EARTHQUAKE EXTRA





5:04 p.m., Oct. 17, 1989

7.0 quake stuns Bay

At least 250 killed

Tremors felt from North Coast to Los Angeles

Terror on the Bay Bridge

Cars slid as if on ice as the span swung & swayed

S.F. Marina devastated

Huge fire leaves 3 dead, buildings collapse



This spartment building collapsed at Jefferson and Divisadero streets across from the big fire in the Marina District.

EXAMINER/JUDITH CALSON

State of emergency

By Lynn Ludlow Of The Examiner Staff

The Bay Area lay wounded and paralyzed Wednesday after a monstrous earthquake-the worst in 83 years—killed nearly 300 people, injured hundreds, devastated the Marina District and caused billions of dollars in damage.

State officials said that damage to the Bay Bridge would close the span for one to two months, and the Cypress section of the Nimitz Freeway which collapsed on hundreds of commuters will be closed for vears.

California Department of Transportation spokesman Bob Halligan said special steel cables called "earthquake hinge restrainers" -- retrofitted in all

Sylmar earthquake -- sheared on Deukmejian was on a trip to West one 50-foot slab of concrete. Germany. Mayor Agnos urged allowing the massive chunk to everyone to stay at home on a day of fall onto the bridge's lower deck. blocked freeways, uncertain public The Cypress section of the transit, empty schools, damaged Nimitz -- the second oldest public buildings, shuttered freeway in the Bay Area -- businesses and the aftereffects of an simply crumbled when circa-1949 concrete and steel columns fell apart, he said.

Most of the dead were crushed in the collapse of a .5-mile section of the upper deck of the Nimitz Freeway near Cypress Street in Oakland, where the Highway Patrol's early morning estimate was given as 253 deaths and 400 injuries. Alameda County authorities placed the death toll in the Nimitz collapse at closer to 100.

A state of emergency was declared by Lt. Gov. Leo McCarthy,

state bridges after the 1970 the acting governor. Gov. all-night power outage in most of San Francisco.

> The temblor, later estimated at a magnitude of about 7.0 on the Richter Scale, struck at 5:04 p.m. Tuesday as the nation tuned in to live broadcasts from Candlestick Park before the third game of what had been a Bay Area baseball dream come true, the Bay Bridge World Series between the San Francisco Giants and the Oakland Athletics. With about 30 seconds of jolting, lurching and a kind of hopping

> > [See QUAKE, back page]

'Impossible, but real'

By Carol Pogash Of The Examiner staff

YERBA BUENA ISLAND gripped the steering wheel, snapped off the seatbelt and hoped the Bay Bridge didn't plummet into the Bay.

Cars slid as if on ice as the span swung and swayed. On the bridge's lower deck heading to the East Bay, traffic stopped.

My worst earthquake fear was realized. I was separated from my kids when the quake struck. A motorcyclist sped past us in the wrong direction. Then another. The second cyclist slowed long enough to say, "The bridge collapsed."

Impossible, but real.

I jumped out of my car and started running toward Yerba Buena Island. Anyone who was

able ran. Mostly you could hear car doors slamming as people began the dash toward the happen." island.

As in a scene from a disaster movie, men and women with briefcases, mothers with children, and everyone else simply ran. Vanpools unloaded and handicapped people in one slid down ramps from their vehicle.

We ran as if our lives depended on it, more than a mile back to the island.

the only visible public phone the run. was over 100 people long. Some fanned out across the island. knocking on doors and making

As we waited in somebody's kitchen where the television was on, a network anchor said,

"This is what people in your neck of the woods expected to

"Nooooo," said all the people in the kitchen.

We left dollar bills on a plate to pay for our calls. "Pat, I'm here. I'm alive. I'm OK." said a woman on the line.

I hugged a stranger, cried and in a not very fine voice called home to say I was fine.

I met a wonderful children's social worker - I didn't get her name - she'd found a boy On Yerba Buena, the line for separated from his mother in

> All he could say was his age - "six" - and "Mommy."

She brought him to Yerba Buena, talked to him and comforted him.

> The drone of helicopters [See WITNESS, back page]

Fear and death in I-880 collapse

A 'dust storm' settles leaving 253 victims on Cypress Street

> By Marsha Ginsburg and Corrie M. Anders

OAKLAND — When the world around him began to shudder and shake, Michael Powis ran for his life.

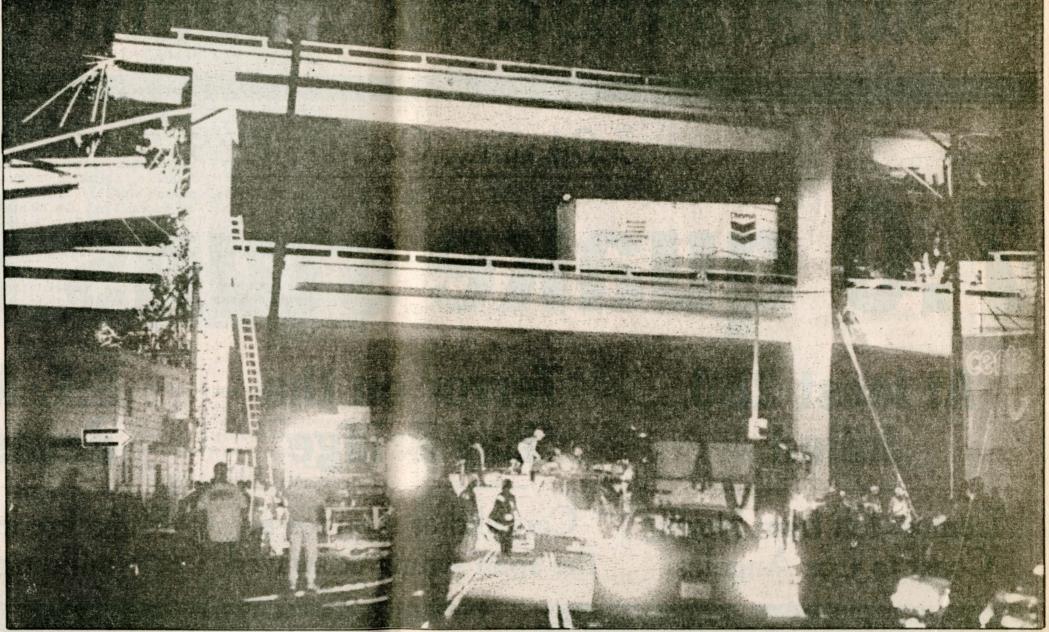
From the parking lot of his auto shop on Cypress Avenue, he saw what he could not believe: He had run head-on into death.

The upper deck of a mile-and-ahalf stretch of the I-880 freeway had fallen down, onto cars, onto people, taking 253 lives, according to Alameda County officials and the California Highway Patrol.

"All you could see was a dust storm. And all you could see when it settled was that the whole top deck dropped to the bottom. I couldn't believe it," said Powis, 27, who fled when a Mercedes Benz and an Audi began swaying on their mechanical lifts at his Almost Anything Automotive shop.

"One guy was clinging to the edge of the freeway and ready to jump off. I screamed, 'Don't jump! Just hang on. Relax.' He was pretty scared." The man was rescued moments later.

It was 5:04 p.m. when the most



Rescue workers and police and fire units work beneath the badly damaged I-880 freeway in Oakland.

EXAMINER/KURT ROGER

on. Relax.' He was pretty scared."
The man was rescued moments later.

It was 5:04 p.m. when the most traumatic temblors since the great quake of 1906 struck the Bay Area, hitting hardest at rush-hour commuters on this stretch of I-880 from Eighth Street to 32nd Street in West Oakland.

Pillars supporting the upper deck of the two-deck stretch of freeway were toppled by the quake, smashing cars "like a pancake," as one observer said.

Six were confirmed dead, and rescue workers estimated 40 to 50 dead. Dozens of others stranded in wrecked cars were believed dead. More than 40 people were taken to six area hospitals. Most of them were taken to Highland and Providence hospitals.

"It was rush hour. It was bumperto-bumper traffic," said Oakland police lieutenant Sid Rice.

Dangling from the crumbled pillars were metal strips that drooped over the destruction like spaghetti. Neighbors rushed to the scene to try to pull the injured from their cars. Some survivors walked away from the flattened cars.

Rescue workers gave up trying to remove the major debris at 11 p.m., saying they were working in blind darkness and potentially doing more

harm than good By midnight, dozens believed to be dead lay trapped in sliver-sized autombiles, as more than 100 medical professionals lingered at an emergency command post set up at the site. A helicopter Rescue workers and police and fire units work beneath the badly damaged I-880 freeway in Oakland.

hovered over the eerie scene and a generator powered spotlight beamed on the tragedy as hundreds of gawkers looked on

"We started climbing up (the freeway) to help people," said Powis. "One section was on fire and nobody could do anything.

Powis and a couple of co-workers found a man trapped inside an Army pick-up truck that had been toppled by tons of debris

"It was two and a half feet tall. It just squished him," said Powis. "At first the guy was calm and then he said, 'I can't feel my legs...I'm going to die.'

"We let the air out of his tires, but the deck was slowly coming down a little lower. I couldn't even see his face, "said Powis. However, an hour later rescue workers were able to pry the man free.

Some cars were smashed to four inch heights. By midnight, officials had recovered seven bodies from the scene. Traffic coming into 880 near the deadly stretch was turned back.

One section of the upper deck concrete fell straight down, while another bent like a wet twisted dishtowel. Workers found a child alive in a car where his parents had been killed.

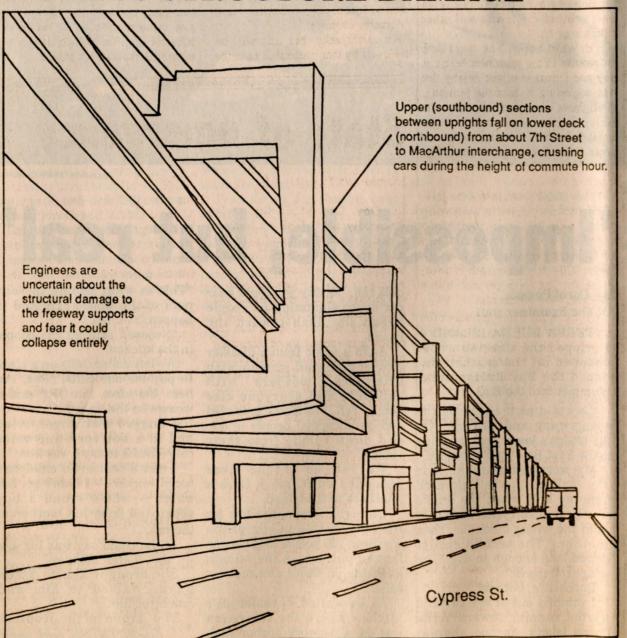
"There were some real bloody people," said Powis. "And some bodies were just covered up. It was pretty amazing. It was like, 'This is



pretty amazing. It was like, 'This is A victim of the Cypress Street freeway collapse in Oakland is removed from a stretcher.

OAKLAND TRIBUNE VIA AP

CYPRESS STRUCTURE DAMAGE



freeway could drop like that. "

Bodies were being taken to a temporary morgue at a nearby school. About 50 injured were taken to six area hospitals, said Marty from Tracy, said he ran into a man Boyer, spokeswoman for the Alameda County Office of **Emergency Services.**

Carter Clements, assistant chief of Emergency Medicine at Highland finding any remaining survivors Wednesday morning when the search the license plate. was to resume.

"There may be a guy out there who's going to write his Reader's Digest story in three days. But I doubt it," said Clements. "You can't drop that much concrete on a car and have people get out.

By midnight the beaming spotlight that shined on the destruction illuminated medical personnel milling about hoping for progress. Several dozen trucks stood

the big one.' I just couldn't believe a helpless as they waited to haul away the tons of fallen concrete.

> Helpless relatives searched for cars that were barely recognizable.

Paul Goldfine, a rescue worker wandering in a daze from the collapsed freeway, looking for his wife. He had called on her mobile car phone moments after the quake and was wondering why she didn't Hospital, was pessimistic about respond. He later found his wife's white Subaru, which he identified by

"It was horrible," said Goldfine.

Caltrans, PG&E and the Highway Patrol brought in equipment such as portable toilets, food lines, payphones and tents.

"It's like a dream," said Eric Grant, 18, a passerby.

"You could hear people," said John Torres, a navy seaman stationed in Alameda. "About 9:30 I heard a man asking for help and then the structure shifted and then there was said.

no more sound."

People used neighbors' homes as mini-communications centers. One of them was at Aura Hernandez' house next to the freeway. "When the earthquake started, huge pieces of cement began to fall. Cars began falling, and it (the freeway) just parted. It smashed everything. It was the sound of cars crashing and crashing and crashing. "

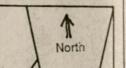
Paramedic Patrice Skipp, among the first to arrive at the scene, said cars had been "smashed like pancakes." She described the scene as one of total devastation. S m o k e from debris and overheated engines billowed. People milled around the rubble. Residents made efforts - mostly in vain, to rescue people. Cries of the trapped went unanswered.

"You know what you imagine how things will look after the world ends? That's the way it looked, " she

his section is a reprint of The Examiner's overnight coverage of the October 17, 1989 earthquake. We have reproduced the pages exactly as they appeared. Operating in a power and telephone blackout, Examiner staff members gathered the news with pencils, paper, and flashlights and were able to create this newspaper using small generators, Macintosh computers and the generosity of friends who offered equipment and assistance.

At the scene of the destruction at the Cypress Street freeway collapse in Oakland rescue workers lift victims out of the wreckage and onto fire ladders. Map at right shows where the disaster occurred.

AREA OF COLLAPSE



The City's hospitals rise to the occasion

Emergency rooms handle about 142 injured people

By Lisa M. Krieger EXAMINER MEDICAL WRITER

High on the floor of UC-San Francisco Medical Center, the earthquake sent an incubator with a fragile, premature baby rolling across the floor. Alarms and buzzers rang as the room rocked.

The baby's peaceful sleep was never interrupted. Life-saving monitors held secure to its skin and heat lamps kept its body warm, saved by the sudden triggering of emergency power generators, said UCSF Dr. Camtu Tram.

Throughout San Francisco, hospitals like UCSF rose to the occasion. An estimated 142 people arrived at emergency rooms at The City's 12 major hospitals. All received immediate treatment.

Meals were carried up and down stairs when elevators froze. Wooden

ramps carried wheelchair patients across fractured floors. Dozens of volunteer doctors and nurses arrived to help. Diesel-fueled generators The vast majority of immediate provided emergency power.

Hundreds of panicked or injured city residents called 911, the number for CMED, The City's emergency medical communications system. CMED directed ambulances to hospitals scattered throughout San Francisco, depending on the patient's need and location. Only one hospital, Mount Zion Medical Center, was unable to accept emergency cases because of insufficient power in the operating room.

The best efforts were unable to save an 8-month-old baby girl who was rushed to Pacific Presbyterian Medical Center in her parents' arms. She was killed in the collapse of a Marina District home; her brother was treated for a broken shoulder.

UCSF researchers waited helplessly as rare lab specimens - some needing temperatures as low as 80 degrees below freezing - perished in warm refrigerators. In dark labs and offices, the extent of damage was impossible to estimate.

"Our first priority is patient care,"

said UCSF Vice Chancellor Bob Spaulding. "But we're concerned that a lot of our research is lost."

injuries were minor cuts, tractures and abrasions. A falling door sliced off the fingertip of a young boy. Because emergency room space was short, he waited until Wednesday for microsurgery.

But as the night wore on and tensions climbed, there were many admissions because of violence in the streets, emergency room doctors

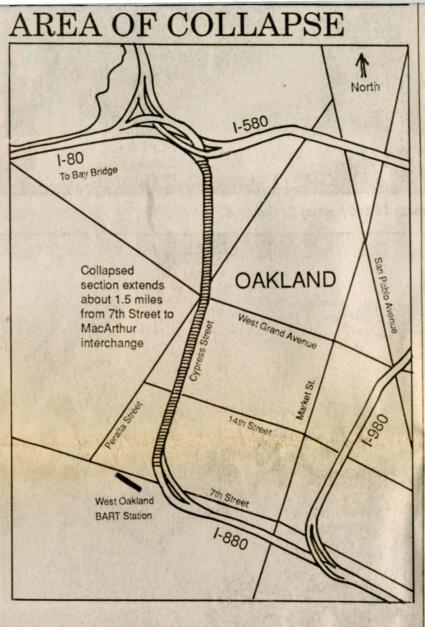
A young black woman rushed into St. Luke's Medical Center with a knife slice over her right eye. She was followed by an apologetic husband.

At Ralph K. Davies, a man was being treated for fracture of his eye socket, the result of a fist fight. A police officer needed stitches for severe face lacerations after being hit by a beer bottle.

"It's hot, it's dark, people were excited about baseball, and now they're drinking," said a San Francisco General Hospital nurse.

"Considering everything, I guess we're pretty lucky," said Kerry Reynolds of St. Luke's. "It could have been a lot worse."

At the scene of the destruction at the Cypress Street freeway collapse in Oakland rescue workers lift victims out of the wreckage and onto fire ladders. Map at right shows where the disaster occurred.



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S.F. paramedics race against fire

Trapped woman pulled from Marina building wreckage

By Candy J. Cooper EXAMINER STAFF WRITER

Dirk Van Waart knew as he drove "Code 3" behind the wheel of his ambulance toward the light brown smoke in the Marina District that this was not the traffic accident that a dispatcher had described on the radio. He had felt what seemed to be a flat tire and the undulation of the earthquake.

What he had not expected was to arrive first, with a fire truck on the scene at Divisadero and Bay streets in the Marina. He had not anticipated four collapsed buildings, fire at his back and dozens of people running to him pleading, "You've got to help."

One man came to Van Waart with particular urgency. He believed he'd heard the cries of an older woman trapped inside a Divisadero apartment house near a building in

Private paramedics took up the slack for city rescuers. Sherry transported a woman who was Pickins and Malcolm Culbertson of San Francisco Ambulance Service treated a man who had suffered a blow to the head when a bookshelf fell on top of him. He was stunned but not seriously hurt.

A woman who lives at Third and Bryant streets who was recovering from surgery jumped from her bed and ripped internal sutures, Pickins

A number of elderly connected to oxygen tanks called for help when their tanks lost power.

At Sixth and Bryant, paramedics seriously injured by a crushing blow to the head.

But by about 10 p.m., many of the calls had returned to the routine, if horrible. Van Waart responded to a call at Geneva Towers at Sunnydale Avenue where a man had been shot in the head.

Van Waart and his two partners filed in with a guerney and emergency medical gear, but they pronounced the man with the street name of "Dominique" dead.

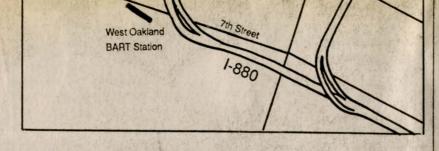
The ambulance rolled away, waiting for the next call.

A 6-point aftershock possibly will follow

State officials: 20% chance of second damaging quake

weeks to come. There is some possibility that one or more of these could be as large as a magnitude of 6 - large enough to do further damage."

According to the office, an analysis



Residents advised to stay home, but there are ways to get around

Transit officials plan to restore most Bay services

By Diana Walsh Of The Examiner Staff

In the wake of the earthquake, the best advice officials could offer

Bay Area residents was to stay home Wednesday.

However, a special request was made by local government officials and several private corporations for some employees to return to work, including structural engineers and workers who provide emergency services such as PG&E and Pacific Bell repair people.

If you must travel, all Bay Area bridges except the Bay Bridge will be open to traffic Wednesday. Transit officials said no toll would be required on the Golden Gate Bridge between 6 a.m. and noon Wednesday.

BART, Muni and CalTrain officials said they hoped to restore most service, running on interrupted or reduced schedules by early Wednesday morning.

Special ferry service on the Red and White Fleet, the Blue and Gold Fleet and Hornblower Yachts will continue to operate between the East Bay (from Jack London Square), Marin and San Francisco.

After shutting down completely Tuesday night, San Francisco Airport was expected to reopen Wednesday. Airport officials said most flights would be run out of the South terminal, which houses USAir.

Seventeen out of 80 gates, most in

United Airlines terminal, were destroyed. Early reports turned up no damage to runways, but Airport Director Lou Turpen said buildings had suffered more than \$3 million in damage.

All other Bay Area airports expected to continue most service Wednesday.

Roads remain blocked in several parts of the Bay Area.

The collapse of the Cypress structure along Highway 880 has paralyzed the Nimitz Freeway. No one was willing to predict how long the repairs to the East Bay freeway would take. The Emeryville Powell Street exit off of Highway 80 was blocked in both directions.

Highway 17 to Santa Cruz was closed to traffic in both directions atter a landslide spilled across the roadway.

Southbound from Santa Cruz along Highway 1 was also closed early Wednesday and the only way out of Santa Cruz was north on Highway 1.

In San Francisco all elevated freeways were closed indefinitely, including the Doyle Drive ramp onto the Golden Gate Bridge. Several streets in the hard-hit Marina District were blocked off because of debris.

Transit officials in Santa Rosa, Solano and Contra Costa counties said early reports turned up no road problems.

Rail service between San Francisco and Los Angeles was reported to be temporarily canceled after rail tracks near Morgan Hill buckled.

Transit officials throughout the Bay Area said it could be days before normal service could be restored. All transportation routes are subject to delay and interruption, and officials suggest travelers call local transit agencies for specific departure times and locations.

BART 464-4000 Muni 923-6126 or 923-6162 AC Transit 891-4873 Golden Gate Transit 457-3110 SamTrans 872-6748 CalTrain 557-8661 Amtrak 397-2394 For flight information, call airlines

directly.

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One man came to Van Waart with particular urgency. He believed he'd heard the cries of an older woman trapped inside a Divisadero apartment house near a building in flames. Van Waart and firefighters began a search.

Paramedics from as far away as San Jose were called to duty Tuesday to handle calls that ranged from terrible death to seniors cut off from their oxygen tanks when they lost electricity.

Some people suffered injuries from fallen objects inside their homes; others hurt themselves just by jumping out of bed. The dead were crushed by bricks and other falling debris.

Van Waart believed he could save the woman in the apartment house at Bay and Divisadero, but nearby fire was beginning to heat the building. Firefighters wanted to hose down the building, but feared that it might collapse further under the weight of water. Instead, they hosed down Van Waart as he repeatedly entered in search of the woman.

"They didn't want to use the jaws of life so they tried a hydraulic pump," said Van Waart. After two hours of work, Van Waart and firefighters extracted 55-year-old Sherra Cox from beneath a door, where she had been pressed like a "pancake," Van Waart said.

As he and other paramedics responded to calls, they transported the injured to area hospitals, most commonly San Francisco General, where hospital officials reported treating 30-35 people. Outside the emergency room, paramedics gathered to tell stories of the horrors in the street.

San Francisco paramedic Mark Gradney transported a woman with a fractured leg from the wreckage at Sixth and Townsend streets, but he saw the bodies of at least five people crushed by falling debris — people who had been in their cars or walking on the street.

John Fengler, a paramedic for the Department of Public Health and the San Francisco Giants, said there were several heart attacks at the ballpark and some minor injuries.

A 6-point aftershock possibly will follow

State officials: 20% chance of second damaging quake

Examiner staff report

The Office of Emergency Services conferred early Wednesday with scientists from the U.S. Geological Survey and the California Division of Mines and Geology and issued the following warning for residents of San Francisco, Marin, Sonoma, Napa, Solano, Contra Costa, Alameda, Santa Clara, Santa Cruz, San Mateo, San Benito and Monterey counties:

"An earthquake this size will be followed by many aftershocks in the

weeks to come. There is some possibility that one or more of these could be as large as a magnitude of 6—large enough to do further damage."

According to the office, an analysis of historical earthquake patterns shows there is a 20 percent chance that within 24 hours of Tuesday's quake, or by early Wednesday evening, another quake could occur registering 6 or more on the Richter Scale. The office said there is only a "remote" possibility the area will be struck by a quake larger than 7 on the Richter Scale.

Early Wednesday, radio broadcasts urged Bay Area residents to be extremely cautious, conserve water and remain indoors as much as possible until immediate danger of severe aftershocks has passed.

State of emergency

Examiner staff report

Lt. Gov. Leo McCarthy early Wednesday asked President Bush to speed financial aid and disaster relief specialists to San Francisco and six other Bay Area counties.

Acting for Gov. Deukmejian, who is in Germany and was scheduled to-return California on Thursday, McCarthy messaged Bush that the region is in immediate of temporary housing assistance. Access to individual and family grant programs, disaster unemployment assistance, crisis counseling and the disaster-loan programs of the Small Business Administration.

McCarthy, just hours after the earthquake rumbled up and down the San Andreas fault, had proclaimed a state of emergency, and 20 federal agencies were quickly joined in the effort to care for the dead and wounded and provide emergency police services. McCarthy signed the request to the White House on the steps of the San

provide emergency police services.
McCarthy signed the request to the
White House on the steps of the San
Francisco Emergency Services
Command Center on Turk Street at
about 1 a.m. and then departed for a
tour of the devestated Marina

District.

His own son-in-law, Peter Craigie of Alameda County, was driving on the Bay Bridge when it buckled under pressure of the earthquake. "He looked into his rear-view mirror, and saw three cars behind him fall," said McCarthy.

The United States will provide 75 percent of emergency assistance funds, with the state providing 24 percent, he said.

He said a damage estimate was impossible. McCarthy said he has no plans to call in the National Guard, because local authorities were handling the crisis adequately. In addition to San Francisco, McCarthy sought aid for Alameda, Monterey, San Mateo, Santa Clara and Santa Cruz counties.

"Effective response is beyond the capabilites of the state and affected local governments," he wrote Bush. Just prior to midnight, Mayor Agnos toured the Marina District, met the new homeless of the elegant area, and comforted the devestated, who were huddled at the Marina Middle School.



EXAMINER/CRAIG LEE

Eerie walk across bridge

Live wires, empty cars seen on lower deck

BY Beth Hughes Of The Examiner staff

At the edge, you looked down and saw water.

With a clean cut, the upper deck of the Bay Bridge punched through the lower deck of the span's cantilever section at call box 291, about a mile and a half east of Yerba Buena Island. On the lower deck, caught in the crease where the upper roadway fell, was the front of a red Pontiac, its right rear blinker flickering some three hours after the quake.

A few feet away, a gray Mazda 626 hung nose first into the abyss. Its two occupants had escaped.

Live electrical wires and the hoses and tubes for the bridge's fire hydrants and pressurized air systems hung from the upper deck.

Motorists stuck on the Bay Bridge find themselves in a precarious position after the rush-hour collapse that reportedly killed one at the site.

Bridge hit by oddball waves

Far-reaching damage may be caused by seismic waves

By James A. Finefrock Of the Examiner staff

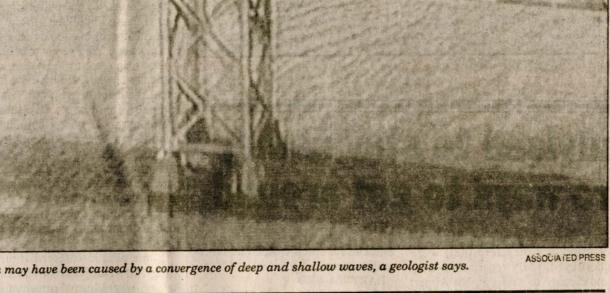
The collapse of a secton of the Bay Bridge during Tuesday's earthquake may have resulted from an "oddball" seismic occurence that caused hot spots of damage around the Bay Area, a San Francisco geologist says.

Robert Nason of Newquake Research said the damage to the bridge may have been caused by a convergence of deep and shallow quake waves. That, he said, would explain why serious damage occurred 50 miles or more from the quake's epicenter.

A 50-foot section of the top, westbound deck of the bridge fell at an angle onto the lower deck, breaking a chunk of it off at rush hour. Early reports said most drivers escaped from their cars, but that one motorist may have died. Three cars were perched precariously on the hanging deck. Bridge officials hoped to make temporary repairs and reopen the span on Thursday.

State officials said some sections

The collapse of the Bay Bridge's top deck may have been caused by a convergence of deep and shallow waves, a geologist says.



hung from the upper deck.

Getting to the edge, the spot where the Bay Bridge opened up as it was whipped by Tuesday's earthquake was an adventure that began with an attempt to cross the stricken structure's top deck.

CHP officers barred access to the upper deck, and there was no getting around them. The lower deck was another matter, and Chronicle reporter Laura Evenson and I struck out to find the spot where the bridge had fallen.

Walking east on the bridge after the temblor hit, The City and its noises quickly faded.

Gulls screeched and the sound of waves more than 100 feet below were clearly audible.

Smoke billowed behind Telegraph Hill. With a warm breeze blowing and the sun setting, the walk began as an almost pleasant experience.

But after the sun set, the blackness on the bridge was haunting. Laura and I acknowledged our fear by holding hands as we walked east.

About two-thirds of the way to Treasure Island, sirens sounded behind us in The City and white lights flashed from Alameda Naval Air Station. We took these to be some kind of seismic warning as the bridge suddenly began to groan and creak.

I thought of aftershocks more serious than the initial quake. I wondered about the possibility of surviving the drop if the rest of the bridge fell.

I couldn't have continued without

In the darkness, we sang a quick verse of ""Rock of Ages," and a

to make temporary repairs and reopen the span on Thursday.

State officials said some sections of the bridge had been retrofitted to make them safer, but they were unsure whether the damaged section had been repaired.

occurred after a long period of shaking, accumulating stress on the bridge. He said building codes are concerned with single jolts, not continuous shaking.

The bridge, he said, may have resisted the onset of the quake, but after 10 or 15 seconds, simply gave way. The structure, he said, may have bridges themeslves, been the victim of the intersection of earthquakes waves. That same 1938, the 1,400-foot cantilever phenomenon apparently occurred in the September 1985 Mexico City earthquake, in which the greatest was the longest such structure in the damage to buildings was 200 miles country. The pier that holds that part from the epicenter of the quake.

Henry Degenkolb, an engineer and a recognized quake expert, said he had thought the Bay Bridge would suffer less in a large quake than the Golden Gate Bridge. He said the

The collapse of the Bay Bridge's top deck may have been caused by a convergence of deep and shallow waves, a geologist says.

Tuesday was "one of the last things I'd ever guess."

"If not too many lives were lost," Nason said the damage apparently he said, "maybe we will learn a valuable lesson."

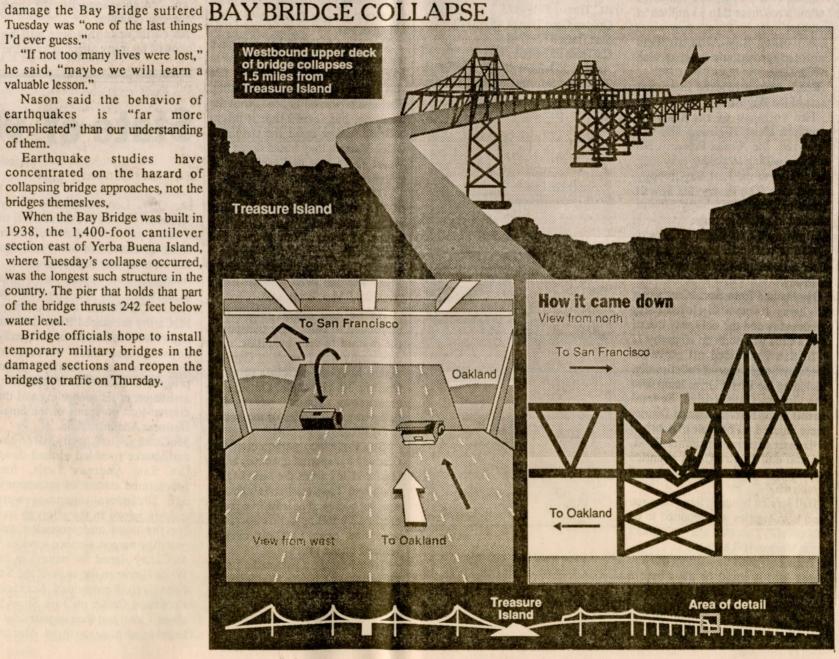
> Nason said the behavior of earthquakes is "far more complicated" than our understanding of them.

Earthquake studies have concentrated on the hazard of collapsing bridge approaches, not the

When the Bay Bridge was built in section east of Yerba Buena Island. where Tuesday's collapse occurred, of the bridge thrusts 242 feet below water level.

Bridge officials hope to install temporary military bridges in the damaged sections and reopen the bridges to traffic on Thursday.

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Laura.

ASSOCIATED PRESS

In the darkness, we sang a quick verse of ""Rock of Ages," and a couple of verses of the Beatles' "Let it Be." Holding hands, we arrived at Treasure Island.

There, Navy personnel were shuttling civilians back to San Francisco.

One of the Navy men; Carlos Barrera, 28, from Queens, New York - drove us in a Navy van to where the bridge had buckled.

Cars filled the right-hand lanes. A walkway on the right was filled with items apparently discarded by fleeing drivers. Several AC Transit buses, too unwieldy for U-turns, remained on the bridge.

Minutes after leaving Treasure Island, we arrived at the collapsed section of the upper deck. There, we stared down into the dark waters of the bay. And turned around.

As we headed back to San Francisco in the Navy van, we could smell The City burning before we reached Yerba Buena Island. Through the tunnel we could see smoke.



Quake killed suddenly

The elevated section of Interstate 880 over Cypress Street in Oakland, left, was the deadliest place to be during Tuesday's quake. Parts of the structure collapsed, reportedly killing more than 200 people. Six people were killed when a brick wall at Sixth and Townsend streets in The City collapsed, crushing a number of cars.



EXAMINER/JOHN STOREY

Marina ravaged by fire

Scores injured by collapsed building, fire

By Katherine Seligman OF THE EXAMINER STAFF

Marina District residents who escaped through the windows of crumbled buildings watched as two apartment houses exploded in a 50foot tower of flames.

Police said at least three people perished in the wall of fire that erupted Tuesday at Beach and Divisadero streets, and quickly escalated to five alarms.

Scores of people were injured in a four-block area bounded by Fillmore, Divisadero, Chestnut and Marina when several multi-storied buildings slid off their foundations and walls buckled.

"I didn't even realize at first that the whole building was coming down," said Helene Warwick, whose Northpoint Street apartment building was demolished. "I went to the front door and started screaming hysterically. The third floor slid right off into the street."

Blocks away, at Scott and Bay streets, paramedics used the Jaws of Life to pry two women from the rubble. One suffered a broken pelvis, the other had bruises and broken ribs.

Shaken residents gathered on street corners, clutching the few belonging they had taken with them. Streets were littered with broken glass, bricks and plaster. Sidewalks and streets were cracked. Pavement swelled as much as a foot in some places. The eerie scene was lit by the fire that raged out of control for more than two hourst.

One distraught man ran up to police barricades screaming, "That's my house over there," pointing at the flames. When no one would let him close, he ran away, bewildered and shouting.

Police and Red Cross volunteers went door to door pleading with residents to leave their homes, because of natural gas leaks that sent noxious fumes throughout the upscale neighborhood.

"I'm particularly worried about the elderly," said paramedic Joe Delligatti, who had been off-duty when the quake hit but showed up to

"They were too scared to leave. They are in there without food, light or water.

By 9 p.m., a group of about 100 evacuated residents stood outside the Marina Middle School on Chestnut Street, where the Red Cross set up an emergency shelter. No one could tell them when it would be safe to return home.

Those who were indoors when the rumbling began described being thrown to the ground as book shelves, cabinets and glassware crashed around them. A police office discovered Mabel Michalek, miraculously unhurt, lying under a blanket of plaster in her Cervantes Street home.

"Everything I stepped on, my foot just went through," she said, standing dazed on a street corner in pajamas and a borrowed coat.

Alexandra Conanan fled her Scott and Capra Street home, with her cat Sidney.

"We can't go back," she said, shivering in the warm night. "The building can't be fixed."

Carl Sanders, who helped neighbors climb from their homes, was lying on his living room couch, when he felt the rumbling start. "It left me looking out at the sky," he said. "I watched the plaster peel off the

In the chaotic hours after the quake, crowds jammed the few pay phones that were working, and small clusters of people roamed the streets, their bobbing flashlights bouncing off debris scattered on the ground. One firefighter yelled for passersby to put out their cigarettes.

On Chestnut, bars and restaurants usually crowded with yuppies on their way home from Financial District jobs, filled with displaced residents. A Mexican restaurant handed out free plates of beans and tomatoes.

Firefighters were hindered by low water pressure, reportedly caused by damaged water mains. Fire officials played an elaborate relay race at hydrants around the block, rushing to new ones when those sites being used ran low.



At Jefferson and Divisadero, timbers prop up a collapsed apartment building.





Flames and smoke billow from a fire at Beach and Divisadero streets in the Marina.



EXAMINER / JOHN STOREY

A woman displaced by gas leaks in the Marina waits for word at the Marina Middle School shelter.

The Marina fire from afar...



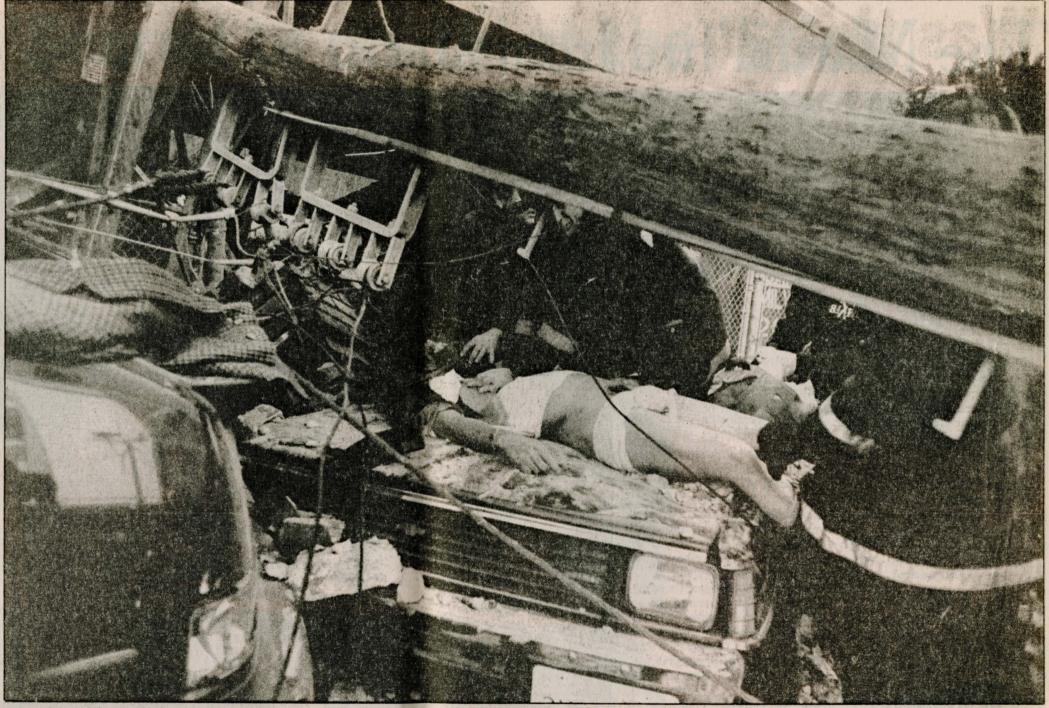
. AND near in the heat of battle



Tuesday's quake-triggered fire in the Marina District is seen from above Polk Street, top photo, and from the fire line at Divisadero and Broderick streets.

EXAMINER/ELIZABETH MANGELSDORF

'When the shaking stopped, you could still hear the bricks hitting the street' --Marcy Dutra



XAMINER PHOTOS BY GORDON STON

Fire fighters treat a man who was in one of several cars crushed by a falling four-floor brick wall at Sixth and Brannan. He lived, but six people did not.

6 die in S.F. building collapse

by Seth Rosenfeld Of The Examiner staff

At least six people were killed when the earthquake broke loose the fourth-floor brick wall of an old office building near Sixth and Townsend streets and showered tons of brick on their cars below.

Police, fire fighters and volunteers. worked furiously to excavate the crushed bodies from the flattened. twisted cars, but to no avail. .

Officials could not immediately identify the victims, who apparently were just leaving work or picking up friends or family, said officer Rick Galande, at the scene.

No was reported injured inside the mostly empty building.

The tragedy apparently accounted for The City's greatest number of fatalities.

It occurred as the quake hit soon after quitting time at 175 Bluxome Street, across from the Highway 280 off-ramp at Sixth Street. The building houses several companies. including Major League Services, de Vries & Co., an insurance firm. The entire fourth floor wall and comice along the westside of the half-block long structure tumbled without warning onto barely used stretch of Sixth Street, eyewitnesses told The Examiner. Huge chunks of wall smashed about a dozen cars, and blocked the street.

The street was blocked with waisthigh piles of brick and fallen power

fluttered among the debris and a strong smell, of gasoline filled the air. Above, the fourth floor's offices. desks and ficus plants were exposed as in a cutaway model.

"I saw the corner fall off the building," said Mary Dutra, an employee of Major Legal Services

who was luckily standing around the corner on the Bluxome Street side of the building.

"I grabbed my friend and ran. Everything was shaking. We could barely stand. When the shaking stopped you could still hear the bricks falling into the street."

Bill Lehr, a microfilmer at Major Legal Services, barely escaped being crushed. He and two friends had just driven down Sixth Street passed the building when the earth shook and he heard a roar.

"I though I blew a tire. The car was going all over the road," said Lehr. He pulled over and looked back to see a huge dust cloud.

"We thought the building was on fire. People were screaming for help," he said.

Steve Ibarra, was driving down Townsend Street when the quake hit. He stopped his car, jumped out and ran toward the building just in time to see the wall collapse.

"The whole side of the building came down ... it was one big chunk. The building fell apart and crushed all the people in the cars," he said.

lines and poles. Legal papers Ibarra and other people, some in tears, formed an assembly line and began to pick past the fallen power lines to uncover the crushed cars, brick by brick.

> "All you could see were hands and parts of bodies," Ibarra said, holding up his hands, covered with concrete, dust and glass cuts.

Emergency crews did not arrive to join the volunteers for about 20 minutes, Ibarra said, because no phones were working and people had to search for police.

Their efforts were in vain. When they finally uncovered them, ""all the bodies were still and dead," Ibarra said.

'In the distance, the sun set and redtinted smoke from a fire in the Marina District filled the northern skies.





Six peops used when a brick wall fell away from the fourth floor of this South of Market building.



Volunteers dig feverishly in hunt for bodies after a wall collapsed at Sixth and Brannan streets.



Six people used when a brick wall fell away from the fourth floor of this South of Market building.

5 die, damage in Santa Clara County

By John Flinn and Steven A. Chin OF THE EXAMINER STAFF

Santa Cruz, a county next to the epicenter, was hard-hit by the earthquake.

At least five people died, about 25 structures were burned to the ground and about 40 buildings — mostly single-family homes — collapsed, according to Dinah Phillips, acting spokes woman for Santa Cruz County.

"Things are going to be tough here, really tough," said Phillips.

Six shelters were established to house people displaced by the

earthquake. About 400 people had gathered at the four sites during the night.

Downed trees and power lines, and landslides, forced the closing of Highway 17 in both directions, nearly cutting off Santa Cruz from the rest of the region.

One person died when Ford's Department Store partially collapsed. Another person died when the Santa Cruz Coffee Roasting Company collapsed. One person died in a nursing home; a patient, severely injured in the collapse of a bakery in Watsonville

died; and on Highway 1, a driver died when his car collided with three horses that had gotten loose. Highway 1 was closed just south of Santa Cruz. In addition, Highways

152 and 129, which connect Watsonville with Salinas and Gilroy, were closed because of landslides. Power was out throughout the county.

At 2:30 a.m. Wednesday, a fire still burned out of control at the Forest of the Niscene Marks State Park near

County officials estimated damage at about \$350,000,000.

Was this an aftershock of the Big One?

By Keay Davidson **Examiner Science Writer**

It was big - but it wasn't the "Big

Still, there's a chance that Tuesday's killer quake may have been a longdelayed aftereffect of the legendary San Francisco quake.

Sometime around dawn Wednesday, Berkeley quake experts expect to start scouring the Santa Cruz Mountains for clues to the violent jump of the crust of the Earth.

Considering it was a 7.0 quake on the Richter scale, didn't it cause an amazing amount of damage - for example, knocking down parts of the Oakland-Bay Bridge?

Authorities give conflicting answers. "I would not have expected that (much damage) from a 7.0 quake," said UC-Berkeley quake expert Thomas McEvilly.

But a colleague, Robert Uhrhammer of Berkeley Seismographic Stations, "I wasn't really too surprised. When you get earthquakes of 6.5 and larger in heavily populated areas, you generally see a lot of damage."

In any case, it was a real shaker, and California's largest quake since 1952, when a 7.2 quake struck an area near Bakersfield.

An interesting theory is that the quake may have completed something that Mother Nature started in 1906. At that time, when San Francisco was still a boozing, womanizing Sodom by the Bay, a mega-quake and subsequent fires clobbered it to the ground.

In that quake, a huge chunk of earth stretching from San Juan Bautista to Shelter Cove at Mendocino lurched. In one area, the ground moved as much as 21 feet.

But researchers also noticed that

there was much less ground movement in the southern part of that chunk of California.

Could Tuesday's quake have involved a release of remaining stress in the southern region - in short, a completion of the '06

It's an intriguing idea, and there just might be some credence to it, McEvilly says. For now, there are too little data to say for sure. One of his jobs in coming days is to help gather that coming data.

But the Tuesday quake, he adds, might also be something more ominous: A warning shot of "the next 1906."

Uhrhammer doubts that Tuesday's quake is related to the 1906 cataclysm based on his study of the distribution of the aftershocks since yesterday.

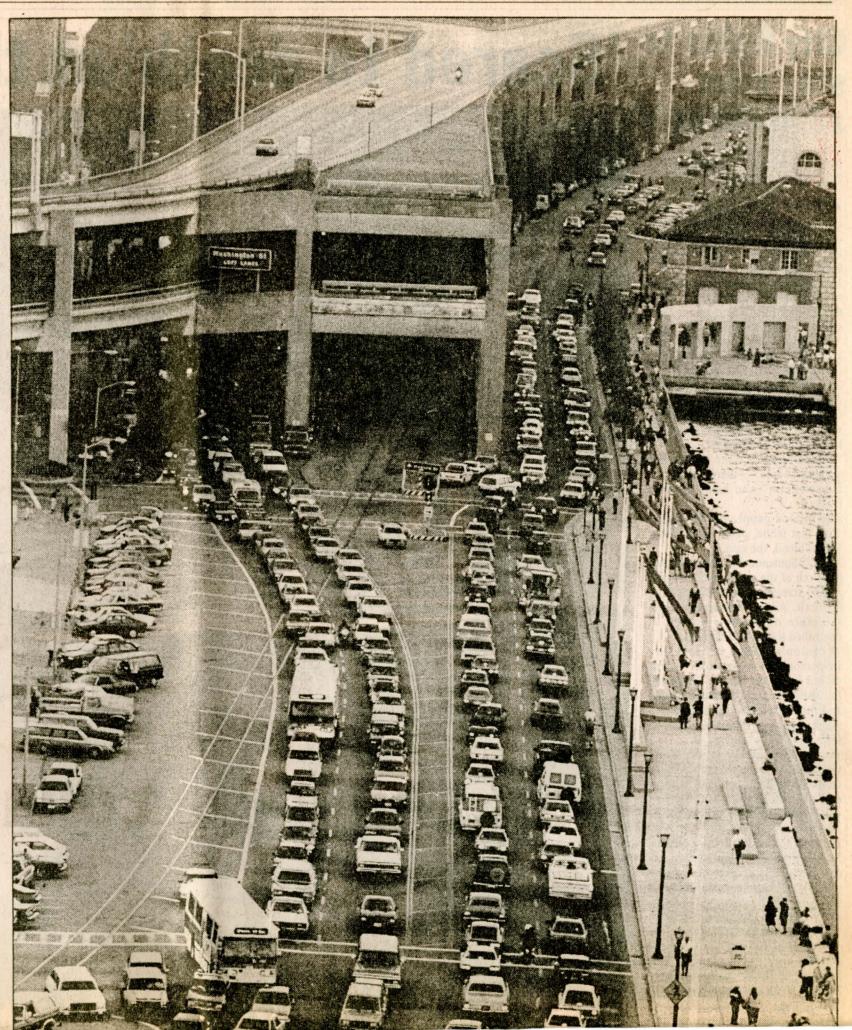
Comparisons between Tuesday's shaker and the big one of '06 are difficult to make because of complex geophysical reasons.

Technically, the Tuesday quake had an "amplitude of ground motion" that was 1/10th of '06, McEvilly

But, he cautioned, that doesn't necessarily mean that if '06 repeated itself you'd feel a quake 10 times as intense, or that 10 times as much of the Oakland-Bay Bridge would be knocked into the Bay.

When the scientists weren't fielding media calls, they studied seismic data from the aftershocks. There were hundreds of them by late evening, they said. Three exceeded magnitude 4.5 — a 4.8 at 5:25 p.m., a 4.5 at 5:30 p.m., and a 5.2 at 5:41

The quake's epicenter was along the San Andreas Fault about 20 miles south of San Jose and about 10 miles northeast of Santa Cruz, Uhrhammer



MORSE



Weird night at 'only open' eatery

It is 9:55 p.m. Tuesday, five hours after the Pretty Big One, and I'm at the only restaurant open in San Francisco. That's what KCBS had said, drawing a whole new crowd to the tiny Vietnam Restaurant on Broadway near the heart of a shockingly dark North Beach. usually the restaurant serves an all-Vietnamese crowd, but the post-quake crowd didn't know the difference between pho fai nam and cha gio. A guy came in and said, "What do you have? Give me four of whatever you have."

While a bunch of us at the counter tried to figure out the menu and discuss where-were-you-when, two yuppie couples breezed in drinking full bottles of Veuve Cliquot champagne.

One of the women surveyed the mad scene at the counter of the only restaurant open in San Francisco and said, "Oh, good, after this we can go looting."

My counter companions, Louise Model and David Heitel, took their beef special noodle soup, and headed off into the dark to wherever it was they couldn't cook. Meanwhile, the owner of the best restaurant in San Francisco for the day who didn't speak enough English to answer my questions, was violently throwing out a derelict and shouting, "You get out of here!" The best restaurant in San Francisco has to have standards, even if it is only for a day.

The quake lasted only 10 seconds, 30 seconds or a half hour, depending on your nervous system or how high up you were. The quake was a 7.0 on the Richter scale. The human reaction was a 10.0 on any scale you want.

Where I live, at the far end of Noe Valley, a neighborhood street party developed as people went to their cars to listen to the radios. but soon there was weirdness in the air, not to mention smoke over Berkeley. Cars sped by too fast and tough kids carrying six packs nonchalantly scoped the houses.

By nightfall, normally quiet Church Street looked like fraternity row, with a beer in every right hand. Maybe everyone would take a quake more seriously if it were a little bigger, and destroyed the beer supply.

Market Street belonged to les miserables, and not the play. Some drunks staggered across the street harassing drivers. More civic-minded indigents directed traffic. Combine the 1965 East Coast blackout with "Blade Runner," and you have the scene.

In other parts of town there was unbelievable heroism, and not far away there was unbelievable tragedy. In my part of town, there was a party, quite a bit of vandalism and an earth-shaken World Series. It's amazing how many different things an earthquake can do.

The only thing that everyone got out of the Pretty Big One is a very real sense of how unprepared we are for the Big One. On the streets Tuesday night, people looked lustfully at my flashlight, and I am not speaking metaphorically.

At about 11 p.m. I was drawn to the Ferry Building with its newly skewed flagpole and the knots of people going to and fro. Around the side of the building a meandering line of about 2,000 people waited for ferries to take them to Oakland. The only thing missing was "Nearer



EXAMINER/CRAIG LEE

Traffic was stopped cold on the Embarcadero while the Freeway, above, was virtually deserted after the quake.

My God To Thee."

It was an American camraderie. When a newsman set up to do his monologue in front of the crowd, several hearties shouted, "KPIX sucks!" Others shouted, "Go, Giants!" All over town the most frequent question asked reporters was when the Giants would play again. Priorities.

Three young Chevron employees waiting for the boat said everything was working efficiently. Skip Barger, Charles Pastor and Karen Leeburg said they waited only

15 minutes. What had they been doing since the quake? Barger and Pastor had taken a long walk. Barger said, "North Beach was just like North Beach only without lights." (This was clearly before I got to the Vietnam Restaurant.) "Even the porno shop was open," said Pastor. "People were in there with matches reading books."

One lesson from these three young people. While I was trying to write in the dark, Leeburg pulled out a glowing "light stick" that had been provided by Chevron. She said the company had lockers of emergency supplies all over the building. They had emergency lights and hand-crank radios. There were floor wardens and people were detailed to see if everyone was all right. Compare that to the company you work for. Ironically, the Chevron trio all worked for the division of the company that

designs its office space. Barger said, "After the quake the old-timers who had designed the building came around and said, 'Hey, this building is holding up. "As if their theories had worked in reality."

It's too bad everyone's theories didn't work in reality.



Traffic was stopped cold on the Embarcadero while the Freeway, above, was virtually deserted after the quake.

stay calm amid chaos

By Lance Williams and John Jacobs Of The Examiner staff

At 5:04 p.m. Tuesday, San Francisco's second great earthquake of the 20th Century exploded along the San Andreas fault. Here are some scenes from The City:

Jean McCleery of Los Angeles was in a gallery on Union Square when the temblor hit. "There was a halfsecond warning shake," she said. "And then I realized what was happening." McCleery and four other patrons huddled in the doorway as statuary crashed to the floor and the windows burst.

Outside, on the square, the streets were littered with broken glass that had fallen on pedestrians.

"The paramedics came and started treating people - there was blood everywhere," she said. "It was

The injured people on the square "had that white, pasty look," from loss of blood, she said.

At 500 Sansome St., the windows blew out of the upper floors. People rushed screaming and sobbing from one exit. Around the corner, from the main door, they walked in controlled shock, half-smiling.

"I couldn't believe it," said Fire Inspector Sonny Armada. "I was parked in my car next to the station (at Washington and Sansome streets) and they just rushed past and into the station — as though it would be safer there."

Two blocks away, at the Sung Quong Fat Co., the counter clerk cranked the hand-operated register and sold more than 20 boxes of votive candles in 15 minutes after the quake.

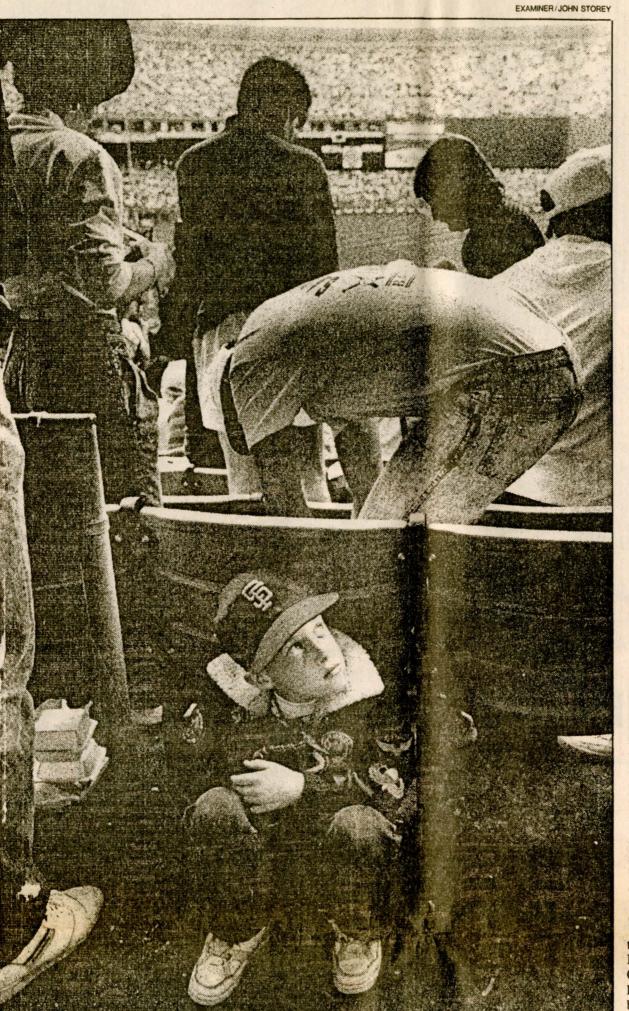
At Montgomery and Clay streets, Muni driver Eskandar Khajenoori calmly directed traffic. "I'm doing what I can," he said, gesturing to his powerless electric bus.

Betty Hyatt, an insurance agent with ISU insurance Service, was on the 17th floor of 100 Pine St. when she felt the building shake. She was furious that the building managers had kicked all the employees out of the building.

"We were shoved out onto the street," said Hyatt, four hours later still hoping for a ride to her home in the East Bay.

"That goes against everything we tell our clients to do in emergencies. We tell them to stock their offices

City fights to 'Scared to death' at the 'Stick



By Burr Snider, Andrew Ross and Craig Marine Of The Examiner staff

The stadium clock read 5:05 and pre-game World Series ceremonies were just commencing when the rods."

quake hit Candlestick Park. It began with a low rumble that sounded as though thousands were stomping their feet to greet the players' entry onto the field.

Then the vibrations intensified and suddenly the huge canopy overhanding the upper deck began to ripple. The light towers swayed back and forth like straws in the wind and the right field foul pole whipped like the tip of a fishing rod. Chunks of dirt and concrete showered down on those sitting beneath the upper deck.

A stunned hush fell over the crowd of 62,000.

For about 30 seconds, the stadium shook wildly until the shocks subsided. A great roar erupted from the crowd.

"All I could imagine was falling in a big pit," said Kim Moe, who was seated high in the top deck behind home plate.

"I thought it was an airplane, then I saw all the windows shaking in the press box," said Darold Cox, of Castro Valley. "I've never been grabbed so hard as by the people on both sides of me."

"I was scared to death." said Ruth Dewson. "I thought we were going to die."

On the field, players stood as if dazed. "I got real dizzy and sick," said Oakland star Jose Canseco. "It was the strangest feeling. I thought it was one of my migraines coming

address system directed fans to move to lower levels of the stadium. Some, though, were confused by the announcement, unsure if an evacuation had been ordered. Most stayed in their seats. A few moments later, all power went out.

There were isolated instances of panic as a few fans began moving towards the exits. Nervous laughter broke out in a great collective emotional release as people realized they had survived a major earthquake.

but for many, the moment was terrifiying. "It was the most helpless I've ever been," said Dallas Hall of Oakland. "I've lived here my whole life and I've never felt anything so

bad as that." The worst et

about three feet before it closed back up," said an Examiner reporter at the game. "On the stairs leading up to Section 53 chunks broke away exposing two to three feet of steel

The crease was an expansion joint built specifically to handle seismic stress, explained Gene Huddleson, an engineer in the crowd.

"It was the normal reaction for a structure of this type," Huddleson added. "The expansion joint is designed to take up the shock and keep the structure from falling."

Two fans suffered heart attacks, stadium management reported. They were taken to area hospitals but their identities and condition were not immediately known. A woman who was struck by falling debris was also treated. An hour after the quake with all lights and power systems down, a police squad car rolled to home plate and over its loud speaker came the announcement that the game had been postponed.

Team officials and city representatives huddled in the Giants bullpen to begin working out a strategy for assessing damage to Candlestick.

The stadium is currently undergoing an 18-month program to improve seismic safety.

"We will finish this series," Baseball Commissioner Fay Vincent confidently predicted, but he gave no details as to when and where.

In the darkened parking lots outside the park where a vigil-like atmosphere prevailed, people crowded in anxious clumps around portable radios and TV's to get news of the devastation. Hundreds lined Within minutes, the public up to use telephones and the one remaining souvenir stand in operation did a brisk business selling World Series - and now earthquake

memorabilia.

A mobile post office was also doing big business selling cards postmarked from Candlestick.

"It's a historic moment," said Sharon Altarone, of the East Bay. "I'm sending a p[ost card to let my uncle in Chicago know I was here when this happened."

"Everybody was really nice and calm when going out," said Officer Tom Murphy, directing traffic on an access road north of Candlestick.

"When it happened, the street buckled and almost knocked me down into a lance of traffic, but people stopped and asked if I was all

still hoping for a ride to her home in the East Bay.

"That goes against everything we tell our clients to do in emergencies. We tell them to stock their offices with food and supplies. We had food and bathrooms and water and couches to sleep on and telephones that worked to call home with.

"But the building managers . . . allowed no one else in the building. They were protecting the building against theft and vandalism, but they turned us onto the street with no place to go."

Hank Herman had just gotten aboard a train at the jam-packed Embarcadero BART station when his car was seized with "a very violent up -and-down rolling motion ... a whiplash feeling.

"Everybody in the car was stunned," he said. Herman joined the crowd leaving the train. Then the station went dark. He made his way upstairs to Market Street, where masonry and broken glass littered the sidewalk and the air was filled with dust.

Four hours later, Herman was still trying to figure out how to get home to Walnut Creek.

Andre Hill of Oakland was in the Embarcadero station, too. At first, he thought he was the only person shaking - as though he was having some terrible seizure.

"I thought the problem was me," he said. People were stunned when they realized an earthquake had hit. "I know I was stunned."

In the Embarcadero BART station beneath Market Street, the temblor those buildings as I could get." thought it was fun. They announced "swaying a hell of a lot." you could leave the station and I "The scariest thing was, you didn't



Young boy huddles behind a seat at Candlestick Park following the onset of the earthquake.

BART."

Then they were forced to evacuate. Jami Jamison, 71, had come over to San Francisco from Concord to see the Galanos designer collection at I. Magnin. She had wandered over to the fur collection when the quake

"It was tremendous," she said. "Four furriers and I were put in the fur vault with the furs. When I got out to the street, the glass had shattered on Stockton and Geary streets. I have never seen such looks on peoples faces - they were terrorized."

Kathryn Rogers of Florence, S.C., had just finished shoveling the debris from Hurricane Hugo when her brother-in-law invited her on a business trip to The City. The quake was far more terrifying than the

"This was horrifying for me," she said. "The whole (Hyatt) was just rocking - lamps were falling, plaster was falling off the walls." Rogers walked downstairs and spent the rest of the evening on a bench in Justin Herman Plaza — "as far from

"was just like rubber - everyone John Best of Alamo was in his office was bouncing around," said Sandra on the 35th floor of the Telesis Whitacre of Richmond. "I sort of Tower when the building began

intense, or if 10 or 15 seconds into it that was it.

"You'd think, 'This I can handle, but I can't handle any worse.' And the rhythmic motion continued . . . kind of like you were in the top of a tree, swaying back and forth."

Al Falk arrived at the Cost Plus on Fisherman's Wharf minutes after the quake. "It looked like Hiroshima," he said. "Windows were broken out of the wine shop, bottles were broken, wine and liquor was pouring out the doors. It looked like pictures

"It took an hour and a half to drive back to the Castro because all the stop lights were out."

Rick Stacey, 35, a librarian at UC-Berkeley, was at home in the Castro when the building began shaking.

Before he ran outside, his upstairs neighbor threw her arms around him and said "I love you."

Stacey was one of several dozen men at 19th and Castro streets at 10 p.m. Tuesday night. They were all gathered around a tiny television set reported that more than 200 people had died.

By 9:30 p.m., Michael Perry, a 25year-old unemployed truck driver, had been moving traffic and protecting pedestrians at the corner of Fillmore and Golden Gate for

thought, 'Oh good, I'll get a seat on know if it was going to get more four hours. "Yeah, I'm tired," he admitted. "But I just thought as a patriotic citizen I'd come out here and direct traffic so a lot of innocent people wouldn't get run over."

No one wanted to be alone.

As many as 50 people gathered around a small battery-operated Sony TV perched on a car at the corner of Fillmore and Washington streets to watch the news. Down the street at J.J.'s, young men crowded up to the candlelit bar and dozens more spilled into the streets, clinking ice cubes, laughing quietly.

When something like this happens, people want to go out and celebrate," said owner Jeffrey Prow. 'It's a tragedy, but we're offering people a little organization, a little company, in the midst of chaos. Nobody wants to be sitting home alone with a candle, wondering. We've had a couple of instances of people getting hysterical, so we just give them a cocktail, not to get them drunk, but to offer a little relaxation."

"When I realized I'd lived through it, I decided it would be nice to have some company," said Mark Ewing, assistant manager of the Vogue theater, sipping white wine at what looked like a block-long cocktail party between Sacramento and Clay streets on Fillmore Street.

terrifiying. "It was the most helpless I've ever been," said Dallas Hall of Oakland. "I've lived here my whole life and I've never felt anything so bad as that."

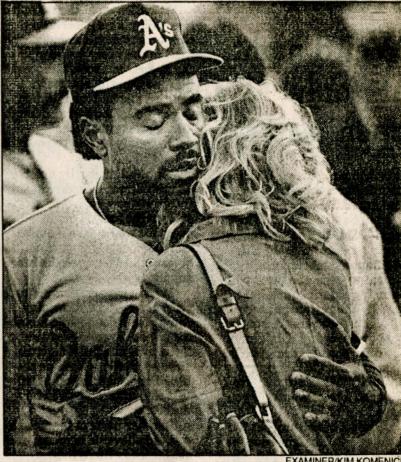
The worst structural damage was sustained in Candlestick's upper deck where witnesses reported concrete chunks the size of typewriters falling from the overhanging.

"I saw the overhang split on a crease and one side went down as the other went up, leaving a gap of Tom Murphy, directing traffic on an access road north of Candlestick.

"When it happened, the street buckled and almost knocked me down into a lance of traffic, but people stopped and asked if I was all right. There was just general calm and cooperation, no panic. The people leaving the ballpark were really pulling together. "

Edvins Beitiks,

Steven A. Chin and Lance Williams of The Examiner staff contributed to



Oakland A's second baseman Tony Philips hugs his wife after the earthquake hit Candlestick.

Skyscrapers nearly unscathed

By Gerald D. Adams, Diana Walsh and Richard Paoli

San Francisco's highrise Big Shake of Tuesday better than many of its so-called lowrises.

Planning Director Dean Macris said he heard of no significant damage to The City's skyscrapers.

The most severe damage occurred at the nine-story I Magnin specialty store on Union Square, where windows popped out at every upper level, shattering as they hit the

ground. No injuries to passers-by were reported.

A stalled elevator in the 30-story buildings apparently withstood the Parc 55 Hotel (formerly known as the Ramada Renaissance) moved one for some 45 minutes before passenger to distress.

"That thing was violently rocking back and forth," said Roy Fedotoff of Pleasant Hill, who was attending an engineers' convention in The

(An engineers' dinner for 400 was canceled; it was to have been held in the Carnelian Room at the top of the

Bank of America tower. Electrical failure rather than structural harm caused the cancellation.)

Fedotoff remained in the elevator workmen pried the doors open.

At the 40-story twin-spired 345 California tower, a firefighter was forced to climb 30 floors to turn off a water sprinkler. It broke after a shelf fell, causing a flood that drenched law books in the Morrison-Foerster law offices.

The exhausted firefighter, who

also had to rescue a woman who had structural engineer Ephraim G. collapsed in shock, was Don Hirsch explained, is that "the Frediani of Station 1.

Swaying of the 35-story Two Embarcadero Center tower gave tenant Greg Dalik something of a

"It was kind of neat being in this building," he said, "other than that it scared the crap out of you."

The reason that highrises fared well in the temblor, prominent

structures are designed to flex and absorb energy by displacement."

"Their steel frameworks are designed to bend, one hopes not beyond the point of permanent distortion," he said.

The top of the Bank of America tower could sway as much as 40 inches in a major quake, Hirsch said, adding "and that's OK . . . so long as it comes back."

PG&E works to correct outage

Some areas kept dark for fear of gas explosions

By Carl Irving Of The Examiner staff

PG&E crews labored through the night to restore power after Tuesday's quake knocked out electricity supplies for an estimated 500,000 to 1,000,000 customers, including all of San Francisco.

"Most of the damage is power lines - they're literally down all over the place," said utility spokesman Frank Thorsberg. The outage was one of the biggest in California history.

Affected were all of San Francisco and San Mateo counties, and parts of Marin, Alameda and Contra Costa counties. The shockwaves knocked out three power substations on the Peninsula, the main conduits for San Francisco's electricty.

At the same time, PG&E had to shut off natural gas supplies for the Marina District, north of Lombard Street, after numerous small feeder lines had burst. A strong smell of gas pervaded the Marina area, and the broken lines buckled sidewalks. PG&E delayed restoring electricity continued to operate normally there for fear of setting off fires.

Fire was the major cause of destruction in San Francisco after contributed to this report. the great quake of 1906.

While adequate power supplies remained on hand for the transit system on that side of the Bay, Malinowski said BART's operations through The City depended on restoring power transmission from the Peninsula. The first portions of San Francisco to regain power were areas south of Lincoln

Avenue about 41/2 hours after the quake struck at 5:04 p.m. Tuesday. Electricity was restored next in most of the Mission District.

A crucial repair effort involved the Martin substation near the Cow Palace just off Geneva Avenue, near the San Francisco city line. The substation is the main power link into The City.

To the south, the utility lost one of seven units at its major fuel-fired power plant at Moss Landing on Monterey Bay. A major gas line burst in the city of Santa Cruz, near the quake's epicenter, according to utility spokeswoman Davin.

The Diablo Canyon nuclear power plant near San Luis Obispo

was unaffected by the quake, according to PG&E. One of the two units was already down and remained down. The second unit during and after the quake.

Examiner reporter VIcki Haddock

HOUSE SLIDES INTO STREET



In the Marina, a house at the corner of Scott and Northpoint shuddered and then fell into the street, a total loss, There were no reports of casualties inside.

Quick reaction by TV, radio

By Michael Dougan Examiner television critic

At 5:04 p.m. Tuesday, the local announcer on KQED Radio broke off the routine news report in mid-

sentence: "This is an earthquake, isn't it Jerry?" he said with no trace of panic. "A very severe earthquake."

No sooner had the words left his lips than KQED turned to static and the

Most radio stations and half of the television stations in the Bay Area were thrown off the air in the instant when people needed them most. Many returned quickly and provided an anxious audience with the

Some television stations, including 9, 44 and 54, left the air entirely. Channel 2 spent as much time dark as bright. Channel 4 remained in broadcast mode, but with limited power at the station, requiring anchors Emerald Yeh and Kevin Downtown San Francisco and a large portion of Oakland from the hills to the Bay were still without power in the early morning hours. PG&E spokeswoman Marilyn Davin said power would not be restored to the two areas until repair crews were sure there were no gas leaks.

me great quare or 1900.

Responding with rehearsed plans, PG&E headquarters called in crews from Eureka to Bakersfield, but electrical engineer Jim Malinowski said the focus was on San Francisco . The city uses nearly 1,000,000 kilowatts during peak consumption. PG &E president George Maneatis took personal charge in the control room at the utility headquarters near Market Street. One of the priorities for the utility was restoring power for BART, the sole remaining direct link between The City and the East

No mercy for looters

Examiner Staff Report

In the dark hours after the earthquake, only looting, muggings and burglaries were reported by police around the Bay Area. And San Francisco District Attorney Arlo Smith vowed Tuesday to show "no

mercy" toward looters.

In neighborhoods where the power outage left San Francisco streets pitch black, police responded

• A crowd of several dozen who were looting the Falletti's Market at Fulton Street and Masonic

Avenue.
looters scattered with loads of food
as squad cars roared into the

At Mission Street and South
Van Ness Avenue, another group of looters smashed open the front door of the Guitar Center and made off with an unknown number of musical

•In the Army Street Projects at 26th Street, a crowd of more than 10 gathered and were dispersed by

•Police reported at least 10 muggings in the projects, but made

no arrests.

Near Treat and 26th streets, the sidewalk was sprinkled with glass bashed out of parked cars. Vandals also damaged cars near the Moscone

"Not a lot we can do about it," said police Sgt. Lary Barsetti, as police tried to respond to an almost overwhelming number of burglar alarms, traffic problems and medical

emergencies.

In Los Gatos, people reported "a number of intoxicated people and some looting" in the downtown district where the quake leftshattered store windows, and broken water and

gas lines.

In Oakland there was reported looting on the west side of the city along Martin Luther King Jr. Way. Police also responded to a high number of burglar alarms in the area.

an anxious audience with the comfort and security that come from immediate, if not always accurate, information.

In the half-hour following the Great Quake of 1989, KCBS Radio extended its tentacles throughout the Bay Area, assembling a remarkable series of reports that, while often speculative (suggesting at one point that a UC-Berkeley library was ablaze), provided at least a verification of the experience for

It was a moment for the electronic communications medium to flex its muscles and service the community in a way that the print medium never can. The advantage to electronic communication is the immediate validation of a perceived communal phenomenon. But electronic communications require, by definition, electrons. Electrons were in short supply Tuesday night.

anchors Emerald Yeh and Kevin White to deliver their reports in semidarkness.

KGO-TV, Channel 7, emerged as the

TV station of record, whipping the

others hands-down. In depth of

coverage and quality of image.

kGO profited from its status as host channel of the aborted World Series game. Benefits included a cameraladen Goodyear blimp, primed to transmit live pictures of the Bay Bridge collapse and Marina District tire. But local reporter Leslie Brinkley, positioned across the bridge with a remote transmission band, was the ultimate asset. Her live coverage of the Bay Bridge and Oakland freeway tragedies was unbeatable.

KGO anchor Anna Chavez combined personal anecdotes with a gate-keeping, pole-greasing of an anchorperson in perfect panache.

as squad cars roared into the also damaged cars near the Moscone

Our shot in the dark: News by flashlight

Examiner staffers employ some old-fashioned ingenuity

By Andrew Ross Of the Examiner Staff

Wednesday's special 16-page edition of The Examiner was reported and produced with few modern conveniences and plenty of old-fashioned ingenuity.

With no electricity and only four phone lines, 60 reporters and editors produced their stories overnight on a bank of manual typewriters and portable laptop computers in a cramped conference room adjacent to the darkened, third-floor newsroom.

""It's astonishing to have a fullscale news operation with no electricity,"" said Examiner Executive Editor Larry Kramer. The conference room was dimly lit by hand-held flashlights and a single light bulb suspended from the ceiling and powered by an emergency

That same generator was used to help the photo staff develop and print dozens of rolls of film.

Both the Marin Independent Journal and the Oakland Tribune provided generous assistance, editors to use their offices to scan wire copy and make phone calls. The Associated Press photos and for our news pages.



allowing Examiner reporters and Weary reporters, editors, artists and support staff, some holding flashlights for fellow workers, put together the report on Tuesday's earthquake.

The Examiner also owes a debt of into its auxiliary power supply to stored into three desktop computers Independent Journal also provided gratitude to the Wells Fargo Bank typeset finished news copy. By 1 in its own newsroom. data processing center, our Fifth a.m., The Examiner was able to get a Once inside the computers, the reproduced several Examiner photos Street neighbor, which allowed the second generator working, allowing stories were spewed out on a laser paper to plug Macintosh computers some news stories to be entered and printer and pasted up. The completed

news pages were transmitted to the San Francisco Newspaper Agency's printing presses on Army Street and in Union City for production and distribution to our readers.

At KRON-TV, Channel 4, emphasis was on dragging Bay Bridge incident survivors into the studio to tell their stories.

KPIX-TV, Channel 5, while operating with full electronic facilities, always seemed to be chasing the story but never winning the chase. KPIX did present the best series of potentially life-saving earthquake tips in anticipation of a severe aftershock.

Soul-frying images abounded on all stations, including KOFY-TV. Channel 20, which has little more than a skeleton news staff.

The coverage at KOFY, where the power was also out, rarely amounted to more than a succession of official announcements. One bit of unedited videotape depicted a male corpse being pulled from rubble by hopeful rescue workers. In some sad, potent fashion, this summarized the entire evening's tragedy in about 45 seconds.

While the earthquake did have the historical effect of postponing Game 3 of the World Series, all stations avoided emphasizing that angle. Not until after 9 p.m., when other aspects had been exhausted, did we see taped reports from Candlestick unveiling the story of ballplayers who placed the game aside to fret over family and friends.

The plasticity of facts in an unfolding story made even the most redundant reportage worth watching. The Oakland freeway disaster illustrates that point. Within an hour of the quake, TV and radio stations were announcing that at least five, and possibly as many as eight, had died in the collapse of the elevated freeway. By 11 p.m., broadcast anchors were reading the same story in similar words, but now the death count was much higher. It was, for viewers, an unfolding horror, and that is the electronic experience.

'The heroes rushed in, real heroes'

By Bill Mandel and Jayne Garrison

The worst brought out the best in San Franciscans when the earthquake hit Tuesday afternoon.

"There were so many heroes," said a shaken Dianne Featherston as she sat in her bathrobe along Fillmore Street in the Marina Tuesday night. "My apartment is totalled, it's gone. But when I saw what people were doing for each other, it made me so proud."

Featherston, 50, and her husband Keith, 51, were settling in to watch the World Series on television in their apartment at 1842 Jefferson Street when the first tremors hit.

"Everything was falling down, everything was coming off the wall," she said. "We knew we had to get out of there fast. The building was collapsing."

Featherston, a nurse, raced out of her building to see several nearby apartment houses falling to the ground.

"I went over to help, even though I didn't really have anything to work with," she recalled. "The first woman I got to in the building at Scott and North Point streets had a broken hip. I just made sure she didn't move and waited for help to come."

"Young paramedics came running to the neighborhood, seemingly out of nowhere. There was a building that had collapsed at Scott and North

Point. You could hear people screaming from under the wreckage of their homes. Heroes rushed in, real heroes, and started pulling floors up, going through the rubble trying to reach the trapped ones and pull them to safety. I saw a lot of people escape that way."

personnel who rushed to the Marina, the hardest-hit neighborhood in The City, was Dr. Larry Clapp, a

Divisadero streets.

"There are no regular emergency procedures here," Clapp said as he nelped rig intravenous dextrose supplies. "We're just here, doing what can be done on the spur of the

Restaurant, one of the few places able to serve food after the power went off, opened an ad hoc soup kitchen. The owners passed plates of beans and tomatoes through the broken front windows to lines of hungry people gathered outside.

"Many people need food and there is nothing," said proprietor Delia Gurdron. She started serving at 6:30 p.m. and ran out of food at 10:30.

Heroes of a different type appeared

Among the medical and paramedic neurologist at nearby Letterman

Clapp joined the fight to save earthquake and fire victims at a makeshift medical command post a block from the big fire at Beach and

at intersections where stop lights On Chestnut Street, Los Hermanos vehicles flowing.

> At the intersection of 10th and Mission streets, cab driver John the trucker said. Jackson, 39, waved flares to direct

pulling together in a crisis. I just felt intersections near City Hall. the need to do something."

Jackson said passing motorists had (Hotel)," said Groves, wh were out. Volunteer traffic cops took handed him flares to keep working. tossed him a flashlight.

Heather Groves, a 36-year-old beat with his directional flare- Social Security, waved red flares for turning off people's gas lines. swinging. "New Yorkers are used to more than three hours at key

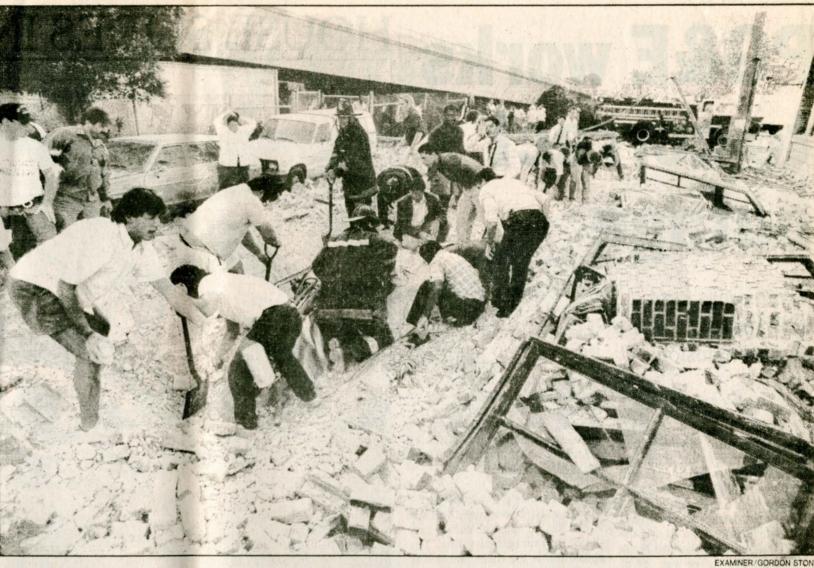
o was dressed in a ripped T-shirt, a holding his Siamese cat, Amiga, at their stations in various San A truck driver came by while long pink shirt and white tennis 11 p.m. Tuesday. Francisco neighborhoods to keep Jackson spoke to a reporter and shoes. "I came out and saw there were no cops around. I had to do "Keep up the good work, buddy!" something. We've got to pull reporter's notebook. "My cat here together."

In the Bayview District, off-duty woman with a hearing disability, San Francisco firefighter Curtis "I'm from Brooklyn. When it handled traffic at 9th and Market Givens, who had been at Candlestick snows back in New York, we get out streets. Groves, who said she is Park for the World Series game that and help," he said, never missing a mentally disabled and living on never happened, went door to door

> The damage was greatest in the Marina, as was the heroism, said "I live down at the Eldorado Jack Malin, of 1955 Jefferson Street,

who was walking down Jefferson

"I want to tell you about a really great guy," Malin said when he saw a was trapped inside the building when I ran out. I was just getting up the nerve to run back inside when this guy, Police Sgt. Dan O'Shea, told me to stand back, went in and got her. And he's allergic to cats! God bless



The damage in San Francisco was greatest and so was the heroism, as people worked feverishly to pry victims loose.

County-by-county quake roundup

Alameda hit hard:

waves from their swimming pools cascaded through their dining room living room.

Four buildings experienced partial

County-by-county quake roundup

Alameda hit hard: Marin nearly unscathed

By Vicki Haddock

OF THE EXAMINER STAFF

A look at the quake by Bay Area counties:

Alameda County

This county absorbed the biggest quake shock of the region in terms of deaths and injuries. The collapse of the Cypress Deck of I-880 and the obliteration of a 50-foot span of the Bay Bridge left Alameda County with preliminary fatality estimates of at least 100, with hundreds more injured.

Witnesses said pillars holding up the Cypress section snapped like matchsticks, and they worried that the rest of the section could give way in an aftershock.

Right now, said one observer, "It looks like a smushed sandwich."

The Are Deco architecture of downtown Oakland crumbled in the jolt, littering Broadway with broken glass, bricks and mortar. Streets were filled with ambulances rushing patients to nearby hospitals, which reported they needed no outside assistance.

Several offices were evacuated, including reportedly the AT&T building.

A fire in Berkeley gutted Hustead's Towing, while the UC Hotel at 1044 University Ave. suffered major



OAKLAND TRIBUNE

Rescue workers dig through the rubble of the I-880 Cypress deck in West Oakland, which collapsed in Tuesday's earthquake, trapping an undetermined number of motorists.

waves from their swimming pools cascaded through their dining room living room.

Four buildings experienced partial collapse, authorities said, citing the Bank of America highrise in San Jose, and the Pacific Restaurant.

One of the hardest hit areas, was the upscale, rural enclave of Los Gatos, where the problems of building cracks, power outages and burst pipes were compounded by reports of drunken, rabble rousers in the streets, who may have been looting.

And on the campus of Stanford University, witnesses watched horrified as cars became airborne, springing off the ground, as the earth convulsed underfoot.

Santa Cruz

One witness described this county as a shambles - "as if someone turned (the buildings) upside down."

Homes yanked off their foundations caved in or slid down the Santa Cruz mountains, and fire claimed other buildings.

The worst damage was Pacific Garden Mall, in downtown Santa Cruz, where at least three people were confirmed dead. One witness said the mall "looked like Mexico City" after that earthquake.

The Santa Cruz Coffee Roasting Company building also collapsed. Workers were believed to have been trapped inside.

Highway 17 remained closed in both

building.

A fire in Berkeley gutted Hustead's Towing, while the UC Hotel at 1044 University Ave. suffered major structural damage. But Berkeley reported no serious injuries.

There were numerous reports of looting in the county.

Lawrence Livermore National Laboratory came through with only superficial damage, according to spokesman Jeff Garberson. The only reported injury was a security guard who slipped on a staircase.

East Bay Municipal Utility District did a fly-over of dams and concluded all withstood the shake.

Contra Costa County

The suburban homes and ranches here endured the earthquake without major upset, according to area authorities. Only minor injuries were reported, including two people in Pleasant Hill, rushed to a local hospital after being hit by shards of glass from a Safeway on Oak Park Boulevard.

At Richmond's Unocal refinery, an estimated 800,000 gallons of supreme unleaded gasoline gushed from two tanks that cracked from the shaking, according to the Coast Guard.

Officials said the fuel was contained by a dike, an crews sprayed the Rescue workers dig through the rubble of the I-880 Cypress deck in West Oakland, which collapsed in Tuesday's earthquake, trapping an undetermined number of motorists.

gasoline with toam to prevent tire.

Few buildings experienced major damage, although Martinez police cordoned off a block on Marina Vista between Ferry and Estudillo streets after a brick facade wall at the antique store Asian Carpets tumbled down and the wall itself stood tenuously.

Most towns, including Walnut Creek and Concord, experienced virtual blackouts. But power was restored to many areas, within three hours. It would take residents a little longer to regain some sense of normalcy. Said one Martinez woman, who found her pool had flooded the backyard and remained a tempest of waves 10 minutes after the quake ended: "We're all gonna be feeling this one inside for a long, long time."

Marin County

More than any other Bay Area county, Marin County escaped almost unscathed from the quake. By midnight, San Rafael police reported receiving not a single complaint or report of injury — just plenty of callers asking whether they should turn off the gas or sandbag

THE STATE'S BIGGEST QUAKES

YEAR	LOCATION	CASUALTIES	READING
1872	LONE PINE	27 DEAD	8.3 PLUS
1906	SAN FRANCISCO	500 DEAD	8.3
1925	SANTA BARBARA	14 DEAD	6.3
1933	LONG BEACH	102 DEAD	6.3
1940	IMPERIAL VALLEY	9 DEAD	6.7
1952	TEHACHAPI	12 DEAD	7.7
1969	SANTA ROSA	1 DEAD	5.6
1971	SAN FERNANDO VALLEY	65 DEAD	6.4
1979	EL CENTRO	100 HURT	6.5
1980	MAMMOTH LAKES	2 HURT	6.5
1980	ANZA-IMPERIAL VALLEY	0 CASUALTIES	6.5
1981	IMPERIAL VALLEY	0 CASUALTIES	5.7
1983	COALINGA	47 HURT	6.7

for possible tidal wave.

Fire crews fielded calls about possible propane leaks, but nothing major showed up. The Golden Gate and Richmond-San Rafael bridges were open.

Portions of southern Marin were temporarily without power. Perhaps the worst of Marin's damage came at the Safeway at Ygnacio Boulevard

in Novato, when eight-foot lighting fixtures toppled. There were no injuries an in fact shortly after the quake, produce clerk Pat Eskew, was already waxing philosophical about life, death and — what elese? — baseball.

"We finally got a Bay Bridge series," he said. "And they knock out the bridge." San Benito

Here, near the epicenter of the quake, this county confronted a collapsed bridge that shut down Highway 101, dozens of buildings down, houses damaged in Gilroy, water and sewage lines cut off in Holister, the collapse of the roof on a J.C. Penney store, fires and gas leaks.

This county was perhaps the first to declare itself in a total state of emergency.

Santa Clara

At least three people died here as a result of the quake — one man the victim of an apparent heart attack. Another 100 were injured, and patients at Palo Alto's V.A. Hospital, were evacuated elsewhere, because of structural damage.

Road crews were investigating a reported four-inch crack on a ramp of I-280 in Los Altos and it was possible the road could be closed or at least detoured there. It was also in Palo Alto that residents John and Cathy Buurma watched as eight-foot

Workers were believed to have been trapped inside.

Highway 17 remained closed in both directions and Highway 1 was closed southbound.

San Mateo

More than 100 people were treated for earthquake-related injuries at county hospitals, but there were no reported fatalities.

The Amfac Hotel in Burlingame, sustained a partial collapse, that required the evacuation of all guests, according to authorities. Seven people were injured.

In Half Moon Bay, the roof caved in at a shopping center, with Safeway and Long's Drug Stores, but in what one police officer called "a miracle," there were no serious injuries.

The jolt apparently also helped cause a hazardous materials spill of cyanide at 990 O'Brien in East Palo Alto. A block was evacuated but authorities reported the danger was cleared by 9:30 p.m.

By early Wednesday morning, large parts of the county remained without power and many schools and offices were staying closed, but both the San Mateo and Dumbarton bridges were operating.





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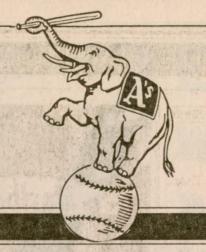
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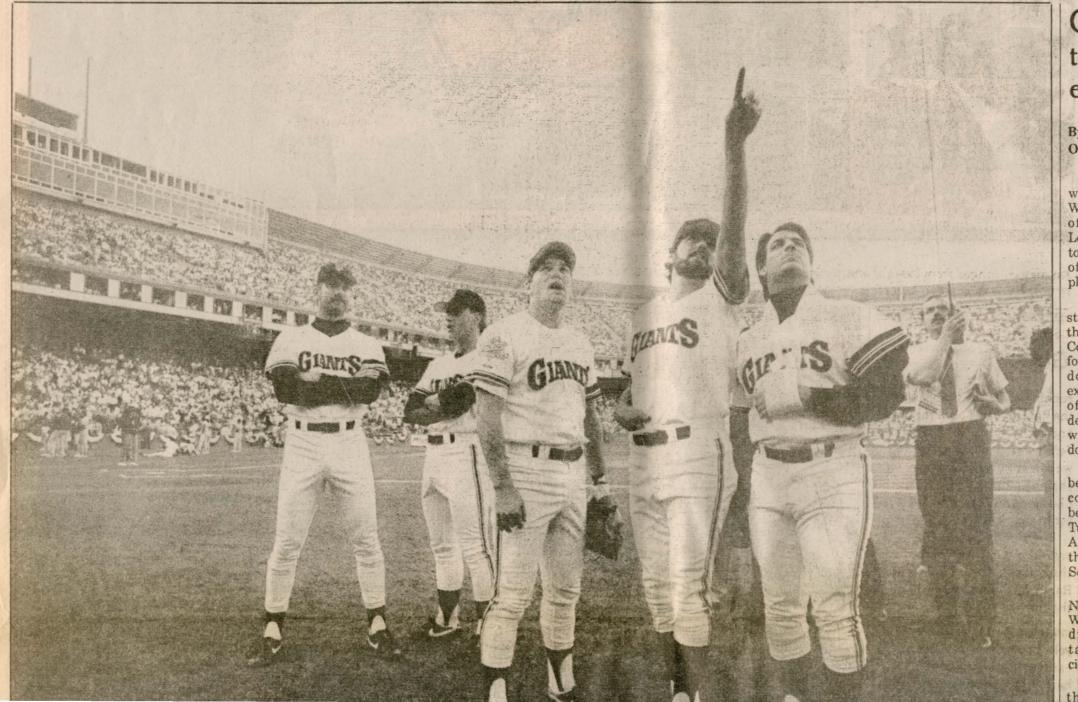
Mary Frances Johnson and her son Jordan, 2, of Oakland, sleep outdoors in a park on Turk Street, top. They were visiting friends in The City when the big quake hit. Above, a woman reacts to the violent death of a man at Oak and Pierce streets in Oakland, where police responded to several stabbing and shooting calls. At left, nervous guests at the Fairmont Hotel pass time in the lobby.



STATES BAY



Game 3 put on hold



Candlestick to undergo examination

By John Hillyer Of The Examiner Staff

Candlestick Park's structure was to be inspected for safety Wednesday by representatives of The City, PG&E, Major League Baseball and the Giants to determine when or if Game 3 of the World Series would be played there.

"There's going to be a full structural engineering check of the entire stadium," said Jorge Costa, the Giants' vice president for stadium operations. "We will do an in-depth structural examination of of every section of the ballpark. The determination of what we'll do will be made as soon as we can do that examination."

It was considered doubtful at best, in any case, that a game could be held at Candlestick before Thursday in the wake of Tuesday's earthquake damage. And there was talk of moving the San Francisco portion of the Series out of town.

"That's a possibility," said National League president Bill White. "There's been some discussion of that. They're talking about warm-weather

"I think there is something in the rules covering alternate



Giarts pitcher Steve Bedrosian points to the stadium as Kirt Manwaring, left, and Dave Dravecky look on after the earthquake hit Candlestick Park.

JOAN



A day and still

The afternoon was so hot. No breeze, no clouds. "Candlestick weather," everyone joked.

"A day like this, so hot and still, my mother would get the rosary, "Bill Rigney, former Giants manager and now an A's executive, would say later. Rigney's parents survived the 1906 earthquake here.

A half hour before game time, people were settling in their seats filling in the lineups on their scorecards. Down on the field, when several Giants players appeared to run sprints, a cheer went up. The boys had come home. They were down, 2-0, in the Series, but now they were home. This would be the night the Series would turn around.

When the quake hit at 5:05. shaking the seats, rippling through the grass outfield like an ocean wave, there was no panic. That was the strange thing. No stampede to the exits. No screaming. People waited the 30 or so seconds for the

See Ryan A-15

Giants and A's shaken

Players raced out onto field

By Casey Tefertiller Of The Examiner Staff

As reports of the earthquake arrived at Candlestick Park, Giants catcher Terry Kennedy looked at the remnants of the World Series pageantry and said, "And people say this is important."

What a few minutes earlier had been the biggest event in the lives of many of the Giants' players and fans suddenly grew trivial at 5:04 Tuesday afternoon when the stadium began shaking under the strain of the largest earthquake to hit San Francisco since majorleague baseball came to the West Coast in 1958.

The first World Series game to be played in San Francisco since 1962 was rolled away half an hour before it was to begin. Most of the Giants were just happy to escape.

As the quake began, most of the players raced onto the field, to be joined by wives and family members a few minutes later.

"I was standing at the corner of the dugout," Kennedy said. "I felt it. The dugout was swinging one way and the ground was going the other. I saw the signs on the scoreboard really shaking."

Pitcher Mike LaCoss grew up in Visalia and knows about earthquakes. He recognized it right away.

"Jeff Brantley and I were See Giants A-15

Baseball suddenly not so big

By Frank Blackman Of The Examiner Staff

Sandy Alderson was not sure what was going to happen next. He was only certain of one

"This Series has gone from mundane to memorable," the A's general manager said.

For all the wrong reasons. "There are bigger problems in

the Bay Area than baseball right now," Alderson said.

When the quake hit a little after 5 p.m. Tuesday, one of the side effects was that it prevented Game 3 of the World Series from being played at Candlestick Park. The A's, ahead 2-0 in the best-of-seven

series, suddenly discovered their concerns were greater that just finding a way to defeat the Giants two more times.

Pitcher Storm Davis still was in the clubhouse when everything started shaking.

"At first I thought a delivery truck was going over the top, Davis said. "I thought that was what was shaking before. Then the next thing I knew the lights were out and there was dust everywhere. And I thought, 'I'm out of here.'

players already were hustling parking lot just a few feet outside the clubhouse.

an earthquake, you go outside,

in the clubhouse, too. Someone wondered if there was any

"I didn't see any damage at

the bay.

Some of the more experienced toward the door that led to a

"I'm from California," Dave Henderson said. "When there's

Trainer Barry Weinberg was

See A's A-15

the Coliseum," said A's traveling secretary Mickey Morabito, who rode the team bus back to the East Bay after Tuesday's postponement. "I heard some big panes of glass in the (Coliseum) Arena went out."

course, is the Oakland

Coliseum, where the first two games of the Series were played and where Games 6 and 7, if

necessary, were to be played.

There was some question about the condition of the Coliseum.

Morabito said the A's bus took 2 hours, 40 minutes to get back because of closed bridges. It went around the south end of

Morabito said A's players were told to "hang loose" for instructions on what to do Wednesday. Giants players, meanwhile, were told to report to Candlestick as if there would be a game.

Commissioner Fay Vincent made the decision to postpone Tuesday's game at 5:40 p.m., about 35 minutes after the quake hit.

"I don't believe there's any great danger," Vincent said at the time, "but we have no idea when the power is going to be

See Series A-15

ABC crew keeps on talking

By Dwight Chapin Of The Examiner Staff

hit, ABC-TV's crew, which was just getting warmed up, kept on talking.

Analyst Tim McCarver was Game 2 of the World Series when Dave Parker's liner to nothing to cheer yet, "he said. right just missed leaving the park.

When Tuesday's earthquake around him, McCarver said, "I didn't know Parker hit the ball THAT hard."

Analyst Jim Palmer thought, at first, that the movement was describing film footage from fans stomping and cheering. cool. "Then I realized there was

Play-by-play man Al Michaels, who used to broadcast

Feeling the broadcast booth San Francisco Giants games in at Candlestick Park quivering the 1970s, knew the Earth wasn't moving because of Parker's clout or exuberant

> He sensed earthquake, but, true to form, he kept his on-air

"This," he said, "has got to be the greatest opening in the history of TV."

"Yeah, " said McCarver. "We lost its power, and the world

really opened with a bang."

Then the composure of vanished.

"I looked over at Al, " But I ended up on my knees."

In another blink or two, ABC

was without the World Series. And the guys in the booth Michaels, McCarver and Palmer turned into human beings rather than TV stars.

McCarver worried about the McCarver said, " and he was safety of his wife, Anne, and the ashen. Then it felt like Al's right others' wives. "Are they safe?" hand was gripping my left leg. I he asked. "Are they going to be don't know. Maybe it wasn't. safe?" Then, when somebody warned that aftershocks would

See ABC A-15

BAY'S BALL: GIANTS, A'S IN THE WORLD SERIES

Cont. from Ryan A-14

RYAN

quake to finish its run. Then. amazingly, a roar of

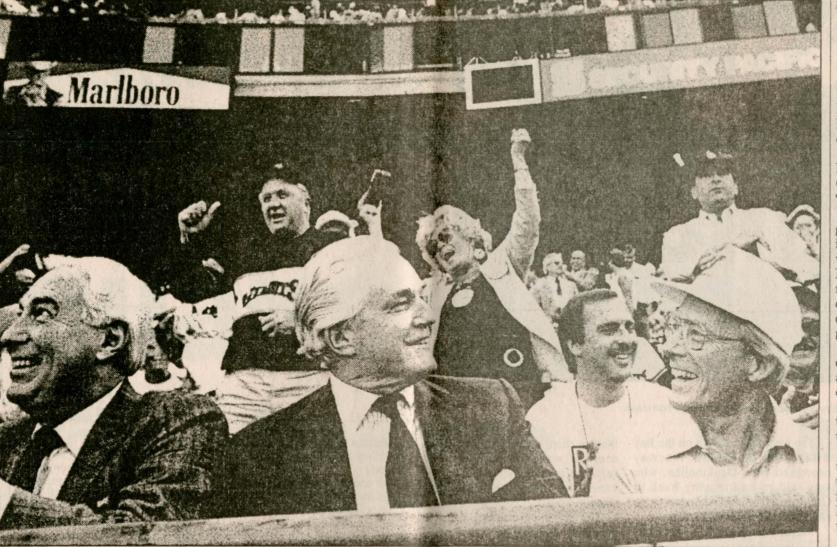
voices went up. A cheer.

"It sounded like someone had just hit a triple," said restaurant owner Perry Butler. who had been waiting for an elevator underneath the stadium.

The scoreboard went blank. The TV monitors went out. Players poured out of the clubhouse and onto the field. I was in the upper deck, about 15 rows from the top of the stadium. The calm with which the Candlestick fans absorbed the quake did not extend to me. Because before my own eyes, in the split seconds it takes for danger to register, I saw the upper deck where I stood collapsing. In fact, I waited for

I saw it like a movie, this concrete slab crumbling and burying all of us in some horrific crypt. I waited and when I looked onto the field, the players were looking up at us, also waiting.

Soon-and this was so amazing-the fans bega. chanting, "Let's play ball! Let's play ball!" The players by now had pulled their families out of the stands and thou stood in



EXAMINER JOHN STOREY

Fan reaction ranged from looks of amusement and bewilderment, front, to outright cheers, background, moments after the earthquake struck. Fans, in general, kept their composure.

ABC: Crew kept on talking

be coming, he worried about himself, asking if his headphones could cause an electrical shock.

Palmer stood off to the side. listening as some of the Candlestick fans began to shout. "Let's play ball!"

"You can't play a World Series game after an earthquake even if the park is OK. " he said. "It would be unfair to the players." Michaels didn't look up. The main man was still trying to communicate with the ABC command truck, to see if he was going back on the air.

A couple of minutes later, an engineer came into the booth and said, "That's it. The game's off. We're done."

"I'm going down to the truck to see if we can do anything there." Michaels said.

McCarver, his wife safely in tow, and Palmer followed. On the way down, MIchaels ran into Giants general manager Al Rosen and said, "Anything for the ratings, huh, Al?"

When the World Series power went off, ABC switched to a "Roseanne" episode. But, before long, Bay Area veteran Michaels, his composure play ball!" The players by now had pulled their families out of the stands, and they stood in little knots across the field. In the upper decks, we huddled around someone with a Sony Watchman who passed along the awful news.

The Bay Bridge had collapsed. Santa Cruz was leveled. The Marina was burning. Oakland was burning. When they told everyone to go home, we huddled together in the parking lot. We kept asking each other—complete strangers—the same questions we'd been asking since the quake hit.

Where were you sitting? Have you gotten through to your family? What have you heard?

There were lines at the pay phones, and long lines at the U.S. post office booth that, at large sporting events, sells postmark envelopes with the date and place. People wanted to prove they were here.

Most of the players had left by now. Someone said Giants manager Roger Craig had bolted for his four-wheel-drive truck, still in uniform, and drove from the park with seven people in the back.

We were stranded in this pocket of San Francisco, not able to get our cars out of the parking lot gridlock. The TV stations had their satellite trucks lined up outside the park, planning to cut into the 6 o'clock news with an update on the World Series. Now they had become information centers. People stuck their heads in the doors as they passed by. What's happening? How are the highways?

Fan reaction ranged from looks of amusement and bewilderment, front, to outright cheers, background, moments after the earthquake struck. Fans, in general, kept their composure.

Cont. from Giants A-14

GIANTS

running down the tunnel when the lights started blinking on and off," La Coss said. "I told Jeff it was an earthquake, and we ran out while the tunnel was shaking all around us. It felt like I'd had 30 beers or something."

process of moving from the clubhouse to the field. Pitcher Randy McCament was still in the clubhouse, talking to manager Roger Craig. "Roger yelled out right away, 'It's an earthquake, let's get out of here,' "McCament said. They ran into the players' parking lot

behind the clubhouse.

The players were in the

Scheduled starting pitcher
Don Robinson was putting on
his knee brace in the clubhouse.
"When I felt it start shaking, I
went into Roger's office and laid
down on the floor. I think I was
the only player left in the
clubhouse. They were going to
do introductions at 5:10, and
most of the players were in the
dugout. It was shaking like
water in a bowl."

General manager Al Rosen was in his private box talking with former 49ers coach Bill Walsh.

"I was talking about shaking



EXAMINER/ELIZABETH MANGELSDORF

This Giarts fan's sign told the whole story at Candlestick Park.

Cont. from A's A-14

A's

"I don't know," he said, grinning. "All I saw was the backs of their shirts. I couldn't ask them."

After the main shock ended, and the players realized they'd lived to play another game, there was immediate concern for their families. Henderson and a couple of other players hustled to their cars and used cellular phones to call home.

The A's who had their wives and children in the stands came out onto the field and began to peer up, searching for familiar faces.

"I was concerned because part of my family was here, but my wife and the rest of them hadn't gotten here yet," reliever Gene Nelson said. "When she got here, she didn't know where they were. So she got hysterical trying to find out where my son was

"Now we've got everyone together, and everything's all right."

When it became apparent how serious the quake had been, and that there was no way to play a game, the players began gesturing to their families to come down through the stands onto the field. The game plan now was to load everyone onto team buses and get as far away from Candlestick as fast as possible. There was no time for showers, or even changing out of

"Roseanne" episode. But, before long, Bay Area veteran Michaels, his composure restored, was back on the air, at least to most of the country, dispassionately surveying the damage as viewed from the Goodyear blimp.

ABC resumed its coverage through two standard generators outside Candlestick. "Basically, they were generators that are here for stadium use," said Mark Smith, ABC's senior technical manager. "Also, ESPN helped us quite a bit to get back on the air."

Smith said he had no idea of the earthquake's devastation from his vantage point. " I t didn't feel that bad down in our trailer," he said. "When we heard how severe it was, we just wanted to make sure our people were OK."

"A TV show is nothing compared to an earthquake," he said.

ABC Sports president Dennis Swanson, who was on the scene, agreed.

"Our major consideration was that no one appeared to be hurt, "he said. "You have to think about public safety first in something like this. The remaining schedule for the World Series and all that business will take care of itself.

"Nobody is going to know the answers out here until they assess the structural damages."

The broadcast crew was still trying to cope with the experience an hour or more later.

McCarver said this was his first earthquake. "And I hope it's the last. The thing I'll remember most is that, just happening? How are the highways?

Someone said the generators were working at the hospitality tent in the parking lot by center field. We headed there figuring a drink wouldn't be the worst idea. It turned out it was the Luries' VIP tent, which was set up for a pregame and postgame party. The Luries were there. Connie Lurie greeting people at the entrance, telling them to help themselves to food and drink. Pumpkin centerpieces sat on each table and strings of orange and black balloons stretched across the ceiling.

"You can stay at our house if you can't get home, " Connie told Rigney.

At one table, someone was recalling the great New York blackout and how disaster pulls people together. "The idea of being in danger pulls you close, "said New Yorker writer Roger Angell. "Everybody's mood changes. They're happy to be alive.'

We pulled out of Candlestick. We drove down Third, where they said there was rioting. And it was dark and quiet. We crossed the Lefty O'Doul Bridge . Everything was so dark and still. The bus blared its horn at every dark intersection. You could make out figures in the street, some holding candles.

It was still so hot. You couldn't believe it could be this hot at midnight. "Candlestick weather, " someone had joked. Could that have been just this afternoon?

Walsh.

"I was talking about shaking up the Giants' lineup and he was showing me a dive play." Rosen said. Rosen left his box and said he was eager for the game to begin, before knowing the extent of the damage.

The umpires were just about to leave their dressing room when the quake hit.

"I tried to be a big, tough guy, but I was really scared," said 300-pound-plus Eric Gregg. "I was trying to find a table to get under, but I couldn't fit."

Umpire Al Clark said he and the other officials began running into each other as they tried to escape the small room. "Immediately, I didn't know what it was. Then the realization hit it was an earthquake. Then the realization of a tremendous amount of fright and the realization I better get my tail out to right field."

The players were most concerned about wives and families. Kim Manwaring, wife of catcher Kirt, was on a freight elevator. "When the quake started. I thought it was just the elevator shaking. Then the doors popped open, and I went out and the shaking didn't stop."

Wendy Lefferts grew up in Southern California and is used to earthquakes. As with most Californians, her first response was a joke.

"I had no idea how bad it was, and I turned to the people around me and said, I just hope this shakes up the Oakland A's.'

This Giarts fan's sign told the whole story at Candlestick Park.

WHAT THEY'RE SAYING

By Edvins Beitiks Of The Examiner Staff

Here's how players and officials at Candlestick Park reacted to earthquake:

Knepper, standing with his wife and taking pictures: "There are 60,000 people here, but you know before long a few hundred thousand are going to say they were here."

Giants pitcher Mike Krukow: "It was unbelievable. When nature wants to make a point, it sure puts things in perspective pretty quick. I was on the field and you could see the backstop moving a good 15 feet. I don't know what it was like in the stands, but it almost knocked us down on the field."

Giants coach Dusty Baker: "I was in the clubhouse eating banana nut bread. The first thing I remember is what my 10-year-old daughter told me -'Daddy, if you're ever in an earthquake, stand in a doorway.' So I did. I told myself not to panic, and said a quick prayer." to find out what happened to my

There will be no alternate site can't."

(for the World Series). I forgot about the game the moment I felt it, but it didn't take me long to be thinking about the game Tuesday's again. I can see where people who have not experienced this Giants pitcher Bob before would be very frightened."

> A's equipment manager Frank Ciensczyk: "(Stan) Javier's eyes were wide open . . Once it was over, guys were saying, 'So that was the big one.' And then they couldn't stop talking about it. Everyone wanted to talk about it. We lost our police escort back to Oakland. They called all available police over to Oakland because of the earthquake."

Giants outfielder Brett Butler was with his wife, Eveline, her eyes red with tears. She apparently was caught in an elevator during the quake and was still rattled. Butler said, "I was out on the field running sprints, and after it hit I ran through the tunnel, trying Giants owner Bob Lurie: "I family. You want to joke, to say was coming out of the PR maybe the Good Lord is trying (public relations) office. I've felt to get us back in the Series, earthquakes before, but this trying to shake us up. But with was the worst I've ever felt. all the devastation you really

possible. There was no time for showers, or even changing out of uniforms.

While the buses were still being loaded, Henredson offered this critical assessment of what he had just been through.

"This was nothing compared to the Coalinga quake (in May 1983)," he said. "The whole city almost fell down."

Not all the A's players traveled on the team bus from the Oakland Coliseum. They, like many others in the big crowd, were wondering how to get back to the East Bay.

Tony Phillips was going to hitch a ride with Lance Blankenship. They carefully discussed the route they would take. There was one important stipulation.

"I ain't going over no bridges," Phillips said.

The team's owner. Walter Haas Jr., his wife and family. were seen leaving in a limousine almost immediately after it was announced the game had been canceled. But Alderson, the next highest member of the A's hierarchy, stayed behind. Inevitably, he was asked what would happen now.

"Good question," he said. "] don't know if there's any precedent for this."

He added, "I think what's going to happen is they'll have to check for structural damage. And we'll probably have to do that at our place. And, assuming everything checks out OK, we'll play relatively soon. But that's all speculation."

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it's the last. The thing I'll remember most is that, just before we went off the air, the overhead lights started flickering on and off.

"About that same time, I threw a line at Al and he didn't say anything back. That's when I REALLY got scared."

Cont. from A-14

SERIES: Game 3 is put on hold

on, and we have to get people out of here in an orderly fashion before it gets dark.

"There was a significant earthquake, and there is some damage around The City. . . . We'll play this game on another occasion, under better circumstances."

Vincent would not guess when that might be.

"We'll play tomorrow (Wednesday) if everything is well. We need to make judgments tomorow about tomorrow's conditions."

Vincent needed a few moments to compose himself. "I was standing here and shaking," he said, referring to his front-row seat in the VIP box just past the Giants' dugout. "I'm not good on my feet, anyway," he added, a reference to the fact he uses a cane to walk, "so I don't need earthquakes.

"It was quite an experience. I thought it was a jet or something."



EXAMINER/KIM KOMENICH

Mayor Agnos and Lt. Gov. Leo McCarthy tour quake-ravaged San Francisco.

[QUAKE, from A-1]

estimated to have hit 8.3 on the Richter Scale, which would be equal to the energy released in 32 quakes

Tuesday's earthquake was nonetheless so punishing that sheets of window glass and concrete pelted downtown sidewalks, filing cabinets toppled and ceiling tiles fell.

Examiner reporter Malcolm Glover was clutching a door jamb when he glanced to the east from the Hall of Justice press room and saw a wall of bricks topple from an office building at 175 Bluxome St. The bricks smashed into cars below, killing six people and injuring several others.

The Marina District, where apartment buildings and homes also sit on cushions of Bay mud, was so badly shaken that Agnos said two square blocks will probably be razed. Three people died when an apartment building, knocked from its foundations at Beach and Divisadero streets, exploded into a ball of fire.

As of dawn, the confirmed deaths were nine in San Francisco, eight in Santa Cruz County, the motorist killed on the Bay Bridge and the 253 victims on the Nimitz. Several emergency workers speculated that the eventual total would be much higher.

In Santa Cruz, two people died when the top floor of the Pacific Garden Mall collapsed. Four others were believed buried in the debris Three other people died elsewhere ir the county.

More than 20 homes burned to the ground and 40 buildings were badly damaged, according to officials in Santa Cruz.

In Los Gatos, lab technician Penny Alden was preparing to go horseback riding.

""I had to hang on to the tree for survival,"" she said. ""I watched my horse being thrown against the trees.'

The 1906 earthquake, which killed an estimated 700 people, touched off about 30 fires that merged into conflagrations that wiped out 500 city blocks. The 1957 earthquake of 5.7 with its epicenter off the Daly City coastline, caused relatively little damage.

Electric power was shut off within moments of Tuesday's quake, prompting baseball commissioner Fay Vincent to cancel the baseball game and send the 62,000 fans home during the remaining hour of sunlight on a day that had been unusually warm for mid-October.

The roadway disasters on the Bay Bridge and the Nimitz Freeway prompted Gov. Deukmejian, who was said to be hurrying back to California from West Germany, to call for an official investigation.

Mayor Agnos said U.S. Secretary of Transportation Samuel Skinner, head of the nation's federal highway system, was also planning an official inquiry.

Agnos said, ""We have damage in the millions of dollars, and it's going to be years before life gets back to normal.""

But he added, ""Considering the severity of the earthquake, we were very, very lucky.""

He toured evacuation centers and disaster scenes and boarded a government helicopter for an aerial view of the Marina fires.

After a preliminary check of the stadium, where workers strengthened the concrete in a restoration job completed in the past few weeks, Agnos said no major damage was immediately evident.

McCarthy, like Agnos and most of The City's officialdom, had been at the ballpark when pre-game activities turned into 30 seconds of terror. Cracks appeared in at least two upper-deck sections of the concrete

""The people of San Francisco have responded in a very inspiring way in this, "" said McCarthy, a former denizen of The City. ""On my way over here (to the State Building), I saw volunteer citizens get out of their cars to direct traffic. I've got to tell you that was an awesome sight.""

Elsewhere, police reported isolated incidents of looting and other incidents. Agnos banned liquor sales at about 8:30 p.m. throughout San Francisco. All firefighters, police officers, sheriff's deputies, district attorney's investigators and other law enforcement officers were called in.

At least 1,000 would-be air passengers were stuck most of the night at San Francisco International Airport, where the control tower was put out of action by shattered windows, falling ceiling tiles and a breakdown of computerized equipment. One air controller was injured. A baby was born in the lobby of the United Airlines

Most passengers were calm, said writer M.L. Stein as he tried to get back to Long Beach.

""There were a few who argued with the gate personnel,"" he said, ""and they said they had tickets."

from a third-story window. The came a wave of patients wh sustained injuries during looting ar vandalism including a man wil shotgun wounds.

The little things somehow stuck the mind: A parked car was smashe with a brick that fell from the facat of a three-story Victorian in the 70 block of Haight Street. A chimne crumbled on another Victorian 18th and Noe streets. The window had smashed into Carl Street from the Ironwood Cafe, where a wall the restaurant had toppled. The glas front door of the Wells Farg computer center on Fifth Street la flat on the floor of the foyer.

Hank Cheng of the Dragon House in Chinatown looked at the broke porcelain all over the floor, estimate the loss at \$10,000 and said, seemed like it went on forever."

Jon Hansley, 24, a Navy office who had been assigned to hel victims of Hurrican Hugo in Sout Carolina, couldn't believe it.

"I came out here for a little and R, to go to the World Series,' he said, ""and instead I got this."

Mario Salvetti, 56, wanted enter his home on Cervantes Street the wreckage of the Marina.

"That's my house,"" he shouted ""That's my house.""

It had been four stories high 5:03 p.m. Now it was one story.

Widespread devastation wa reported in Los Gatos, which lies jus below the fault area. Most storefront were demolished. Several building collapsed.

Examiner reporter Raul Ramire was phoning the office from Santi Cruz at 3:25 a.m., when scream were heard from the background The line went silent.

""We just had another one,"" said Ramirez. "'The ceiling was faling."

The aftershock, centered 13 miles west of Gilroy, was estimated at 4.5 on the Richter Scale.

echoed over the island. The blimp that should have been at

Bruce Stephan lay on stretcher, his head wadded in padding and tape. He smiled "You know, your life doesn't flash in front of you."

His gray Mazda had been one of the cars caught in the collapse.

As his car fell, he recalled, he said, "'We're going to die.' I closed my eyes (he was driving) expecting to fall into the water

WITNESS, from A-1]

Candlestick floated by.

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Electric power was shut off within moments of Tuesday's quake, prompting baseball commissioner Fay Vincent to cancel the baseball game and send the 62,000 fans home during the remaining hour of sunlight on a day that had been unusually warm for mid-October.

It took them hours to drive a mile or two because of crippling damage to freeway structures at several locations on Interstate 280 and the Bayshore Freeway (U.S. 101).

Tens of thousands of frightened, homeward-bound commuters were trapped in San Francisco when BART trains stopped running (until 3:30 a.m.), and barricades went up on the Bayshore Freeway and Interstate 280. Damage was reported also to the Douglas MacArthur Tunnel on the Park-Presidio Boulevard approach to the Golden Gate Bridge, which remained open.

Damage was reported on Bayshore overpasses at Highway 92 and Third Street in San Mateo and at University Avenue in Palo Alto. The Embarcadero Freeway was shut down, and on 280 an overpass in Los Altos Hills was damaged.

CalTrans ordered a brief shutdown for inspection on the San Mateo, San Rafael-Richmond and Carquinez Straight bridges.

The Bay Bridge remained closed Wednesday for what may be several days of repairs on the upper deck, where the 40-foot section of decking fell into the westbound deck about a mile and a half east of Yerba Buena Island on the cantilever span.

At least 1,000 would-be air passengers were stuck most of the night at San Francisco International Airport, where the control tower was put out of action by shattered windows, falling ceiling tiles and a breakdown of computerized equipment. One air controller was injured. A baby was born in the lobby of the United Airlines terminal.

Most passengers were calm, said writer M.L. Stein as he tried to get back to Long Beach.

""There were a few who argued with the gate personnel,"" he said, ""and they said they had tickets.""

Flights were expected to resume Wednesday morning after a safety inspection of runways.

From the air, San Francisco was an eerie sight.

Standing atop Twin Peaks, Examiner writer Edvin Beitiks noted: ""No lights in The City, except for headlights and taillights weaving along the streets. Looking up, you could see stars. Looking down, there was no light all the way to the water.""

High-rise buildings swayed violently during the quake, and the power outage stranded so many elevator passengers between floors that city officials sent out an allpoints bulletin for elevator technicians.

On the 50th floor of the Bank of America headquarters, attorney Michele Dulik said, ""It was unbelievable, like a cannon went off underneath your chair.""

She said it felt as if the building ""went hop, hop, hop, and then began swaying.""

Dr. Joseph Calabro, attending physician at San Francisco General Hospital, said 30 to 35 people were treated for earthquake-related injuries, including broken limbs and from falling objects. One man fell

[WITNESS, from A-1]

echoed over the island. The blimp that should have been at Candlestick floated by.

Bruce Stephan lay on a stretcher, his head wadded in padding and tape. He smiled: "You know, your life doesn't flash in front of you."

His gray Mazda had been one of the cars caught in the collapse.

As his car fell, he recalled, he said, "'We're going to die.' I closed my eyes (he was driving) expecting to fall into the water. When I opened my eyes I was still on land.

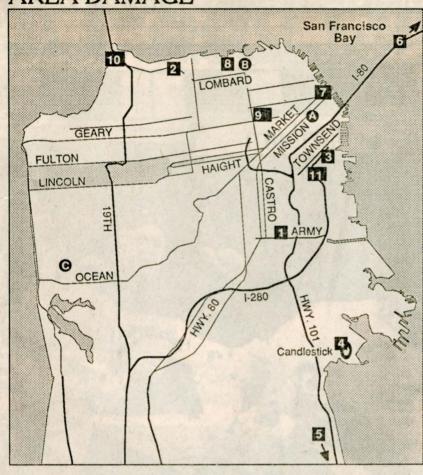
He and his passenger, Janet Freiberger, were pulled from his smashed car.

Although she was in great pain, they made their way to the island where an ambulance took them to a clinic.

The police and coast Guard coaxed most of the refugees onto buses that shuttled them back to San Francisco.

Concerned about aftershocks and a further bridge collapse, a lot of us refused to go back on the span. We were told our cars would be towed. Those of us who remained on the island found warm friendly homes to take us in. I, for one, stayed there overnight as the Bay Bridge was closed in both directions.

AREA DAMAGE



1. Mission District: reports of looting 2. Palace of Fine Arts: 5 ft. hole in

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- rotunda 3. 6th and Townsend: wall collapses;
- 6 reported dead 4. Candlestick Park: cracks in outer
- shell 5. San Francisco International Airport:
- Control tower and terminals report minor damage, flight delays reported 6. Bay Bridge closed: 50 ft. upper
- deck on east side collapses
- 7. Marina district: several buildings collapse, building destroyed by fire

Pacific Garden Mall

Hwy. 1 south close at Watsonville

- 8. Ferry Building: flag mast down
- 30-degree angle 9. Mt. Zion Hospital: emergency room closed after boiler explodes
- 10. Doyle Drive approach from Marina to Golden Gate Bridge closed 11. Hwy. 280 closed near 4th Street exit

Red Cross

- A. Moscone Center
- B. Marina Middle School

Monterey

C. St. Ignatius

The quake at a glance

MAGNITUDE

7.0 on Richter scale, compared with the 1906 earthquake that was 8.3 and the Oct. 1 quake that measured 5.4

EPICENTER

20 miles south of San Jose and 10 miles northeast of Santa Cruz.

WORST HIT

'Cypress" section of I-880 in Oakland, with 200 cars crushed, at least 253 dead and 400 injured

San Francisco Marina District. Building collapsed and burned, at least three killed

A building at Sixth and Brannan streets in San Francisco. Falling wall of bricks kills six

The Bay Bridge upper deck collapses at one point, falling onto the lower deck and killing

Highway 17. Landslides and buckled highway Santa Cruz, Pacific Garden Mall. Buildings collapse, killing at least two

Embarcadero Freeway. Structural damage, water main broken

IN ALL

Nearly 300 dead National Guard estimates 475 injured

EMERGENCY NUMBERS

To have your building checked in San Francisco, call 558-6096

RED CROSS SHELTERS

Moscone Center Marina Middle School, 3500 Fillmore St.

St. Ignatius School, 37th Ave. and Pacheco

TRANSPORTATION

A.C. Transit adding extra lines

Muni buses and streetcars running, cable cars are not BART running normal service San Francisco International Airport closed temporarily Oakland Airport open

UTILITIES

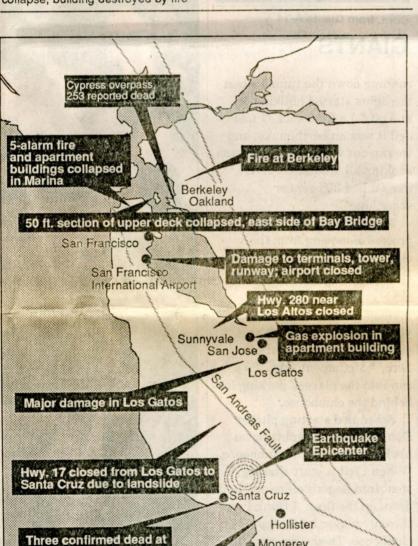
Electricity: More than one million customers expected to be without power until late

Sewer treatment plants closed because of power outage. Officials ask public to limit toilet flushing

Public schools, private schools and some colleges

Pacific Stock Exchange U.S. Post Office

State officials have designated certain areas of Northern and Central California as disaster



Game cancelled; no Series decision

Baseball commissioner Fay Vincent said this morning that no decision has been made on the World Series schedule except that Wednesday's game has been postponed.

The first priority following Tuesday's earthquake is to answer the needs of the

community, not baseball.

"If we play a game, it's going to subtract police and other government officials from other priorities. I do not want to do that. Baseball does not want to intrude.

"We know our place and our place is to wait until it is appropriate. At the moment, it is

not appropriate."

Vincent said that the first priority is to keep the World Series in the Bay Area. Preliminary reports on damage at Candlestick Park and the Oakland Coliseum suggest that dam age is minimal.

Engineering and architectural teams will be at both stadiums Wednesday and Vincent expects a more complete report and damage Wednesday evening.

Any decision on moving the Series to another area will not be made until those reports are

forthcoming.