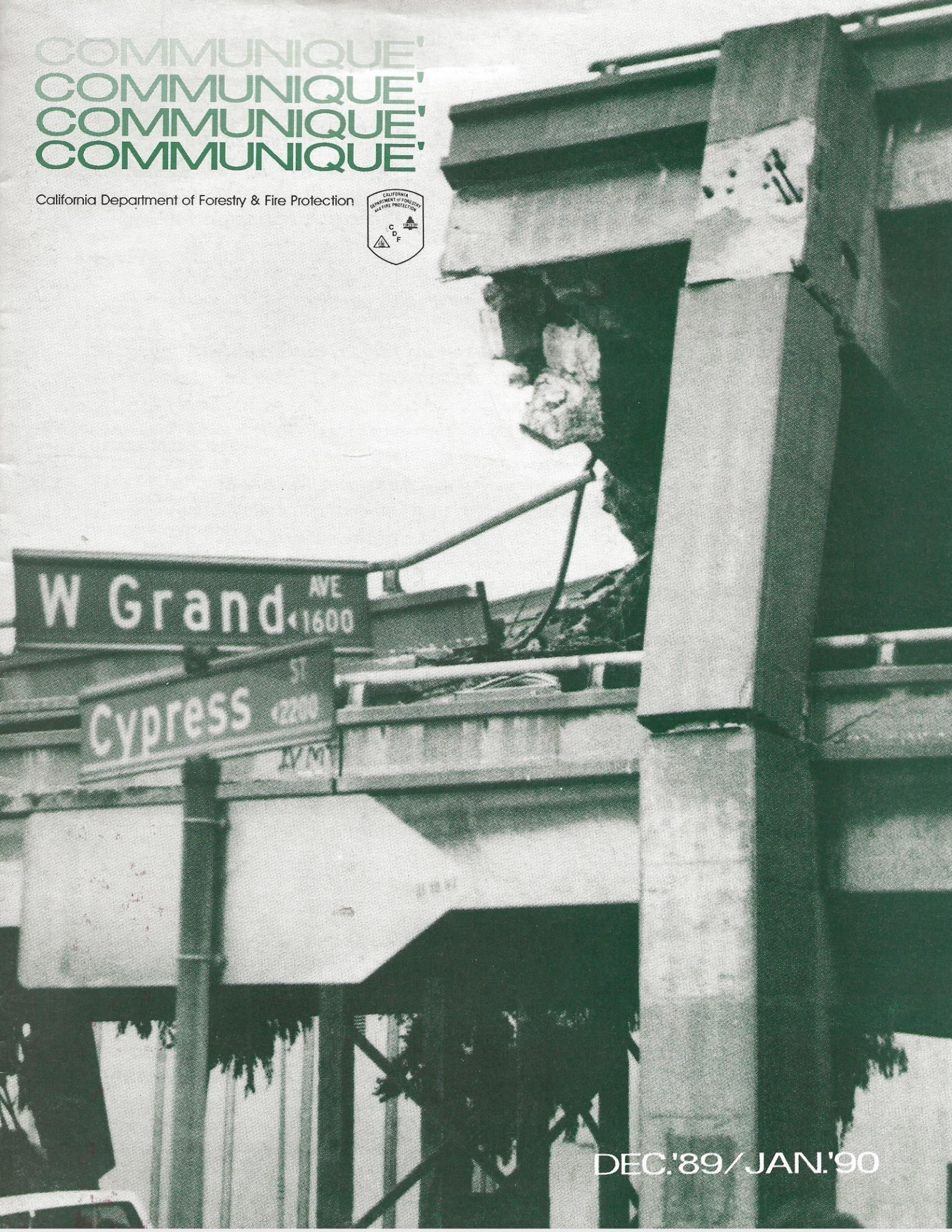


COMMUNIQUE' COMMUNIQUE' COMMUNIQUE' COMMUNIQUE'

California Department of Forestry & Fire Protection



DEC.'89/JAN.'90

During the month of October, California faced one of its worst tragedies ever, and one of the biggest challenges for the state's emergency services system. As usual, CDF rose to the occasion and did an outstanding job under difficult circumstances.

As Director of this fine organization, I'm as proud as I can be of all of you. As always you have served your department well.

During the earthquake, I, like many of you, had moments when I wanted to saturate the state and nation with news releases and information about CDF's role, and our people who worked tirelessly to help and save other people's lives and property.

CDF is a first class emergency organization. We are also a team player. We respond as part of the Governor's emergency management team when we are needed. In the case of fires, we lead the team - and quite effectively I might add. However, in this case, with the earthquake, the Office of Emergency Services assumed the lead position and we acted in a support role as an integral part of the team. It is for that reason that I felt it was important to maintain a low profile where the press was concerned during this incident, and I appreciate your cooperation and understanding in this regard.

This Communique' is our chance to focus on what we did and how we did it. These pages are filled with stories and pictures of heroes, CDF heroes. Thank you all for the long hours of hard work and dedication. As I've said so often before, I'm proud to be your Director.

*Dick Ernest
Director*

On Thursday, November 30, 1989, Dick Ernest had an apparent heart attack at his home in Rocklin, California, and passed away. A tribute to Director Ernest will be forthcoming in the January 1990 Special Edition Communique'.

Quake '89

Loma Prieta Quake

Date:
OCTOBER 17, 1989

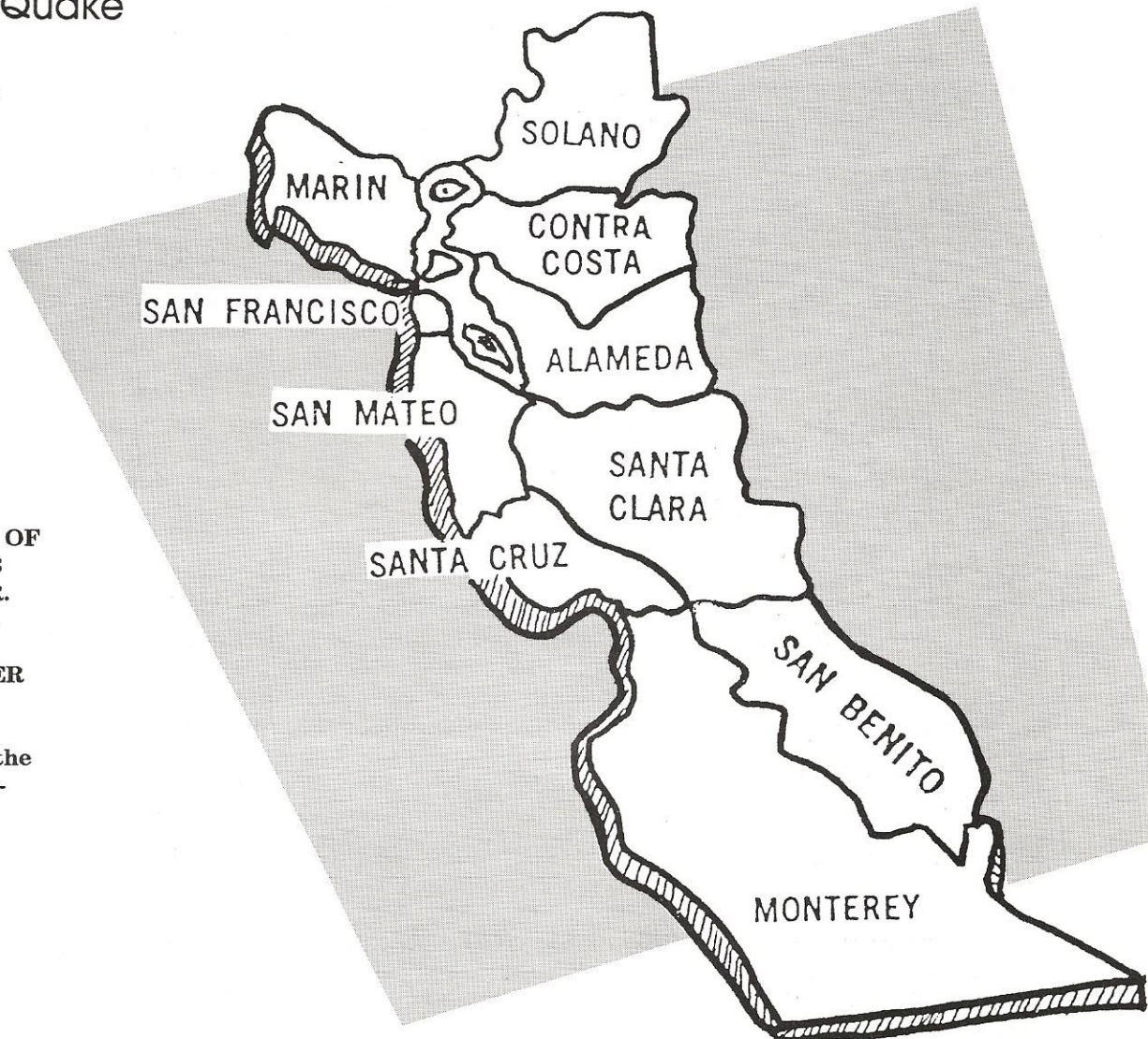
Time:
5:05 p.m.

Magnitude:
7.1

Epicenter:
LOMA PRIETA
MOUNTAIN - 10
MILES NNE OF
SANTA CRUZ

Aftershocks:
MORE THAN 5,000
OF ALL SIZES. 91 OF
3.0 OR LARGER- 23
OF 4.0 OR LARGER.
THE LAST AFTER-
SHOCK OCCUR-
RED ON NOVEMBER
25 AND WAS 3.0.

(Facts provided by the
U.S. Geological Sur-
vey)



DAMAGE :
\$ 5.6 billion

COUNTY	DEATHS	INJURIES	HOMES DAMAGED	HOMES DESTROYED
Alameda	42	481	2,763	17
Contra Costa	0	22	485	0
Marin	0	0	24	2
Monterey	1	14	290	17
San Benito	0	110	174	62
San Francisco	13	700	382	11
San Mateo	0	451	782	1
Santa Clara	1	1,305	5,124	131
Santa Cruz	5	671	12,422	726
Solano	0	3	1	0
TOTALS	62	3,757	22,447	967

* Of 922
CDF-man-
aged en-
gines state-
wide,
nearly one
in nine
were com-
mitted to
the Quake
areas.

(Figures provided by OES on December 11, 1989.)

CDF's Fire Protection Mission and the Bay Area Earthquake Disaster

The California Department of Forestry and Fire Protection (CDF) is primarily a wildland fire control agency. During fire-related incidents, CDF provides fire fighting attack resources and logistical support through both in-house resources and major cooperators such as the U.S. Forest Service.

CDF has an increasingly greater role in major state disasters. We serve as area and regional coordinators for the Office of Emergency Services Fire and Rescue Mutual Aid System. CDF's Region I office in Santa Rosa is the OES Coordinator for the Bay Area (OES Region II). All fire resources that moved through the Mutual Aid System were handled by CDF following the Quake.

CDF manages non-fire emergencies, using the same Incident Command System (ICS) used on fires. Major Incident Management Teams were called up for this disaster, drawing from both CDF and USFS personnel according to their ICS capabilities.

Immediately following the Quake, CDF's aggressive initial attack system mobilized. They responded to the following types of incidents :

- Vegetation fires
- Structure fires
- Medical aids
- Natural and Propane gas leaks
- Power lines down
- Gasoline spills
- Traffic collisions
- Just about anything else you can imagine

CDF not only played a major role in fire and rescue, but also in the logistics and coordination of the many resources involved with the disaster.

At the height of activity CDF had the following resources committed:

- 153 Engines
- 17 Fire Crews
- 5 Helicopters
- 4 Bulldozers
- 6 Field Kitchens
- 310 Overhead Personnel

Total: 1,100 CDF Personnel

300 California Department of Corrections (CDC) and California Youth Authority (CYA) inmates and wards.

At some point during the Quake recovery each of the following CDF Administrative Units/Ranger Units/Camps were called upon to help:

Region I Headquarters
San Mateo-Santa Cruz
San Benito-Monterey

Santa Clara
Siskiyou
San Luis Obispo
Amador-El Dorado
CDF Fire Academy
Tulare
Washington Ridge YCC
Mendocino
Region II Hdqts
Region III Hdqts
Nevada-Yuba-Placer
Tehama-Glen
Fresno-Kings
Riverside
San Bernardino
Tuolumne-Calaveras
San Diego
Lake-Napa
Shasta-Trinity
Sacramento Headquarters
Ben Lomond YCC
Gabilan CC
Humboldt-Del Norte
Sonoma
Fenner CC

From Battalion Chief Steve Hubbard

When I was gathering information for this issue of the 'Communique', many of you wondered if a CDF-only story was just selfish horn blowing. Are we saying that all of the other departments couldn't do their jobs? Are we looking down our noses at them? NO WAY! From Hollister City to Boulder Creek, our fellow firefighters put it all on the line, side by side with us.

And how about Oakland's Class One Fire Department? Oakland firefighters worked in an unstable, two foot high coffin hole for 36 straight hours without rest and during multiple aftershocks. All of our CDF people on the scene said they would underline the word CLASS.

So why print this?.....Because CDF is larger than any other fire department in the nation. A firefighter in Hollister knows what his/her city department did. They lived it. They see each other every day and can talk about it. In Oakland, initial attack reports are as close as the crew from the last shift. It's not so easy for all of us.

CDF personnel are spread out over the entire state. By my count, over 400 permanent CDF employees assigned to the Quake were joined by 500 seasonals, volunteers, and inmates. Those 900 or so personnel know what happened, but the other 3,200 permanent employees and 2,500 volunteers have no access to firsthand reports.

(BC Steve Hubbard of the Rhonerville Air Attack Base was assigned the task of covering the Quake relief efforts of CDF. He travelled to the various sites gathering much of the information and photographs you will see in this issue of the 'Communique'. The staff of the 'Communique' commends him on a great job!!!)



*Pictures of the collapsed portion of the Bay Bridge were seen worldwide.
(Photo by Ed Andersen, Caltrans)*

Hitting home. . . .

Where were you at 5:04 p.m. on Tuesday, October 17, 1989? At work, at home, at the World Series, in your car, on a fireline? If you felt the 7.1 earthquake that rocked the Bay Area and Northern California, you won't ever forget.

Scientists have been talking about the "BIG ONE" for years. They say this wasn't it. Yet look at the devastation and death it caused.

Most of us can say we've crossed the Bay Bridge at some time in our lives, many of us on a regular basis. Many of us have driven the I-880 Cypress Structure going to an Oakland A's game, bypassing the traffic gridlock of San Francisco, driving home. The Marina District of the city is just blocks from Fisherman's Wharf, where over 13.2 million people visit each year. Highway 17 leads into Santa Cruz's beautiful beaches and the Boardwalk where many of us have vacationed. How many of you had these thoughts as you saw the footage of these familiar areas come up on your television screens, or read about them in the newspapers.

Whether you lived through it in one of the affected areas, worked in the effort that followed from 5:05 p.m. on through the following weeks, or watched it from the comfort of your living room, you had to feel something - fear, awe, despair, compassion, horror, sorrow.

Proof of just how deep those

feelings ran was evident just minutes after the Quake, as people from all over California, the country, and other nations, pulled together to provide whatever was needed. Money, food, clothing, shelter - the immediate needs were met. Rescue, medical, and emergency organizations quickly set about the grueling task of saving lives, retrieving bodies and surveying the damage.

Many of you donated what you could, whether it be time or money. And many of you simply did your jobs. Even though you lived in a quake damaged area, were worried about your family and friends, you carried on in true CDF fashion.

On the following pages you will see and read about the devastation of the I-880 collapse; the widespread destruction in Santa Cruz and the surrounding areas of the San Mateo-Santa Cruz Ranger Unit; and the damage that crews dealt with in the Hollister area of the San Benito-Monterey Ranger Unit.

While this Communique' is dedicated to the earthquake and CDF's role following it, there are many stories and thoughts out there that we haven't heard. If you have a special earthquake tale that you'd like to share with your fellow CDFers, we want to hear from you. In the coming months we'd like to print this information in the Communique'. Your stories are important, now, and years from now, when we look back on the Quake of '89.

Contact: Lisa Boyd, 1416 Ninth Street, Room 1516, Sacramento, CA 94244-2460, or (916) 445-9920.

.....pulling together

Many of the CDFers who were at work at 5:05 p.m. on October 17, lived in the areas hit hardest by the Quake. Eighteen CDF employees suffered large personal losses. In Aptos, Fire Captain Ed Pope's house suffered significant damage. Five others had severe structural damage. Twelve had plumbing, window and personal item damage. All San Mateo-Santa Cruz personnel living in the area suffered some sort of damage.

This news is bad, but it could have been much worse. There were no reports of CDF employees or their families being injured by the Quake directly, and only minor injuries were reported during the operations that followed.

But, even the little things hurt for a long time. A toppled BBQ chimney may be small potatoes in the big picture, but it represents many hours of effort. The effort to build it in the first place, the effort to clear the rubble and the effort to rebuild.

The California Department of Forestry and Fire Protection Employees Association (CDFEA), in a joint effort with the San Mateo-Santa Cruz Ranger Unit, has been contributing to the effort to rebuild. CDFEA President Ron Bywater has established a CDFEA Earthquake Relief Fund. By early December, over \$11,000 had been collected from CDFers, both current and retired.

Other relief in the form of materials and labor to repair homes have also been contributed. Dan Turner, operations officer, San Mateo-Santa Cruz, said that quake relief will be provided to all CDFers and county fire employees in the area.

All employees living in the area have been surveyed for damage and repair work has begun. Weather-proof roofs have been installed, house foundations have been stabilized and financial and stress counseling has been provided.

It is a big job, but CDFers have always been known for pulling together in times of need. If you'd like to make a donation to the CDFEA Earthquake Relief Fund contact the CDFEA Office at 924 Enterprise Drive, Sacramento, CA 95825, (916) 641-2096.

City of Oakland - Cypress Incident

The major incident in the city of Oakland was the collapse of almost a mile of the Interstate-880 freeway. CDF and the USFS joined together in providing a Major Incident Management Team to support the rescue operations of the Oakland Fire Department and the other agencies involved at the site.

The team worked well in this situation and the rescue of a survivor buried for 86 hours, (Buck Helm, who died 28 days later of respiratory failure), was the most significant single event in achieving a unified command situation with agencies that had never used the Incident Command System (ICS). This incident reverified the validity of the ICS by emergency response organizations.



Photo by Janice Redmond, Caltrans.

Andrew Stark, Assistant Chief of Fire Operations, City of Oakland Fire Department, October 21, 1989:

"You wanted to know how we evolved to this point? It started on Tuesday night, a little after 5:00, and we brought in about 200 people and got the initial searches done. We did a primary and a secondary, and then we did a third search and identified survivable areas.

By Wednesday morning the dog teams arrived, and we did a search with the dog teams in the survival areas. At this point, we realized we were looking at a long-term situation, and we were fortunate that OES arrived on Wednesday morning. OES gave us a lot of good advice on how to proceed and recommended that we bring CDF in

and it has worked out well. We're attaching our people to your people so they can learn ICS specifics.

Ironically, a conscious decision was made about two weeks ago that we were going to go to ICS at the first of the year. This is going to be a good learning experience for us here, and we're really grateful to have somebody come in and set it up.

There was a lot of frustration initially, just because of the nature of the incident. The nature of the thing is hurry up and wait. It's such a tedious

(Cont. on next page)



(Cont. from page 6)

process. A given car can take over four hours.

The problem we had is that our command staff, our assistant chiefs and battalion chiefs, were all involved at the same time. Everybody had been here the entire time and everybody was running out of gas at the same time. So CDF's arrival and timing was perfect. We've still got pressure though. Our workload in the rest of the city hasn't decreased any. In fact, it's hard to imagine it looking at the rain today, but we had a pretty good grass fire going yesterday.

At this point now, we're probably the most well-managed unit here. Because the police department has the overall command, I was a little concerned that they might assume that we were coming in to try and take over, but



Working together: CDF Incident Commander Gene Starks and Oakland Fire Department Assistant Chief Andrew Stark (no misprint).

it has worked very well. Your people and they're looking for just as much have interfaced really well with them input as you're willing to give."

The following was taken from a briefing given by Incident Commander Gene Starks (State Forest Ranger II, Humboldt-Del Norte Ranger Unit) to new ICS team members, October 21, 1989:

"Our mission here is kind of an unusual one, and it's one that I feel we can be proud of. The real problem is out here along the highway. It is a major freeway collapse. A double-decker freeway where now the top deck is also part of the lower deck. As to what normally happens at 5:00 in the afternoon: there's a lot of cars on there.

What had happened was, the local folks here, the Oakland Fire Department, Oakland Police Department, Caltrans and CHP responded along with many other people. They attempted to take on the very massive project of trying to free up an unknown amount of automobiles that were anywhere from one inch thick to maybe half height, and obviously there's folks in there. So the mission was: number 1, jump in there and extricate any living person and then try to extricate all of the fatalities. The magnitude of the problem, with all those agencies responding, was huge.

After about three days of that, working 24, 36 and 48-hour shifts, some very traumatic work as you can imagine, the fire department, Caltrans, and all these folks were tired. That's where we came in, officially as an OES Management Team. We got in here last night, and we had an initial team briefing around midnight.

The obligation is to dismantle that structure and get those cars out of there. After the cars are located, Caltrans, with all of their heavy equipment and contractors, jump up on the upper deck; cut a hole over the top of where these individual cars are; hammer out the concrete; remove that; get in there with cutting torches and take the rebar out; and finally take a big chunk of concrete out of there with cranes. At that point, the Coroner's Office jumps down in the hole. They document where the victim is; try to identify them; and gather personal belongings. Then they get out of the hole and the Highway

Patrol jumps in. They document it as an accident and arrange to have it towed. Then they get out of the hole and the Fire Department jumps in. If they can extricate the victim in place, they do that. If not, they lift the car out of that hole, set it on the ground and then extricate the victim.

After they had been doing that for about three or four days, they were really beat up. They were tired, there's no getting around that. When we got here last night, they were very happy to see us, and I take that as a great compliment, but then again, they were so tired they might have welcomed anybody. We immediately moved in and started to get things set up. We got all of our resources ordered to make this whole thing happen because it was predicted that we were going to be here seven days.

We have had an outstanding working relationship with the City of

(Cont. on next page)

(Cont. from page 7)

Oakland Fire Department. And through these meetings with all of those other agencies, we have been able to preach the IC System a little bit. Some of those people are now saying that maybe this isn't such a bad deal.

"I have convinced them you can't stay out here for seven days eating snacks off of the Salvation Army wagon, Red Cross and the Burger King Chuck Wagon, even though they have some dynamite stuff over there. Bless their

hearts, they really turned out and did an outstanding job, but we are going to attempt to provide them with two full meals a day and a place to sit down and enjoy it."

NAME	DONATIONS SERVICE/ITEM
Caulfield's Office Product	- Office Equipment & Supplies
Laird's Stationary	- Office Equipment & Supplies
Sears	- 9 Tents, 9 Heaters
G.M.Z. Trucking	- Staff donation, 2 trucks
Salvation Army	- Food donation, 1 bicycle
Comm Air	- Office Equipment/food/Staff
City of Oakland	- Office Equipment & Supplies
Kapo Depe	- Office Equipment & Supplies
Pleasant Parties Catering	- Staff Coordination & Services
Joyce Goring	
Antech Mechanical Services	- Office equip/food/Staff

The Salvation Army did a GREAT job before CDF arrived.

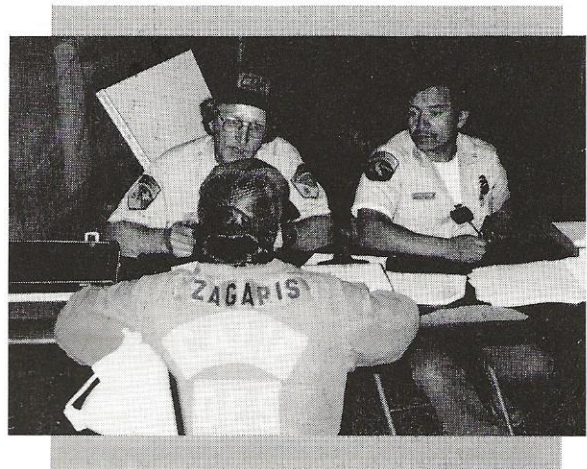


CDF provided two hot meals a day and a place to sit for weary crews.





State Forest Ranger II Fred Imhoff, State Forest Ranger II Vern Charlton, and State Forest Ranger I Del Hoppis, Jr. know their "logistics".



Fire Captains Pete Lehr and Rick Espino dispense some information.

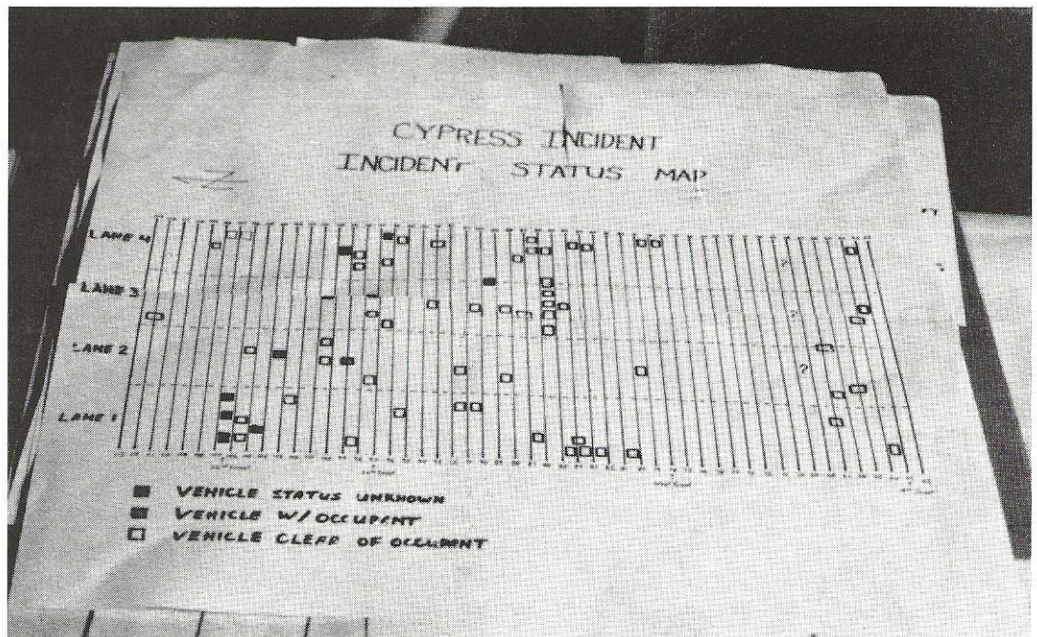


Deputy Planning Chief Fred Jansen (State Forest Ranger II, Siskiyou Ranger Unit), October 21, 1989:

"Safety isn't just for our folks, but all the agencies. So what was said in the safety plan goes, only essential personnel. We're moving into areas on that deck not as secure as where we've been working. Let's limit the number up there. Frankly, you're not going to get 50 people off that deck with two ladders and two lifts in 15 seconds. So you people that are up there working, if it does shake or slide a little, you're just going to be there and go for a ride."



SFR II Fred Jansen.



Status maps showing the locations of vehicles and victims were continuously updated as crews worked their way through the I-880 site.

*"I was in the command briefing tent to hear the first report that movement was spotted at the east side of pillar 100. It was Buck Helm's car. Units were dispatched to rescue him - ALIVE. Wow!" BC Steve Hubbard.

*The view from up top.
Photo by Fire Captain James Rust, San Mateo-Santa Cruz Ranger Unit.*

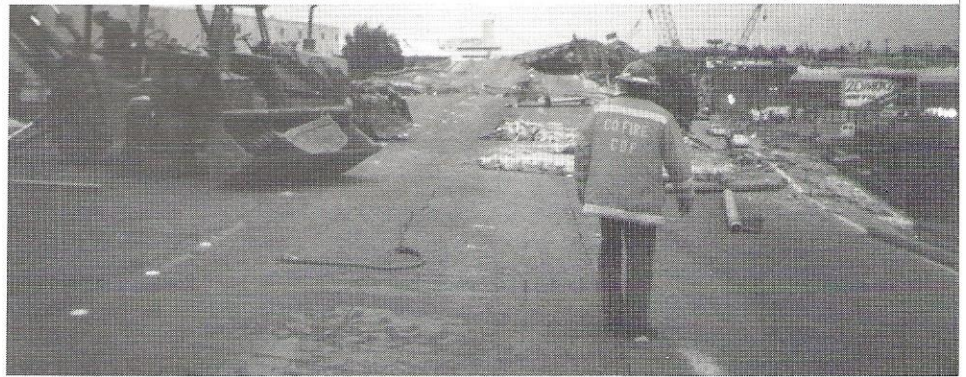


Photo by Janice Redmond, Caltrans.



Photo by Fire Captain James Rust.



Photo by Janice Redmond, Caltrans.



The night shift.

San Mateo-Santa Cruz Ranger Unit

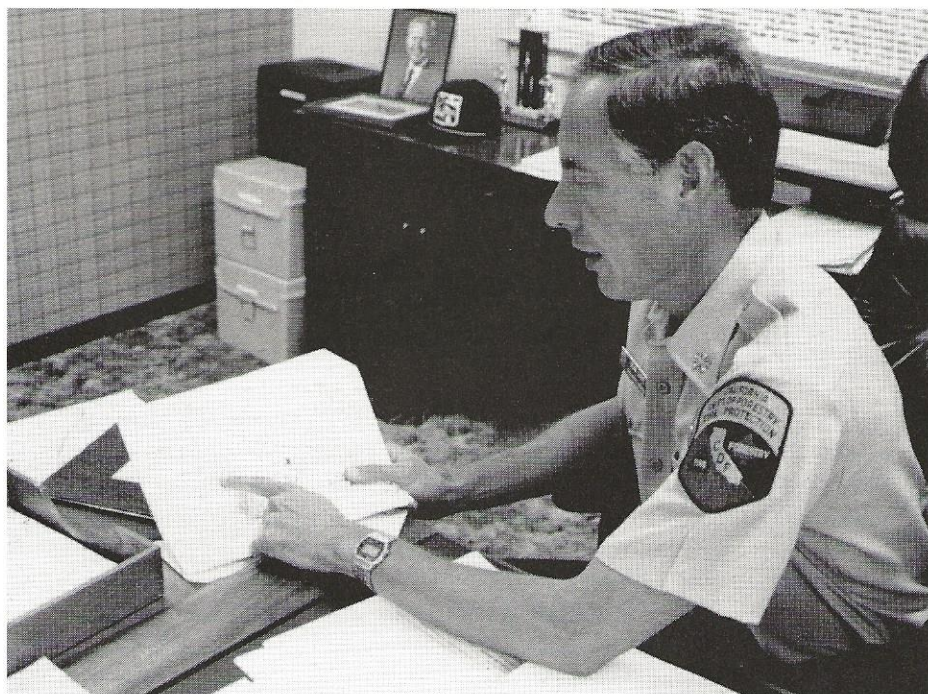
Local and statewide CDF resources were heavily committed to supporting local government agencies throughout both counties.

CDF provided fire, rescue and other public service activities in coordination with OES. ICS Incident Bases were established at C.T. English School, Corralitos, and CDF's Felton Headquarters.

Total CDF commitment in San Mateo-Santa Cruz:

- 45 engines
- 2 Incident Management Teams
- 2 bulldozers
- 5 fire crews
- 1 kitchen crew

TOTAL: 500 personnel



Ranger Unit Chief Dean Lucke explains part of his three branch, 15 division, 22 page Initial Attack Paper (IAP).

The following was taken from briefings by San Mateo-Santa Cruz Ranger Unit Chief Dean Lucke, October 21, 1989:

"We set up a joint command system with the county since we are the area fire coordinator for them. You will notice that within this system, CDF doesn't appear in the lead role. This is by design. The county is the lead agency in this emergency because it's an earthquake disaster, not a fire disaster. In our role, we're similar to a county department head; so we serve the county's need in whatever kind of support they want, such as emergency vehicles or hand crews.

Our first objective was to survey every single road and address, to find out what was happening to the people out there in order to provide for life safety. All of that information was then transmitted to the county. The county has a disaster team in combination with the Office of Emergency Services. They put together the logistic support for such things as bringing in potable water, food and other necessities.

A secondary objective was to work on the fire problems, including wildland fires. When the quake happened, we had a lot of gas pipes that were severed. We also had quite a few fires start when powerlines and transformers came down. Our main objective was to keep those fires small so they wouldn't spread toward other houses.

to get every one of our personnel that live in damage areas off post. We told them to go home and take care of their own. We're trying to put them off for 24 to 48 hours. We brought in other strike team personnel and any other overhead that we had here to substitute for them.

What a job they did given their personal situations!!"

Today, Saturday, we are trying



* New San Mateo-Santa Cruz Ranger Unit Chief Dean Lucke officially reported to duty on Monday. The Quake hit Tuesday. Welcome Aboard!

Where were you when it hit?

(Taken from The Scull, the Santa Clara Ranger Unit Newsletter)

by FAE Dale McGill

I was returning from a fire at Saratoga Gap and almost to Highway 17 on Black Road when suddenly I thought we had broken or lost a wheel. In my attempt to bring 14 tons to rest, I realized what was happening and discovered that it was going to be no easy task. Being one-half mile from the fault and two miles from the epicenter, Firefighter Margiott and I thought we were going to end up on our side. Finally the shaking subsided, and we continued on after checking on the firefighters on the back.

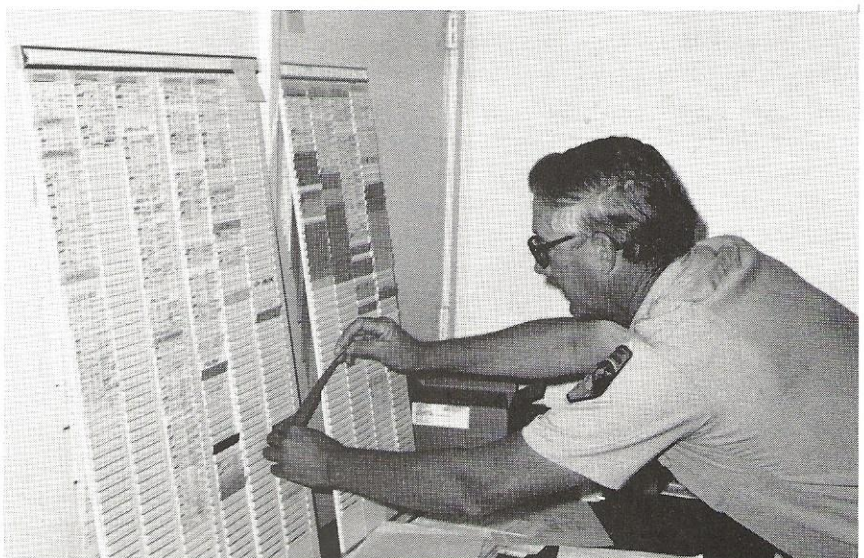
As we continued down Black Road, numerous landslides and dust clouds could be seen in the Lexington Basin. As we approached Highway 17, we could see that in fact we had been hit by the big one as the pavement was buckled up 1 1/2 feet, rockslides at and near the Cats nearly closed the southbound lanes, large chunks were missing from the cement center divider, and parts of the road were slipping downhill.

Instead of returning to the station, we started laying flare patterns around the obstacles and directed traffic until the Highway Patrol arrived. In the mean time, I had reports of six to eight emergencies ranging from a fully-involved motorhome, unknown emergency medical requests, drive up EMS, propane tanks over and leaking, houses completely off the foundation, and helitack reporting a wildfire. Before long we could see four columns of smoke coming up. Fire Captain Bob Lee told me of working fires off my 6, 8, 10 and 12 o'clock. At this point things were totally out of my span of control.

For the next four hours we were on our own and I found it comforting to have the crew that I did, at the time, as it was one of the best I could hope for.



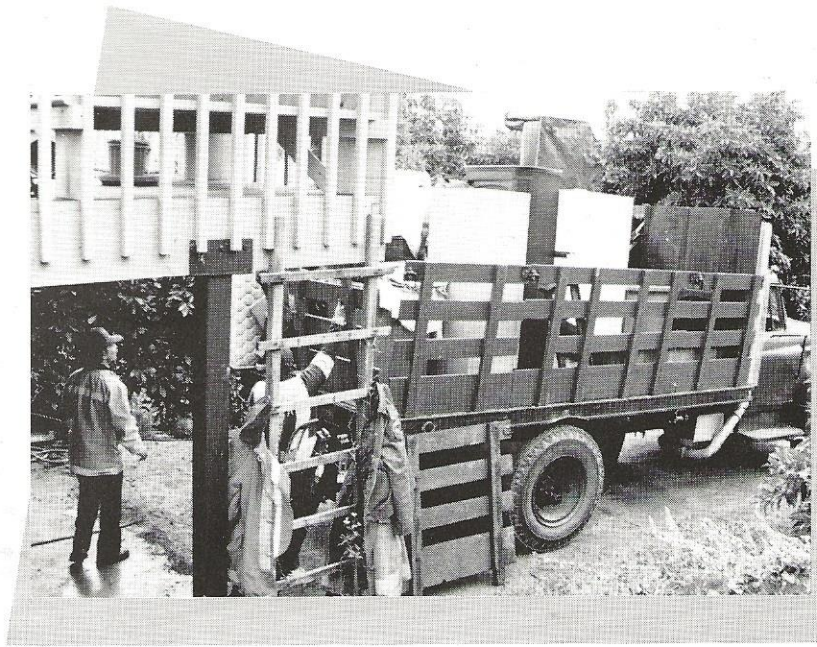
Firefighter I Jake Jacobsen and Fire Captain Dennis McGuire staffed the Santa Cruz County EOC.



Forester II Dave Drennan, RESTAT.



Look past Fire Apparatus Engineer Carla Halford's right hand to see why she had power.

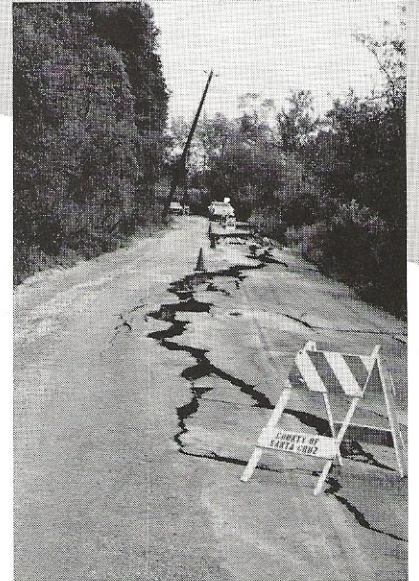


CDF assisted in evacuating this home on 198 Raptor Road as the house itself was in the process of slowly changing its own address.

The morning after the Quake, Fire Captain Bob Mathews from the San Diego Ranger Unit performs damage assessment on Eureka Canyon Road. (Photo by Ken Thomas)



Part of State Forest Ranger I Bob Beckers Region II team takes a break at the C.T. English Middle School on Summit Drive.



Access was rough in many areas.



* CDF was the first government presence in most areas after the Quake.

Building inspectors left the fate of most buildings tacked to the structures in the form of signs like this. This one on Summit Drive was red - "completely destroyed".



At least there were no injuries.



Gary Patton, chairperson, Santa Cruz County Board of Supervisors,
October 21, 1989:

"We've had previous disasters in the county, and this time we really do feel things have worked much, much better. We have learned, and we have trained, and we have revised our manuals, and we have built up the kind of interpersonal contacts that I think really have been of assistance when the real crises came; and CDF clearly has been a part of that.

Briefings have been taking place every two to three hours in the early time of the earthquake, and CDF has played a key role in the process. They have made their helicopters available, they have made their radio communications available, and they've made their personnel available.

I have been a close observer and I just want to say that we are delighted with all of the cooperation. CDF brought in their regular statewide system as well as helping us here with the local emergency response on the earthquake. I just have to say the response has been terrific."



One "BIG" crack on Summit Drive.

* The cost of the Santa Cruz incident operations was \$600,000 per day.

GEOLOGIC HAZARD

- Villa Del Monte - invest
- Rabosa Dr., Ben Loma
- Nina Drive, Ben Loma
- Bean Creek Road
- Coastal Bluffs
- Shore Ridge Dr., Boulder Creek - evacuation occurring 3pm today
- La Mesa Dr., Felton
- Felton Grove, Felton
- Redwood Lodge Rd, Summit
- Schullies Rd, summit
- LANDSLIDE INTO Sequest Ch. Near Olive Springs Old 1981 slide no immediate danger

SANTA CRUZ COUNTY OPERATIONAL AREA DAMAGE SUMMARY

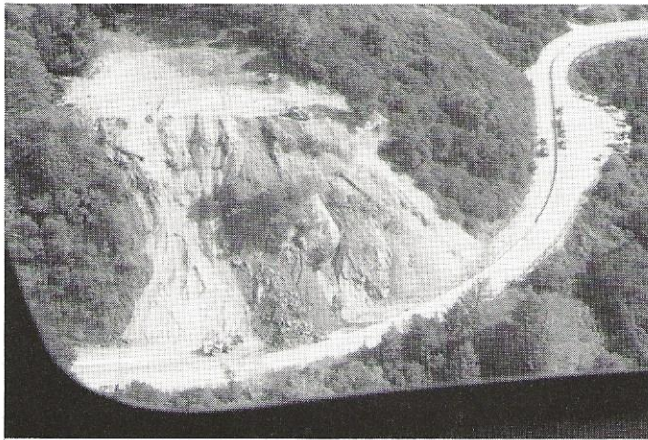
PRIVATE SECTOR DAMAGE (Continued with Page 1)	
NUMBER OF DEAD	2282,750
NUMBERS DAMAGED 355	20,000,000
BUSINESSES DAMAGED 110	5,000,000
RAILROADS	0
PRIVATE HOSPITALS	0
PRIVATE SCHOOLS	0
PRIVATE UTILITIES	0
TOTAL PRIVATE DAMAGE \$100,000,000	
PUBLIC SECTOR DAMAGE	
ROADS CLOSED	1,000,000
ROAD SYSTEMS DAMAGED	225,000
WATER CONTROL FACILITIES	1,000,000
PUBLIC BUILDINGS + RELATED EQUIPMENT	1,000,000
PUBLIC UTILITIES	1,000,000
PRIVATE NON PROFIT FACILITIES	1,000,000
SCHOOLS	1,000,000
TOTAL PUBLIC DAMAGE \$4,250,000	

* A spring in the vicinity of the Saratoga Summit Station that had been clear and cold for years, has turned to hot water.

355 homes damaged: Serious statistics.



Helicopter Pilot Fred Nunes and crew from Alma Helitack were able to give us access to "the view from above", resulting in the following photos. (Photos on pages 17-20 by the CDF Public Affairs Office staff.)

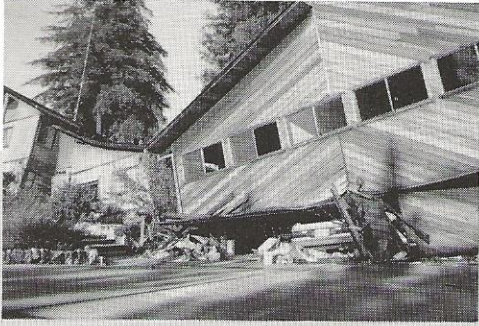


One of the slides that closed Highway 17.



Homes on the mountain tops surrounding Santa Cruz were hit especially hard.

*From the time of the Quake until 2300 hours, Alma Helitack made 11 ridgetop rescues and doused a structure fire.



FOR RENT???



When you see these huge homes laying in pieces you realize just how violent the Quake was. These photos were taken on Rebecca Drive above Felton.

Santa Cruz



Many homes in Santa Cruz were damaged.

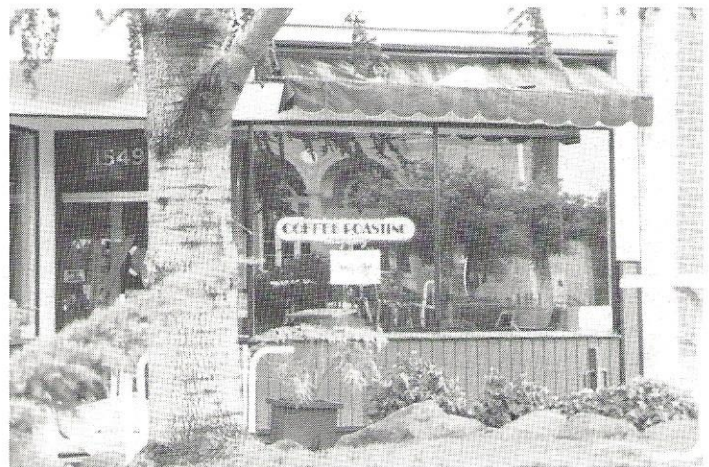


The Quake caused a fire here - all that's left is the front steps.



* October 21st report:
749 homes destroyed and
10,000 people displaced at
least temporarily.

*The Pacific Garden Mall in
Santa Cruz looked more like a film set
from a disaster movie than a shopping
mall. What would usually be a
bustling place of business was deadly
quiet and void of people. Today much
of the mall has been torn down.*



*There were two deaths at the Santa Cruz Coffee
Roasting Company. Standing on this side the building
looked intact, but the brick back wall of the shop had
caved in.*



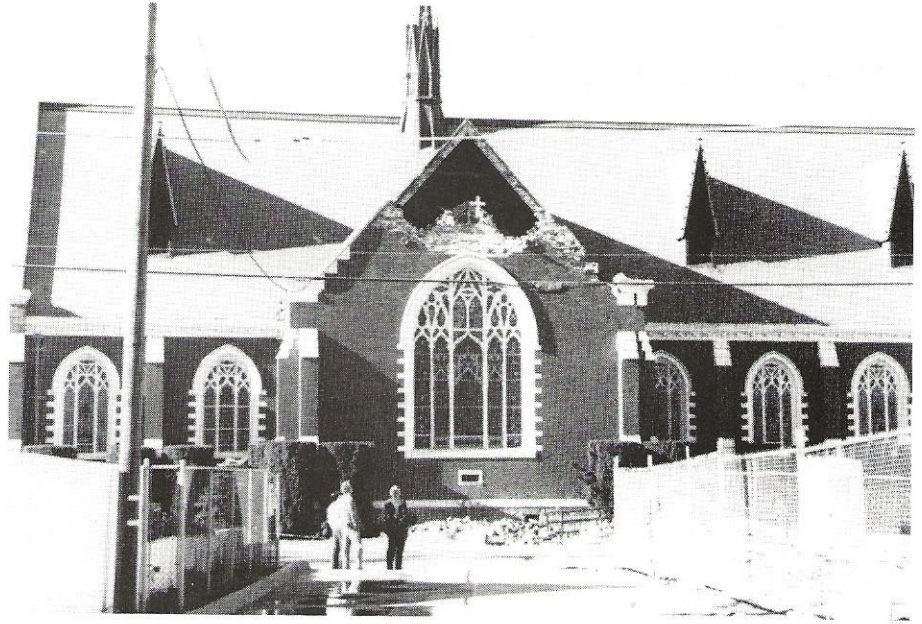
Watsonville

- CDF provided two strike teams of engines and other personnel to handle special problems in the Watsonville area.

- A kitchen crew was set up at the city fire station to feed hardworking city crews.

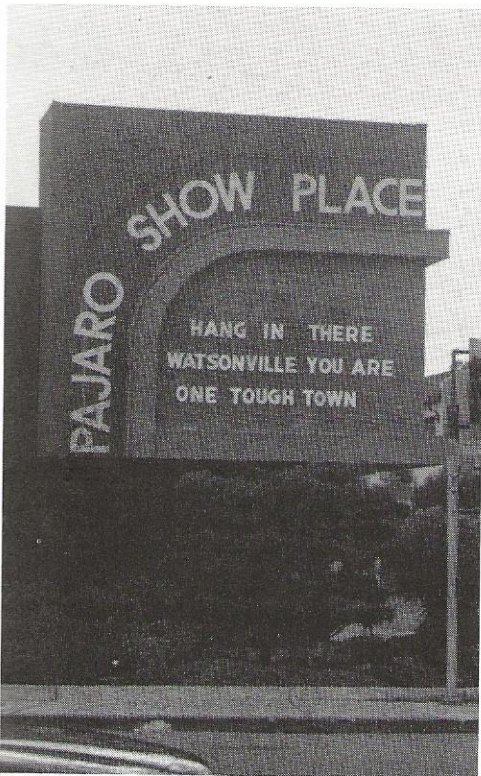
- Four bilingual CDF employees worked within the city providing interpretation assistance.

- CDF helped with the logistics of storing, moving, and distributing food, clothing, building materials and other supplies.



St. Patrick's Catholic Church was damaged, but they are going to try to save it.

* Six kitchen crews fed all comers at 350 meals a day, not including the major Watsonville Area Red Cross Camp that CDF took over feeding on an OES order. That was a first.



Crews from the Gabilan Conservation Camp and the Ben Lomond Youth Conservation Camp were sent to Watsonville to organize and start distribution of warehouses filled with donated goods for needy earthquake victims.



Tent cities could be found throughout Watsonville.

San Benito-Monterey Ranger Unit

CDF provided mutual aid to the city of Hollister:

- 10 engines
- 2 fire crews
- 1 kitchen crew

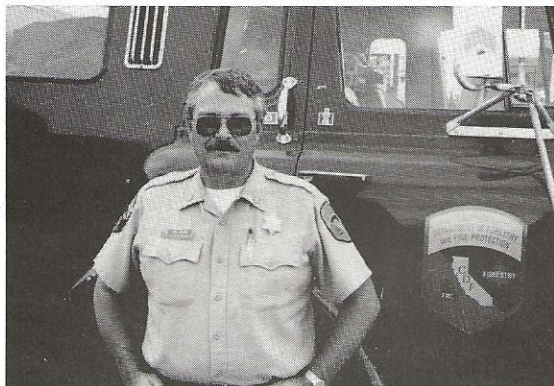
- 81 total personnel

CDF also set up a major staging area in Gilroy to quickly assign resources to the most needed areas. Over 400 CDF personnel were assigned to incidents from this staging area.

crews from the Gabilan Conservation Camp, along with overhead.

On the Monterey County side, the CDF involvement was in the area of their Emergency Operations Center operations, and we furnished two kitchen crews and overhead to the Red Cross

Paharo camp. I don't believe that has ever happened before with Red Cross. When the chips are down, and you want something done, you call CDF. We can take care of anything. I'm extremely proud of that."



Ranger Unit Chief Bob Taylor says CDF can handle anything and he's proud of that.

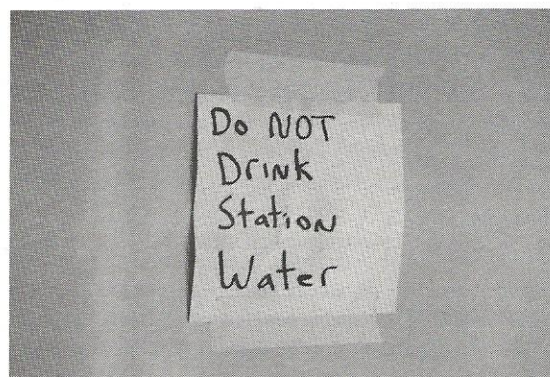
The following briefing was given by San Benito-Monterey Ranger Unit Chief Bob Taylor on October 22, 1989 :

"The city of Hollister and the surrounding unincorporated areas were hit fairly hard, along with some damage in northern Monterey County.

The San Benito County Office of Emergency Services Fire and Rescue Area Coordinator is Jerry Pingree, who is the battalion chief at our Hollister Station. So when the earthquake hit, he took over as the OES Fire and Rescue Area Coordinator and did his job in the OES role.

On the other side of the ranger unit, in the Monterey County area, I am the OES Fire and Rescue Area Coordinator, and we started working with the Monterey County people as well. Basically, the two organizations have worked parallel on their own operations. The San Benito County-Hollister area was hit far worse than the northern Monterey County area. Most of the effort has gone there.

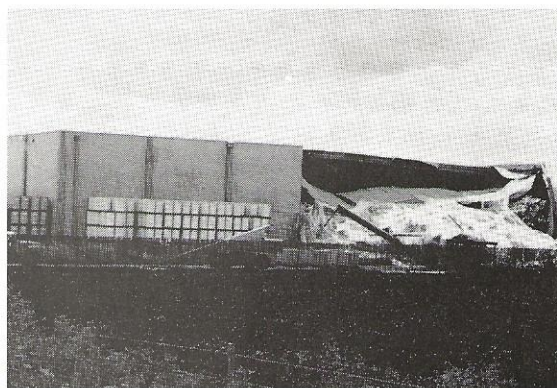
In San Benito County, the CDF involvement was two strike teams of engines, plus a kitchen crew and hand



This is what his troops saw in Hollister.



CDF helped out with commercial buildings like this one at Highway 156 and Wright Road.



Battalion Chief Kim Pennington, San Benito-Monterey Ranger Unit. October 22, 1989:

"We ran two engines per taskforce. San Luis Obispo sent a strike team, and our own unit had a strike team, so we paired the San Luis and our units together so that each taskforce would know the geographic area. We ran it like a lightning series."

(Please note that Hollister was a light activity area compared to Santa Cruz. They only had 20 working-incidents per day for each taskforce.)

Battalion Chief Kim Pennington shows one of 12 senior citizen residences worked on by CDF crews following the Quake. Sixty seven homes were uninhabitable and 107 were knocked off their stands.



Vital VIPs

When the phone lines went down: The Sonoma VIP's

by Roy Pike, Region I Fire Prevention Program Manager

The Sonoma VIPs were activated at 8:15 p.m. on Tuesday, October 17, 1989, for the purpose of establishing communications using amateur radio. Normal CDF communications had been disrupted when the 7.1 quake hit the Bay Area.

An Emergency Communications Center (ECC) was quickly set up at CDF Region I Headquarters in Santa Rosa, which is also the Office of Emergency Services Region II Dispatch Center for fire and rescue.

An Amateur Radio Net on 441.650 was established between Santa Rosa and Morgan Hill and the flow of information from the affected areas began

to reach the ECC.

After the initial information came in, additional radio nets were established between the VIPs working at Region I Headquarters and the Santa Clara VIP Comm 1 Unit. This unit was dispatched to Hollister. For the first 13 hours, this unit was the only communications link from the San Benito Unit.

VIP hams remained on duty collecting and distributing vital information regarding the losses to life and property, routes of travel, and the rescue effort in the Hollister and Santa Cruz areas.

Eventually more than 130 hours were contributed by the VIPs in Region

I Headquarters alone, with a much greater amount being contributed in the various ranger units. Without this vital communications link, much needed logistical support could not have been provided to the people in San Benito County and elsewhere.

This Region I VIP unit from Sonoma County was managed by Battalion Chief Darrel Mead, from the Sonoma Ranger Unit. The unit's untiring, professional, and technically advanced efforts will be forever etched in the memory of those who benefited from their work.

Stand proud VIPs - You continue to exhibit exemplary skill.

Shasta-Trinity VIPs were there too

"Fire information" "er"" quake information, was sometimes the joke among VIPs helping out in Santa Cruz following the Quake. Five VIPs from the Shasta-Trinity Ranger Unit traveled to Santa Cruz to assist the county in disseminating information about the Quake.

Whatever the emergency the VIPs are prepared. Each year they are

put through an eight hour Information Specialist Training Course preparing them to support CDF or U.S. Forest Service personnel when needed. Little did the VIPs know that someday they would be involved in an incident such as this. "You always told us that some day we might be working an incident other than a fire, and that we might have to travel out of the region, but we never

really thought it would happen," was a typical VIP comment along with "it was so nice to be of help, and everyone treated us so nicely".

Would they do it again? Most definitely, YES. Anything that helps CDF!!!

The following letter was written to Director Ernest on October 30, 1989, by the Public Information Officer for the County of Santa Cruz:

Dear Mr. Ernest:

I am writing to express my appreciation for the excellent job done by the members of the Volunteers in Prevention program after the October 17, 1989 earthquake. As the Public Information Officer of Santa Cruz County, I am responsible for providing accurate, timely information to the public in times of disaster. This function was made immeasurably easier when your Volunteers in Prevention appeared on our doorstep.

During the first few days of our earthquake response, I was able to handle press releases as well as public service announcements. However, as the county shifted out of the immediate response phase, it became clear that we would have a difficult time disseminating critical public service information to local media. I did not have staff available to methodically contact the thirty or so media outlets in the Santa Cruz area, and I was very concerned about our ability to keep the public informed.

I shared my concerns with Richard Just, the CDF Division Chief from Tehama County, who informed me that a group of Volunteers in Prevention from the Shasta-Trinity Ranger Unit in Redding was available to assist me. One of the VIPs came directly into the Emergency Operations Center, sat at the PIO desk, and immediately began answering press calls. I funneled all Public Service Announcements directly to the CDF/OES Communications Trailer where the VIPs were contacting all the media with current information. In addition, the VIPs in the Communications Trailer provided the press with a central location where they could obtain copies of the most recent press releases and ask questions about ongoing disaster efforts.

I was most impressed with this exceptionally well-trained group of volunteers. They proved themselves to be intelligent and reliable, and they used excellent judgment when dealing with the public and with the press. They were especially valuable in that they required only the most minimal instruction and were absolutely willing to do whatever was most needed. They responded at all times with a professional attitude that speaks very well for the training they have received from Lisa Chiesa.

The Volunteers in Prevention who assisted in Santa Cruz County are:

**Lisa Chiesa, Information Officer,
Shasta-Trinity Ranger Unit
Kay McQuade
Bev Del Carlo
Evelyn Dollarhide
Floyd Dollarhide
Al Owens**

In addition, I would like to specifically thank Richard Just from Tehama County CDF and Mike Martin, a Fire Captain Specialist from the San Mateo-Santa Cruz CDF Ranger Unit. Both of these gentlemen provided an enormous amount of help to me and to numerous other County disaster workers. They were at all times knowledgeable, helpful and unobtrusive.

I am sure that you will receive a number of letters of thanks for all the assistance that CDF provided during this disaster. But I did want to let you know about these particular people and the great job they did. They provided a very real and critically important service to the residents of Santa Cruz County, and I am proud to offer my thanks to them. They were terrific!

**Sincerely,
Dinah Phillips
Public Information Officer
Santa Cruz County**

Dealing with loss

by Donna Steadman, assistant chief, CDF Medical Unit

The earth roared, the ground shook, and many lives will never be the same again. Scientists call earthquakes "natural disasters", however, there seems to be very little we can perceive as natural when experiencing so much destruction, pain and suffering. Many of our CDF employees were intimately involved in the Quake, and many others felt the effects through family and friends. There has been much said about the destruction of property and the physical damage done; I want to discuss the emotional side of this disaster.

Many things happen during times of such severe stress. One of those is a real feeling of insecurity. We all have a basic belief in tomorrow, and that tomorrow will be better than today. Suddenly, this basic belief has been questioned, as today was very different from yesterday, and no one is quite sure what tomorrow will hold. Along with this insecurity can come a great deal of anxiety and depression as we see material possessions that were acquired through hard work and patience quickly destroyed.

Following a major disaster, such as the earthquake, it is not unusual for persons to experience "post-traumatic stress disorder," which is characterized by insecurity, anxiety, nightmares, flashbacks, breaking out in a cold sweat, insomnia, fatigue and loss of appetite. Post-traumatic stress syndrome was first studied after the Vietnam War when it was found that soldiers returning home had many of these symptoms. I expect that some of our CDF staff who were involved in rescue efforts or suffered damage and loss of their own may be suffering from some form of post-traumatic stress syndrome. The reaction to stress may vary, but in each case, similar symptoms as the ones described may be seen. The counselors of the Employee Assistance Program (EAP) can help. By learning about the many facets of stress, you can learn to deal with it.

Many Northern Californians

have had to deal with loss in some form because of the Quake. In dealing with loss, there are basically five emotional stages we go through.

The first is denial; not wanting to believe that it actually happened.

The second stage is anger. After acknowledging that the disaster actually occurred, the person becomes angry. The anger may be directed at themselves ("why didn't I leave earlier so that I could have been with my family during the Quake?; why didn't they build the bridges and highways better?; why does God allow things like this to happen?")

Following the anger is a bargaining stage. The person may try to postpone the inevitable, hoping that someone else will solve the problem or that the problem will simply resolve itself, and life will be better again.

Stage four is depression. It is natural to be depressed after suffering a loss, especially when no one seems to understand or even notice your grief.

Stage five is acceptance; the person accepts what has happened and

begins to go on with life.

Everyone will go through these stages at different rates and to different degrees, but it is important to recognize that these stages are natural.

Next month: More on dealing with stress. As a member of an emergency response organization, your job includes the unpleasant duties of dealing with disaster. Whether it be an automobile accident or the collapse of a double decker highway, stress is a major day-to-day factor.

The Medical Unit staff is proud of CDF's employees and would like to help any of you who may need some assistance. Feel free to call us at (916) 323-9542.

You may also contact your EAP assistance provider at the following numbers:

San Francisco/Bay Area
(415) 653-4357

Toll-free Nationwide
(800) 227-1060

TTY-line /Hearing Impaired
(415) 653-5569

COMMUNIQUE' COMMUNIQUE'

GOVERNOR, George Deukmejian

CDF DIRECTOR, Richard Ernest

Editor: Lisa Boyd

Personnel Transactions: Sandra Lutz

Student Assistant: Milissa Douponce



The Communique' is published by the CDF Office of Public Affairs. We welcome articles and photos from the field. Deadline is the 5th of each month. (916) 445-9920

Will you be ready next time????

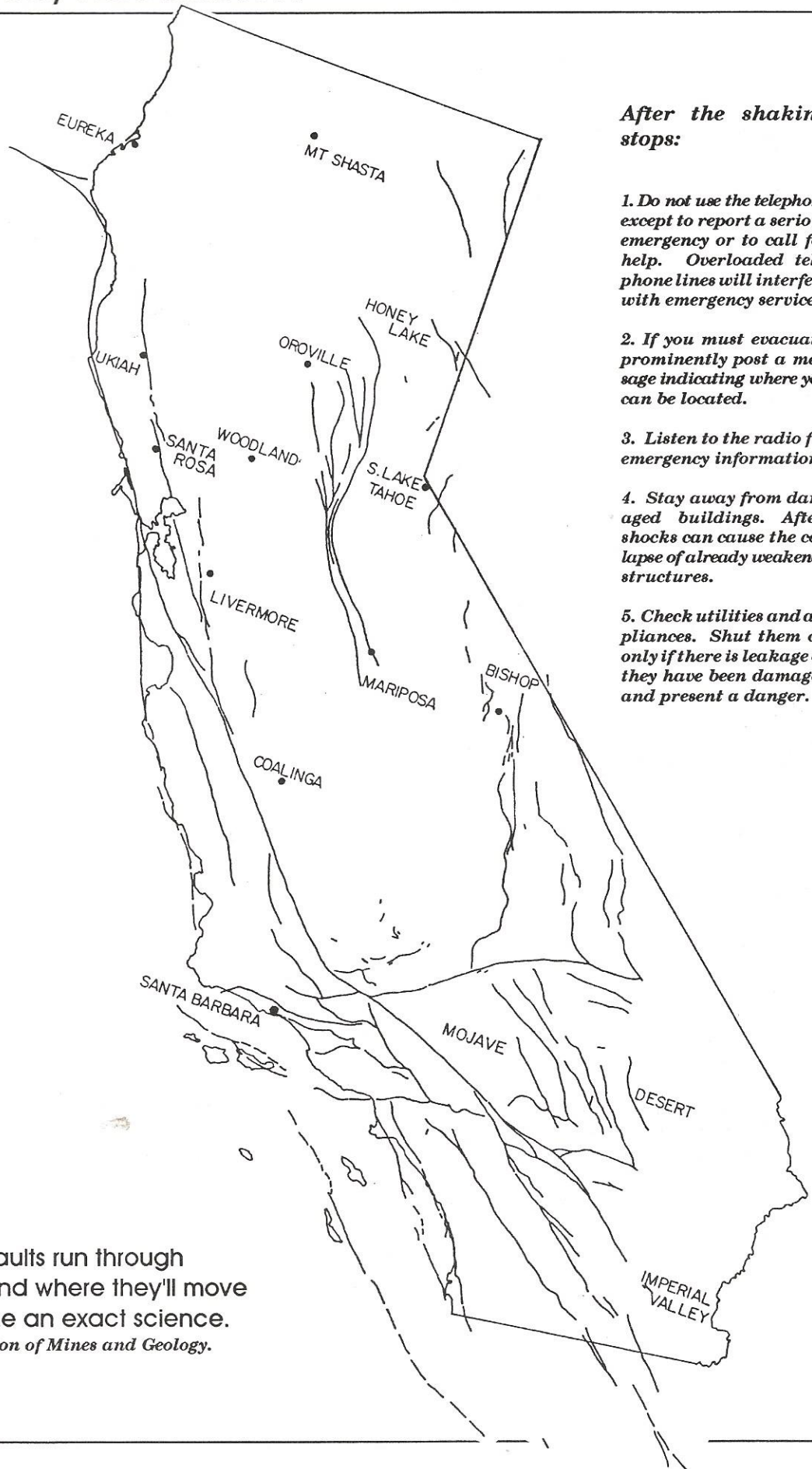
Before:

1. A fire extinguisher, battery powered radio, flashlight and spare batteries should always be available.
2. Know how to turn off gas, water and electricity service.
3. Keep basic first aid supplies on hand and have a knowledge of first aid procedures.
4. Plan evacuation procedures with family and co-workers. Know the safest places in your home or office.
5. Have water and canned goods for each family member and also a small bottle of chlorine bleach to purify drinking water.

During:

1. Most important, don't panic, remain calm and those around you are more likely to remain calm.
2. If in a building, take shelter under tables, desks and doorways. Do not leave building until safe; falling debris may injure.
3. If outside, step into a doorway or move into an open area, away from falling objects.
4. If driving pull to side of road and stop. Don't stop on a bridge or under an overpass.

* Numerous faults run through California. When and where they'll move next is yet to become an exact science.
Map provided by the Division of Mines and Geology.



After the shaking stops:

1. Do not use the telephone except to report a serious emergency or to call for help. Overloaded telephone lines will interfere with emergency services.
2. If you must evacuate, prominently post a message indicating where you can be located.
3. Listen to the radio for emergency information.
4. Stay away from damaged buildings. After-shocks can cause the collapse of already weakened structures.
5. Check utilities and appliances. Shut them off only if there is leakage or they have been damaged and present a danger.

Mark your calendar

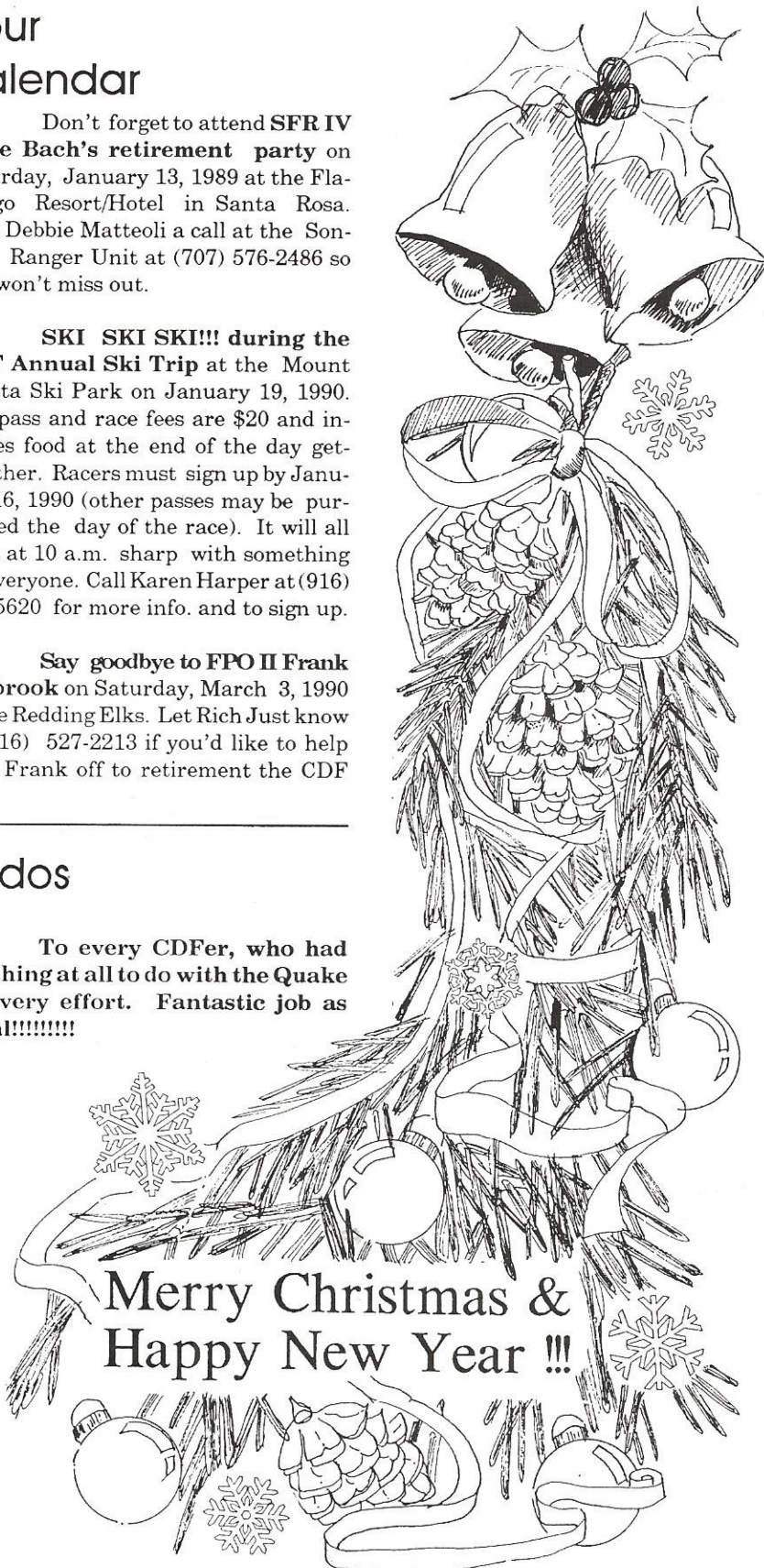
Don't forget to attend **SFR IV Gene Bach's retirement party** on Saturday, January 13, 1989 at the Flamingo Resort/Hotel in Santa Rosa. Give Debbie Matteoli a call at the Sonoma Ranger Unit at (707) 576-2486 so you won't miss out.

SKI SKI SKI!!! during the **CDF Annual Ski Trip** at the Mount Shasta Ski Park on January 19, 1990. Lift pass and race fees are \$20 and includes food at the end of the day get-together. Racers must sign up by January 16, 1990 (other passes may be purchased the day of the race). It will all start at 10 a.m. sharp with something for everyone. Call Karen Harper at (916) 445-5620 for more info. and to sign up.

Say goodbye to **FPO II Frank Holbrook** on Saturday, March 3, 1990 at the Redding Elks. Let Rich Just know at (916) 527-2213 if you'd like to help send Frank off to retirement the CDF way.

Kudos

To every CDFer, who had anything at all to do with the Quake recovery effort. Fantastic job as usual!!!!!!



Merry Christmas &
Happy New Year !!!

(Kudos cont.)

To State ECC Chief Jean Rodgers, Sid Nobles/USFS, Fire Captain Loren Snell, State Forest Ranger III Stan Lake, State Forest Ranger I Doug James, State Forest Ranger III Ken Stanley, Dispatcher Clerk Mo Matthews, Dick Harrell/USFS, Secretary Arlene Keiunji, Dispatcher Clerk Mary Jewett, State Forest Ranger I Ernie Saldivar, State Forest Ranger II Gary Brittner, Forester III Tom Randolph, and State Forest Ranger I Chris Difani for the tremendous support and cooperation during the Bay Area earthquake disaster. They never questioned, denied or forgot us, they just supported us admirably. From the entire CDF Region I Headquarters Fire Protection staff.

To the following CDFers who completed 25 years of state service in November:

State Forest Ranger Glen Koehl of the San Benito-Monterey Ranger Unit

Fire Captains Jack Clarke, Gary Blasingame, Bobby Franks, Dave Barrier, Ron Shipman, Dennis Green, Mike Watkins, and Chuck Garton of the Fresno-Kings Ranger Unit

Firefighter II George Moore of the Fresno-Kings Ranger Unit

State Forest Ranger I Howard Hawk of the Fresno-Kings Ranger Unit

To the following CDFers who will complete 25 years of state service in December:

Senior Account Clerk Janet Rek of Sacramento Headquarters

Accountant I Margarete Schwartz of Sacramento Headquarters

Fire Captain Walter Watton of the Siskiyou Ranger Unit

Fire Prevention Officer I Don Stacey of the San Benito-Monterey Ranger Unit

To Assistant Deputy Director of Support Services Shelley Mateo, Budget Officer Kay Fagunes and staff for their diligent work on all the 1990-91 BCPs. From Director Ernest.

Personnel Transactions

Coast Region

Transfers: F & FPA David Mack to Region I Hdqts; SFR IV Bill Harrington to Sonoma; SFR IV Dean Lucke to San Mateo-Santa Cruz; FC "B" Mark Barclay to Delta.

Promotions: Debbie Davis to OT "T", Region I Hdqts; Dennis Laughon to FC, San Mateo-Santa Cruz; Gary So to FC "A", Region I Hdqts; Loyde Johnson to SFR I, Lake-Napa; Ernie Loveless to SFR II, Delta; Gail Smith and Wendy Ellzey to Secretary, Region I Hdqts.

Appointments: William Meitz to Stationary Eng., Region I Hdqts; Deborah Wiskur to OT "T", Region I Hdqts.

Separations: OT "T" Gloria Pirak, Region I Hdqts; FC Walter Black, San Mateo-Santa Cruz.

Sierra-Cascade Region

Transfers: Siskiyou Ranger Unit Chief William Hoehman to Siskiyou; FC "B" Daniel Todd to Ishi CC; FC "B" David Lisk to Antelope; FC "B" Elwood Allshouse to Susanville; FC "B" Mark Reginatto to Intermountain; FC "B" Clem Towner to Crystal Creek; SFR II Jimmie Marchio to Nevada-Yuba-Placer.

Promotions: Gary Buzzini to CEA III, Region II Hdqts; Kenneth Goings to Forestry & Fire Protection Administrator, Region II Hdqts; James McCollister, Jr. to SFR III, Region II Hdqts; Jerry Burke to FC "B", Crystal Creek; Charles Lehl and Donald Clark to FC "B", Devil's Garden; Richard Kyle to FC "B", Intermountain; Russell Baluk and Dale Kinyon to FC "B", Salt Creek; Joseph Silva, Jr., to FPO I, Tehama-Glenn; Michael Chuchel, Michael Brown and Lloyd Romine to FC "B", Valley View; Nancy DeVeaux to Personnel Asst. I, Butte.

Appointments: Kenneth Lowe to FAE, Tehama-Glenn.

Separations: OA "T" Carol Gravelle, Shasta-Trinity; OA/Acct. Clerk Gloria Huelsenbeck, Region II Hdqts.

Southern Region

Transfers: FC Donald Smith to Ventura; FC David Donley to Region III Hdqts; FC Michael Sowards to San Bernardino; HFEO Dan Johnson to San Bernardino; FAE Eugene Emory to San Diego; Personnel Asst. Donna Christian to Region III Hdqts.

Promotions: Anne Sweeney to SSI, San Bernardino; William Whitlock to SFR I and Daniel Talbot to FC, Riverside; Thomas Lotko to FC, McCain; Linda Schaefer to Acct. Clerk II, Riverside; Dolores Chacon to Regional Admin. Officer I, Region III Hdqts; Patricia Sherwin to OT, Los Robles; Dilcia Campbell to OT, McCain; Gregory Schlitz to FC, CIW; Melody Geitner to OT, Owens Valley; Bryan Zollner to FC, Bautista.

Reinstated: OT Annette Avila, Riverside; FC Teddy Reese, Ventura; FC Bruce Herold, San Bernardino; FAE Gary Phillips, Riverside.

Appointments: Emmitt Allison to ADPA, Region III Hdqts; Evangeline Austin and Joann Kay to OA "T", Riverside; Susan Mills to Personnel Asst. I, San Bernardino; Michael Barton to HFEO, Pilot Rock; Darren Hensley to HEM, Riverside; John Downey to FAE, Riverside; Steven Phillips, Greg Everhart, Tracy Hobday, Richard Valverde, Daniel Favela, James Rodman, Carol Peterson, Steven Slagle, Steven Gallegos, Lawrence Lucas, James Alton and Gary Cardieux to FF II, Riverside; Randall Greenlee to FAE (Paramedic), Mary Byrne, Russell Burke, Ronald Arbo, John Schnell and Verne Elmore to FF II, San Bernardino; Valarie Kornrumpf to MSS I, Region III Hdqts; Raymond Beasley to HFEO, Riverside.

Separations: Sr. Acct. Clerk Mary Hannon; FAE's Ingrid Perman, Vickie Fleener and Gary Zissa, San Luis Obispo.

Retirements: Personnel Asst. I Bonnie McPeak-Brown; FC Reg Jaspersen, San Diego; FAE George Pierce, Riverside.

Central Region

Transfers: HEM Art Gross to Gabilan; FC "B" Lee Bennion, Norman Smith and Sherdean Swift to Preston; OA Carla Brayton to Preston; FC Specialist Aaron Bullock to Amador-El Dorado; Forester I James Laughlin to Tuolumne-Calaveras; FC "B" Buddy De Masters to Baseline; FAE Bradford Stratton to Tuolumne-Calaveras; SFR I William Cote to Fresno-Kings; Dispatcher Clerk Melissa Parham to Madera-Mariposa; FAE Dennis Ray to Tuolumne-Calaveras; SFR II Stein Willis to Amador-El Dorado; SFR II John Braton to Pine Grove; FC "B" George Bergman to Sierra Training Center.

Promotions: Reno Di Tullio to SFR II,

San Benito-Monterey; William Hudson to SFR I, Madera-Mariposa; Richard Green to SFR I, Amador-El Dorado; Ted Mendoza to SFR I, Tulare; Karen Griffith, Brad Larned and Jon Chin to FF II, Fresno-Kings; John Hughes to SFR I, Fresno-Kings; Steve Lombardo to SFR II, Tulare; Ruben Venegas to BSO I, Chuck Serpa to skilled laborer and Sandy Elderidge to Steno, Region IV Hdqts.

Appointments: Becki Redwine to M&SS I, Region IV Hdqts; Yvonne Duran Escobar to Dispatcher Clerk, Fresno-Kings; Steven Smith to HFEO, San Benito-Monterey; Albert Kong to FEM I, Fresno-Kings.

Reinstatements: OA "T" Margaret Bonetti, San Benito-Monterey; FF II's Peter Marquez, James Sweet, Richard Cooley, Craig Roberts, Richard Lay, Brian Wilson and Ed Chojnacki, Fresno-Kings; FAE's Mike Salvesson and Richard Regan, Fresno-Kings.

Retirements: FC "B" Paul Peevy, Mt. Home.

Separations: FAE Nathaniel Harrison, San Benito-Monterey.

Sacramento Headquarters

Promotions: Charles Dean to FEM II, Davis Mobile Equipment; Marty Lee to Assoc. Info. Systems Analyst (specialist); Darla Mills to Management Services Technician; Cecil Gill to Air Operations Officer II; Glen Savage to Telecommunications Systems Analyst I. **Appointments:** Karen Mayer to Management Services Technician; Joe Rackelmann to Assoc. Programmer Analyst; Van Vo and John Chacon to Assoc. Info. Systems Analyst, EDP; Bob Fischer to Air Operations Officer I (Helicopters); Mary Smith to Account Clerk, Aviation Mgt; Rosemarie Boschen to Sr. Account Clerk; Alta Glass to Telecommunications Systems Analyst II; David Bradshaw to SFR III, Fire Prev. Engineer; Sue Williams to Telecommunications Systems Analyst I; Bill Weaver to SFR III, Deputy Chief, Fire Protection Planning.

Reinstatements: Leanne Stokes to OA II, Davis Mobile Equipment.

Separations: Cheryl Barquest, Assoc. Prog. Analyst; Dabo Kusaba, Assoc. Prog. Analyst; Patricia Fuller, Telecomm. Systems Analyst; Diana Duggan, Secretary; Glen Lee, Research Analyst II, Economics.

Mr. Richard J. Ernest:

The Board wishes to acknowledge the special efforts of the Department of Forestry and Fire Protection personnel during the recent earthquake in the Bay Area. We recognize that all state and local emergency service organizations played important roles in responding and deserve credit as well.

From reports received by the Board, CDF again demonstrated why it is perhaps the finest initial response organization to emergencies in the world. We are proud of your caring attitude and efficient service to the public.

To the whole organization, please accept our praise and hearty thanks.

***Sincerely,
Harold R. Walt
Chairman, Board of Forestry***

California Department of Forestry and Fire Protection
Office of Information and Public Affairs
1416 Ninth Street, Room 1516
Sacramento, CA 94244-2460

