



GET READY, SANTA BARBARA!

KNOWING YOUR RISKS

2014 Napa Earthquake

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On Sunday August 24, 2014 at 3:20 a.m. a 6.0 magnitude earthquake hit the Napa Valley area. An earthquake that size had not been felt since the 6.9 Loma Prieta earthquake 25 years ago. The Napa Valley earthquake triggered six major fires that destroyed several mobile homes and with dozens of water main breaks it would take up to a week to have the water system back in order. There were also reports of over 100 homes uninhabitable and more than 170 people injured. In addition, some wineries and small businesses did not have earthquake insurance to cover the damages. This means that the costs for damages is going to be felt by these businesses. It is unfortunate events like this that brings us back to the basics of mitigation and preparedness. In listening to the interviews, many that felt the earthquake were amazed and did not believe it had happened. Yet it did happen 25 years ago!

Note, the last big earthquake in Santa Barbara that caused a large amount of damage was on August 13, 1978. It was a 5.1 magnitude earthquake that caused approximately 15 million dollars in damages. The headlines in the Santa Barbara NewsPress on Monday August 14, 1978 stated, "South Coast Cleaning Up 'Big Mess.'" We have the opportunity right now to repeat that headline or create one that says, "Santa Barbara Stands Sustainable After Major Quake" The choice is ours; are you ready? Do you have a Plan? Do you have a go kit? Do you have a family communication plan? What will be your testimony when, not if, the next big one hits? Need more information, contact the City's Office of Emergency Services at 805-564-5711 or go to Ready.Gov



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Santa Barbara History—Anapamu Street

The second of the two Chumash words to grace our streets, *anapamu* means "rising place." In the old days, it would have been easy to see how the land here rose dramatically above the upper boundaries of the slough. You can still get the feeling for it today by driving (or preferably walking) west along Anapamu starting at Santa Barbara High School. As you pass by Peabody Stadium, note the twenty foot drop in elevation there and upon reaching Olive, look back and see the climb you've made. Another glimpse down Laguna and Garden towards the ocean pretty much says it all.

Like Anapamu, it took a little work to figure out how to spell this one. The two street maps of 1853 drawn by Vitus Wackenreuder, had "Anapanne" on one and "Anabanni" on the other while the Town Council preferred "Amnepamme." The following year, the Council appointed a committee to standardize the spelling of all the streets and "Anapamu" has been with us ever since. The beautiful Italian Stone pines along the section of the street were first planted in 1908.

Excerpt taken from Street Names of Santa Barbara by Neal Graffy, Page 13

Upcoming Issues

SEPTEMBER
Cyber Terrorism



OCTOBER
Oil Spills



NOVEMBER
Air Disaster



DECEMBER
Freezes



JANUARY
Kitchen Safety



Do you have some Santa Barbara history you want to share? Maybe you have some interesting family history you want to share or maybe you have a question about something. We want to hear it! Send us your stories of, or questions about, Santa Barbara history to YMcGlinchey@SantaBarbaraCa.gov

Cyber Terrorism

Definition:

Cyber terrorism is defined as “the politically motivated use of computers and information technology to cause severe disruption or widespread fear in society” (Oxford Dictionary).

The term cyber terrorism has become one of the latest tech buzzwords after a flurry of retail hacking horror stories. The most recent and the largest in US history being Target’s hacking of Thanksgiving 2013 by Russians, which exposed the personal information of 70 million customers.

In order to have easy access to Target’s mainframe, the Russian hackers posed as an HVAC company that already had a contract with Target. No one would be the wiser, as they were supposed to be there. They used the fake credentials to spend weeks on surveillance, and eventually installed a pair of malware programs. Once the malware was installed, it was easy to send to all domestic Target cashier terminals, and the seed was planted.

On November 30, 2013, as the masses began Christmas shopping, the hackers activated the programs and the credit card numbers came pouring in, along with addresses, phone numbers, and plenty of other personal information. The hackers were patient, waiting for the right time to export all of the stolen information. They installed malware to extricate the information on December 2, 2013, and when they did, Target’s first-line of cyber security, in Bangalore, detected the hack and alerted Target’s security operations center in Minneapolis, exactly as they were supposed to.

Alarms were going off, emails were sent, the security team was flagged... and they did absolutely nothing. So not only were there plenty of alarms that should have been impossible to miss, but those alarms went off early enough, before the hackers exported



While the vast majority of hackers may be disinclined towards violence, it would only take a few to turn cyber terrorism into reality.

Professor Dorothy Denning



the confidential information, that if Target’s security operation center had done their job, the entire situation would have never happened.

After the breach became public knowledge, Target’s CEO/President issued a standard press-release acknowledging their blunder, assuring the public that a full investigation would be initiated, and in a last-ditch attempt to regain the trust of their massive customer base, set up a customer response operation. Unfortunately, Target’s holiday shopping profit fell over 46% from the year before.

Although it took a massive disruption and security breakdown, Target is now ramping up their security protocols and procedures, and spending over \$100 million on new card reader technology.

For the full story on Target’s security breach [click here](#).

Although the Target incident was more of a hacking situation, the financial impacts deems it terrorism by definition. However, there is still some controversy on the differences.

Below are few key things to remember to protect yourself from cyber-terrorism/hacking:

1. All accounts should have passwords and the passwords should be unusual, difficult to guess.
2. Change the network configuration when defects become known.
3. Check with vendors for upgrades and patches.
4. Audit systems and check logs to help in detecting and tracing an intruder.

If you are ever unsure about the safety of a site, or receive suspicious email from an unknown address, don't access it. It could be trouble.

The CERT Corner –KAHWHUMP!

As summer comes to an end, we here in Southern California enjoy an extension of great weather into autumn. The days, though shortening, are lovely; our nights are often balmy and warm. We continue to pursue outdoor activities, including cooking.

This writer makes no claim about barbeque expertise, but given charcoal and a match, I can make something over which to grill. Propane, however, is another matter. Valves, igniters, possible long handled lighters, all blind me with caution tape, and as I check fittings, hoses, handles and heft the canister to feel if there is indeed any in it, I approach the grill as a completely different project. I check, double check and then, hoping my forearms don't singe, I extend the lighter and am rewarded with the KAHWHUMP of ignition.

Propane is a gas. It is heavier than air. It is combustible, and as it burns, it creates carbon monoxide as a byproduct of combustion, the same carbon monoxide found in car exhaust. In our area we use propane mostly for cooking outdoors, but in other places it is often used for heating as well as everyday indoor cooking and baking. We typically purchase our cylinder, and then trade it in for a full one when it seems empty. In other parts of the country, large trucks service propane tanks for residential customers. It is odorized with agents to make it smell bad so its presence can be detected, but that odor can fade when the cylinder or canister is stored for an extended time. In addition to our smoke detectors, we also install carbon monoxide detectors inside our homes to warn us

of incomplete combustion of other gas using appliances, home furnaces for instance.

As with many other common materials we use, propane has the potential to be very hazardous. To safely use this gas, some basic rules must be followed. Propane cylinders must be stored carefully outdoors, away from any source of flame. The cylinders themselves must be in good condition, no dings, dents, or rust. Your supplier can check for leaks. When handling propane cylinders, make sure the valves are closed, and after you arrive at your destination, remove the cylinders from the car. Never store them inside your home. Do not use propane as a heat source or for cooking on a grill inside your home. This may sound silly as you read, and you may think it a good idea in a disaster where other gas supplies are disrupted, but it is not. We quickly may discard safety as we seek alternate solutions for functioning, and carbon monoxide kills.

Do not use matches or lighters to check for leaks. Do not use, transport, or store the cylinder in heat, including the under the grill. Never allow children to tamper with or play with the cylinder or grill.

Our firefighters are trained in the handling of propane emergencies.

Interested in learning more? CERT classes for fall are available. Call Yolanda McGlinchey, Emergency Services Manager for the City of Santa Barbara at (805) 564-5711.



Stella Larson,
Mesa Resident

September Quiz

- Which famous battle took place on September 11, 1297?
 - The Battle of Stirling Bridge
 - The Battle of Stamford Bridge
 - The Battle of Bannockburn
 - The Battle of Falkirk
- September 30, 1955 saw the death of this movie star in Paso Robles, California. Who was it?
 - Humphrey Bogart
 - James Dean
 - Jayne Mansfield
 - Jean Harlow
- Which great disaster started on September 2, 1666?
 - Great London Fire
 - Last Eruption of Mt. Etna
 - Lisbon Earthquake
 - Great Tsunami of Kyoto
- Which event took place on September 5, 1972?
 - Charlie Chaplin died at his home in Switzerland
 - Apollo 13 near death rendezvous with disaster
 - The Munich Olympic Massacre
 - Grace Kelly died in a car crash in Monaco

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Santa Barbara City Office
of Emergency Services

121 W. Carrillo Street
Santa Barbara, CA 93101

Phone: 805-564-5711
Fax: 805-564-5730
E-mail:
YMcGlinchey@SantaBarbaraCA.gov



We're on the Web!

www.santabarbaraca.gov/oes

and



Emergency Kit Recipes

"Clara B's Magic Potion"

Prep Time:

5 min

Total Time:

5 min

Ingredients

- 1 can diced peaches
- 1 cup apple juice
- 2 tbls ground cinnamon
- 6 graham crackers
- 1/4 cup granola



Directions

Pour apple juice over one can of diced peaches. Stir in 1T of cinnamon. Let the mixture sit while you use your hand-cranked Red Cross phone charger to power your smart phone.

Coarsely crush six whole graham crackers and add 1T of cinnamon. Use the mixture to build a base (about 2 inches deep) in a Red Cross coffee mug.

Pour the apple juice/cinnamon/peach mixture into the mug, covering the cracker base.

Top with about 1/4 cup granola.

Even Clara Barton needed a late-night snack while she was wrangling the American Red Cross into existence. This little treat could be made from the "stores" of food donated by her supporters.

If you want to find more Emergency Recipes like this, [Click here](#)
Do you have an Emergency Kit Recipe you want to share? Maybe you have a healthy or crazy recipe or maybe you have a question about something. We want to hear from you! Send us your recipes, or questions to YMcGlinchey@SantaBarbaraCa.gov

Upcoming Events

September 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 Labor Day 	2	3	4	5 Be Late for Something Day 	6 Read a Book Day 
7 Grandparents Day 	8	9 Teddy Bear Day 	10	11 9/11 	12	13 National Peanut Day  September 13
14	15	16 Collect Rocks Day 	17	18	19 POW/MIA Recognition Day 	20 Oktoberfest 
21	22 Elephant Appreciation Day 	23	24	25 Nat'l Comic Book Day 	26	27
28 HAPPY ASK A STUPID QUESTION DAY! 	29	30 National Mud Pack Day - September 30 - 				