)
- Tone Alert System
- Multiline Phone Unit
- Reverse 9-1-1
  
- Social media ... note during the presentation



Dedicated facility serves as the Joint Information Center (JIC).

**JIC Includes:**

- Press briefing room
- Workspace and news monitoring
- Phone Assistance Center



# Joint Information Center & Phone Assistance Center

Capabilities

- Annual Nuclear Power Plant Public Information Campaign
- Materials reviewed, revised, and distributed yearly.
- Regulated by FEMA

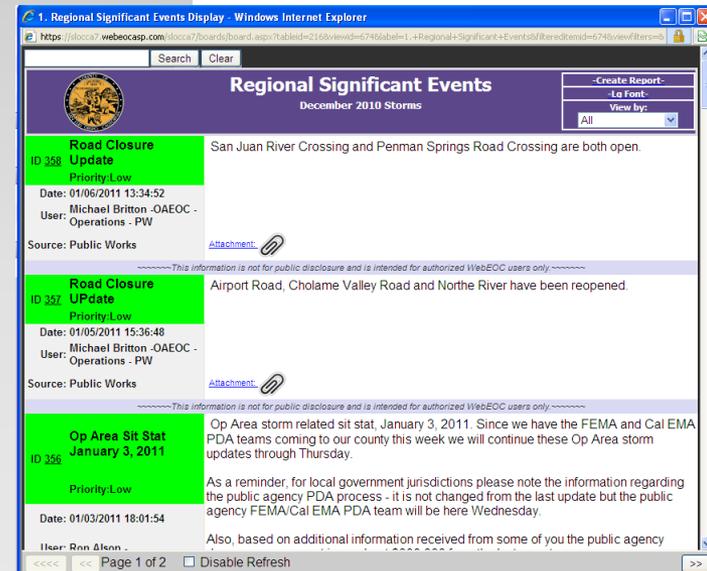


## Public Information-Nuclear Power

Public Information

# Overall Note – Interagency Communications

- Red Phone System
- Tone Alert System
- WebEOC
- Hand-held radio caches
- Direct Intercom Phones
- Satellite Phone systems
- RACES (Ham radio)



- Centers to receive, monitor, and decontaminate the public and emergency workers.
- Agreements and plans are in place for these centers.
- Plans tested during exercises.
- Supplies and equipment are stored in trailers for flexibility.
- Shelters may be co-located or at a nearby facility.



## Reception, Monitoring, and Decontamination Sites

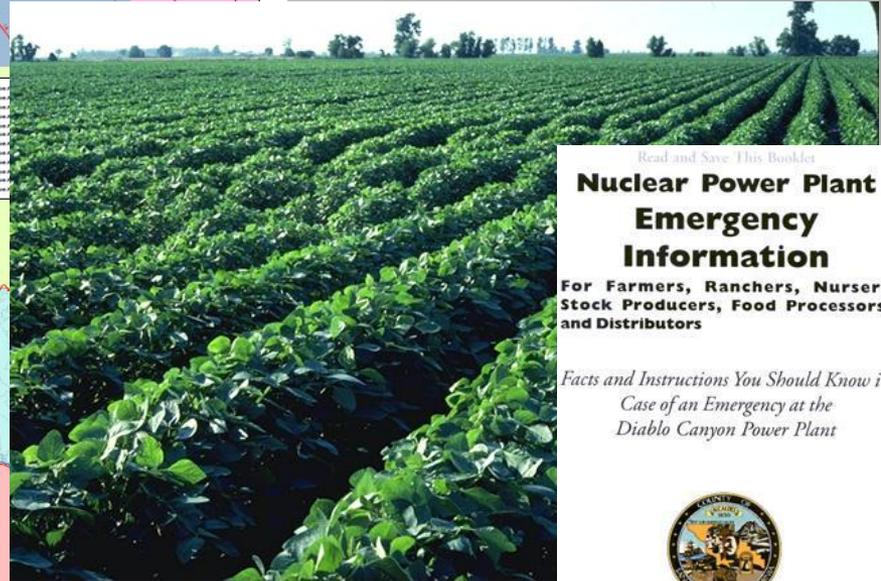
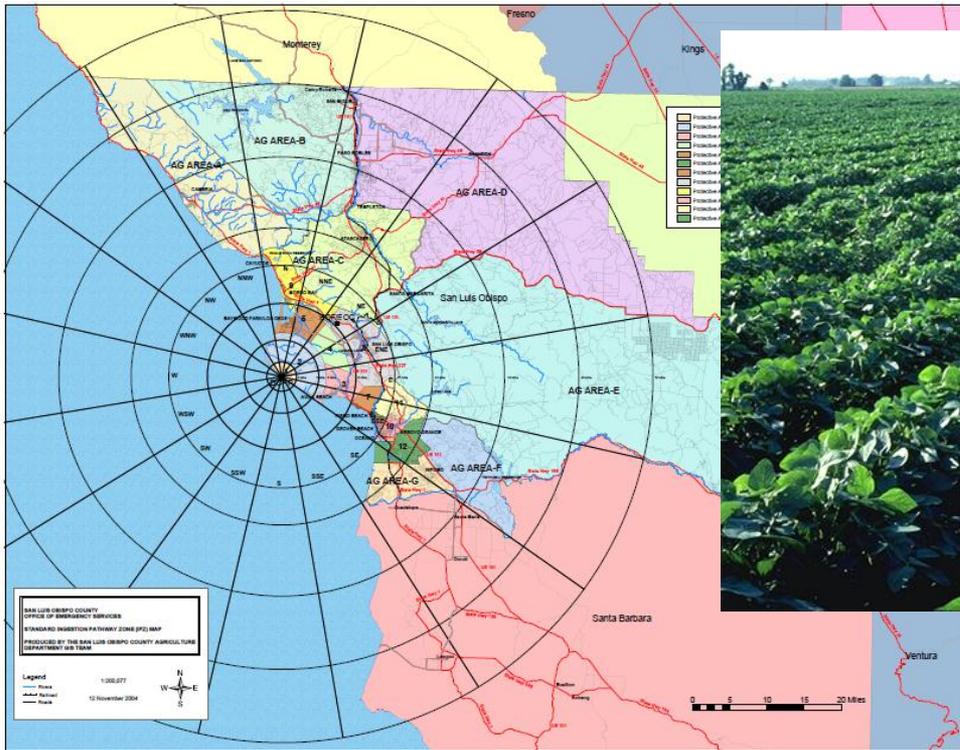
Capabilities

- Plans and agreements in place for school relocation centers.
- Schools may relocate children to these centers before protective actions are recommended.
- Parents can reunite with their children at these centers.



# School Relocation Sites

Capabilities



Read and Save This Booklet

## Nuclear Power Plant Emergency Information

**For Farmers, Ranchers, Nursery  
Stock Producers, Food Processors,  
and Distributors**

*Facts and Instructions You Should Know in  
Case of an Emergency at the  
Diablo Canyon Power Plant*





2005-2006

Prepared By the  
California Department of Health Services,  
Santa Barbara and San Luis Obispo  
County Departments of Agriculture.

# Agricultural Information

Public Information

List of self-registered independent living special needs individuals who may need assistance evacuating.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	UPDATE	Last Name	Street #	Street Name	Unit	City	State	Mail Zip	Home Phone	Disability	PAZ/PZC #					
001	0210-04	WOMMA	1241	PARROUL AVE	#45	ARRIYO GRANDE	CA	95430	(805) 481-6542	HAS TREMORS	10					
002	0210-04	WILLIAM	5850	LOS OSGOS VALLEY RD		SAN LUIS OBISPO	CA	95405	(805) 544-5345	UNABLE TO WALK, WHEELCHAIR BOUND, HIP JOINT REPLACEMENT DEAF-COUBLE BY PHONE ONLY	7					
003	0210-04	JARSLIN	956	CARAMEL		MORRIS BAY	CA	95442	(805) 772-5377	UNABLE TO WALK UNASSISTED, HEART PROBLEMS, MEDICATIONS	5					
004	0210-04	WRAKE	717	LUKE DR		LOS OSGOS	CA	95402	(805) 554-1124	SEVERE ARTHRITIS, NOT ABLE TO WALK FAR OR CLIMB STAIRS, CELL: 703-915-8716	5					
005	0210-11	JOYELLA	3185	JOHNSON AVE		SAN LUIS OBISPO	CA	95401	(805) 344-3370	MS, VERY WEAK, DIFFICULTY WALKING, HAS WALKER	8					
006	0210-04	GENEVIEVE	551	S. ELM ST		ARRIYO GRANDE	CA	95430	(805) 489-0271 (TDD)	DEAF, LIVES ALONE	8					
007	0210-04	JEAN	182	BRISCO RD	HA	ARRIYO GRANDE	CA	95430	(805) 474-9785	TRIED TO DRIVE 24/7, LESS STROKEN AND SORE, HAS A HARD TIME REMEMBERING OR RESPONDING TO QUESTIONS, WALKER WHEN	10					
008	0210-04	ROBERTA	812	JESSICA PL		NIPOHA										
009	0210-04	SILMA	275	QUAL SUMMIT		PAZO B										
010	0210-04	ROBERT	275	QUAL SUMMIT		PAZO B										
011	0210-04	GANDRA	256	SUNRISE TERRACE		ARRIYO										
012	0210-04	FRED	255	SUNRISE TERRACE		ARRIYO										
013	0210-04	MICHAEL	454	LINCOLN BLVD		ARRIYO										
014						PAZO B										
015						MORRIS										
016						GROVE										
017						PAZO B										
018						OCEANO										

### Preparing for Disaster for People with Disabilities and other Special Needs



### Special Needs Request Card

If you are hearing impaired or have a disability that would require special assistance leaving your residence if evacuation is directed, please fill out and return this card now. No stamp is needed unless you choose to mail the card in an envelope for privacy reasons.

**TO REMAIN ON THE LIST, YOU MUST RETURN THIS CARD EACH YEAR.**

Name \_\_\_\_\_

Residence Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Telephone \_\_\_\_\_

Telephone Device for the Deaf (TDD) number (if applicable) \_\_\_\_\_

Protective Action Zone (refer to Emergency Planning Zones Map in this Brochure)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- \_\_\_ Please remove me from the list because:
  - \_\_\_ I no longer need special assistance
  - \_\_\_ I have made other arrangements for evacuation assistance

# Special Needs List

Public Information

# Be prepared

- Know what to do in an emergency;
- Have personal emergency kits;
- Remember the basics: water, battery powered radios, flashlights, first aid kits ...
- Have a family emergency plan ...  
where will you meet,  
what about pets ...

## How to get more information ... including preapredness information

- American Red Cross, San Luis Obispo
- San Luis Obispo County OES
- Cal Fire/SLO County Fire Web Site
- Reverse 9-1-1 for San Luis Obispo County
- All three of the above are linked on the County OES site at **slocountyoes.com**
- Or call OES at 781-5011
  
- FEMA's Ready.gov Web Site has good preparedness information