## We're not at all ready should the big 'quake hit

By BOB SMITH (First of two parts)

Northern California shook.

and in flames.

Northern California.

miles from the epicenter, found its the Richter scale will strike. communications with the outside world cut. The railroad through the Santa Cruz mountains was blocked geographical conditions and populaby collapsed tunnels.

Telephone and telegraph systems damage. were out.

tricts suffered moderate damage. died as a result of it. Many of the homes in the county had The effect of an equally powerful fireplace chimneys toppled.

landslide buried a sawmill.

Each year, California waits for the Move the quake time to 2 p.m. and BIG quake.

scientists say, increases the likeli- and it rises to 11,000.

In 1980, the National Security April 18, 1906 - the earth under Council and the Federal Emergency Management Agency (FEMA) San Francisco was left in ruins examined the likelihood of of a major earthquake hitting some part Damage was reported throughout of California. Southern California stands a five percent chance each Santa Cruz County, nearly 100 year that an 8.3 magnitude quake on

> The Bay area risk is one percent a year, but the area, because of its tion, would probably suffer more

The 1906 quake was catastrophic Santa Cruz County business dis- for the people who lived through it or

quake on the millions who now Two dozen men lost their lives in inhabit the San Francisco and Mon-Hinckley Basin above Soquel when a terey Bay areas would be almost all major transportation links. incalcuable.

For the next 75 years, the earth The FEMA-National Security slept. Northern Californians have Council report estimates that an 8.3 lived in comparative peace with only magnitude quake on the San Andreas people are home and asleep.

porary housing.

knocked out for 24 to 72 hours.

the federal study shows, would be ties being affected by the same event 1-129, and the Aptos Creek Bridge. affected - highways, streets, over- is very remote, but the federal (It has no plans to strengthen any systems, railroads, airports, pipe- tion of key industries in some areas. lines and ocean terminals.

ing the San Andreas or other major factured in Santa Clara County, an spokeswoman said the county could fault lines - would be the most area that suffered very heavy expect to be without electricity or severely affected, the study says, but damage in the 1906 quake. major damage could be expected on There is no study that specifically after a major quake.

earthquake demonstrated vividly County today. But public officials Barbara quake shows that railroads that business and industry would be believe the county would be isolated could be cut, major airports rendamaged. Several buildings of the from the outside world, with its dered inoperative or crippled an occasional temblor over the years fault would kill 3,000 people if it kind typically used for light industry residents dependent on their own because of power losses, telephone to remind us that we do live in occurred at 2:30 a.m. when most and warehouses suffered collapsed resources for hours, days, and per-systems overloaded to the point of roofs and walls.

resources (or about 8.5 percent of Santa Cruz Mountains. Portions of tors. hood of another major earthquake The injured requiring hospitalizathe nation's total), are located in the the San Andreas Fault during the How prepared is Santa Cruz response ability.

at 2 p.m. and 44,000 at 4:30 in the counties considered subject to a horizontally. afternoon. Injured not requiring hos- major quake. About 56 percent of the CALTRANS has said most of the pitalization would be 15 to 30 times guided missiles and space vehicles, freeway bridges on Highway 1 federal, state and local — is that we the hospital estimates, FEMA esti- 40 percent of the semiconductors, 25 between the Pajaro River and Santa are not ready. percent of the electronic computer Cruz could collapse during a major As many as 200,000 families in the equipment, and approximately 21 shake. It plans to spend more than greater Bay area would require tem- percent of the optical instruments \$30,000 in the 1983-84 budget year to and lenses manufactured in the put "restrainers" on the bridges Telephone systems would be nation are produced in the 21 (high over the railroad in Watsonville, risk) California counties.

deals with the impact of an 8.3 San Experience with the 1979 Imperial The 1971 San Fernando Valley Francisco-type quake on Santa Cruz Valley quake and the 1978 Santa haps longer.

Struve Slough, 41st Avenue, Soquel All major transportation systems, The probability of all these coun- Avenue, State Park Drive, Highway

passes and bridges, mass transit report worries about the concentra- of the bridges on the Santa Cruz County portion of Highway 17 at the For example, 25 percent of the present time, a San Francisco East-west arteries - those cross- nation's semiconductors are manu- spokesman said recently.) A PG&E natural gas for three days or more

unusability, and many radio and Ten percent of the nation's popula- Every major transportation artery television stations cut off the air the death toll rises to 10,000. Time it tion and industrial resources are in into the county crosses the San because of the power outage or And every year that goes by, for the rush hour traffic at 4:30 p.m. California. Over 85 percent of these Andreas Fault at the crest of the failures of their emergency genera- a new Board of Supervisors to

hitting Northern and Central Califor- tion would be 12,000 at night, 37,000 21 Northern and Southern California 1906 quake were displaced 21 feet County today to deal with the after-

math of the Big Quake?

The consensus at all levels -

The federal and state governments are prepared to provide an umbrella of support and assistance to any locality involved in a major natural disaster.

But the responsibility for the comprehensive advance planning needed to set up the plans and cooperation to deal with an emergency and the on-the-scene operations following a major disaster devolves onto the local governments and private organizations, like the Red Cross.

But here, the county has been without an effective civil defense or disaster organization for several

The County Office of Civil Defense was abolished by the Board of Supervisors in 1977, and the county's disaster planning and emergency preparedness organization fell into

In 1980, Sheriff Al Noren and Lt. Bill Plageman were given the job by rebuild the county's emergency

(Part two: Starting from scratch.)