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ALERT

Volume 36

CUEA STAFF Don Boland, Executive Director
Jenny Regino, Executive Assistant

July to December 2013

CUEA FEATURED IN EMERGENCY MANAGEMENT MAGAZINE

On July 26, 2013, Don Boland provided an interview on CUEA's mission to David Rath of the Emergency Management magazine. The article "What's Changed? Seven ways emergency response to a devastating earthquake would be different today" was featured in the September/October edition of the magazine. Below is a portion of that article that featured Don Boland. If you are interested in reading the article in its entirety, you can find it at

www.emergencymgmt.com

UTILITY INFRASTRUCTURE COORDINATION
More than 150,000 customers lost power during Loma Prieta. Today that figure would be closer to 500,000, because of the area's increasing population density. Although many of the types of utility infrastructure that would be impacted by an earthquake are similar today, the

resiliency and level of communication between providers is different, said Don Boland, executive director of the California Utilities Emergency Association. He said the association brings together utilities to study interdependencies, expedite getting systems back up and running as quickly as possible, and prioritize what needs to be done — providing pumping stations with power before stoplights, for instance.

"Energy, telecom, water and gas are like four legs of a dining room table. Without all four, the table is going to collapse," Boland said. "We act as the state EOC's utility arm. We hold mutual assistance compacts for all 41 power companies in the state, and are able to reach down to San Diego to help stand up resources if there is a 7.0 earthquake in San Francisco without waiting for any kind of

damage assessment. The type of system we have for pulling resources from elsewhere did not exist during Loma Prieta. The utilities realize they are no longer silos and are working together."

In San Francisco, a Lifelines Council is conducting an interdependencies study on infrastructure serving the city.

The council seeks to:

- develop and improve collaboration in the city and across the region;

- understand inter-system dependencies to enhance planning, restoration and reconstruction;

- share information about recovery plans, projects and priorities; and

- establish coordination processes for lifeline restoration and recovery following a major disaster event.

POWER LIFELINES PLANNING WORKSHOP



On August 4, 2013, Don Boland was a presenter at the Power Lifelines Planning Workshop in San Ramon. The workshop was organized by the California Resiliency Alliance. The purpose of this workshop was to review the distribution and delivery systems for power, to learn about the likely damage

and disruptions to those systems in the event of a catastrophic Bay Area earthquake, and engage in a discussion about region-wide restoration and the critical needs to consider when planning for the restoration of those vital infrastructures.

RIM FIRE

In August, CUEA facilitated Mutual Assistance for SFPUC for the RIM Fire. The Forest Service reported that the Rim Fire began because of a hunter's "escaped" illegal fire on August 17, 2013 in the Stanislaus National Forest. The fire spread to more than 257,000 acres. It reached the edges of Hetch Hetchy Reservoir watershed, the source of 85% of the drinking water that SFPUC provides to their customers.



SOUTHWEST GAS CORPORATION JOINS CUEA BOARD

At CUEA's quarterly board meeting held on September 18, 2013, a motion was approved for the acceptance of Southwest Gas to fill the vacant position on the Board. Southwest Gas Corporation is primarily engaged in the business of purchasing, transporting, and distributing natural gas. They serve more than 1.8 million customers in Arizona, California and Nevada. Bill Chunn is the Director of Gas Operations and will serve on the board as a Director. Sam Grandlienard, Manager of Engineering, will be his alternate.



PAM PERDUE HONORED AT CANDLESTICK PARK

Pam Perdue, senior public safety specialist for PG&E, was honored at Candlestick Park before the 49ers game on September 22nd for her work as the Agency Representative for the Rim Fire. She spent three weeks at the fire, working 16 to 18 hour days. Pam's hard work allowed PG&E to assess the damage to their equipment and to work with other agencies so that the customers could have their power restored. PG&E also had a booth set up to encourage fans to prepare for emergencies.



SMUD NATURAL GAS PIPELINE EXERCISE

Jenny Regino of CUEA attended the SMUD Natural Gas Pipeline Emergency Response Awareness Workshop and Table Top Exercise on September 26, 2013. Selby Mohr, Emergency Preparedness Specialist for SMUD, led the exercise. The purpose of this exercise was to review the personnel, facilities, procedures, and materials used to respond to a pipeline emergency event involving the SMUD natural gas pipeline system.

UNVEILING OF NORTH COAST EARTHQUAKE AND TSUNAMI RESPONSE PLAN IN CASCADIA SUBDUCTION ZONE



On September 26, Don Boland joined the Senior Leadership officials from the California Governor's Office of Emergency Services (Cal OES) and the Federal Emergency Management Agency (FEMA) to formally sign the North Coast Earthquake and Tsunami Response Plan in Eureka, CA. The joint state-federal response plan for catastrophic earthquakes and tsunamis affecting California's North Coast was unveiled during a daylong briefing for stakeholders. The *Cascadia Subduction Zone Earthquake and Tsunami Response Plan* details how state and federal agencies will integrate operations to support

local government with needed disaster services following a magnitude-9.0 earthquake and a resulting tsunami that originates along the Cascadia Subduction Zone, significantly impacting Del Norte, Humboldt and Mendocino counties. The plan, which builds on the successful efforts of Cal OES and FEMA to coordinate the development of catastrophic earthquake response plans for the San Francisco Bay Area in 2008 and Southern California in 2010, is the culmination of 2-1/2 years' work by emergency planners and subject matter experts from local, state, tribal and federal agencies, Tribal nations, nongovernmental organizations and the private sector.

Stakeholders will test the plan during the 2014 Cal OES disaster exercise. The planning process for the exercise, which annually tests elements of the State Emergency Plan and those of other participating agencies, is already underway.

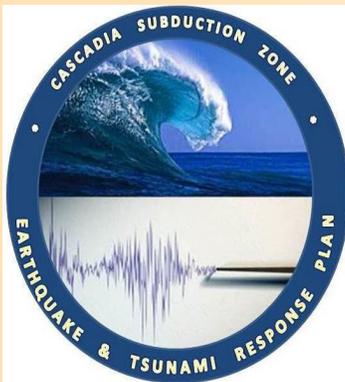
CUEA FACILITATES THE VISIT TO THE LADWP EOC AND FACILITY TOUR FOR THE JAPANESE DELEGATION OF 10 MANAGERS FROM THE FUKUSHIMA DISASTER

The following brief was provided by Al Garcia of LADWP.

On Wednesday, October 30, 2013, The Los Angeles Department of Water and Power, Office of Emergency Management, met a delegation of 10 managers representing various communications and Tele-communication firms from Japan at the City of Los Angeles' Emergency Operations Center (EOC) for a tour. The delegation from Japan was given a tour of the facility that was completed in 2009 and was built to withstand a magnitude M8.0 earthquake. They were also shown how the EOC coordinates the resources for the City and disseminates information, so that all City departments speak with one voice. The delegation was very interested with information about recovery methods and lessons learned from natural disasters that cause major damage to communication networks and landline telephones.

The Delegation's interpreter explained that the 2011 Fukushima disaster devastated their communications systems and that this was a group of civil engineers who work for companies that provide electrical and communications services. Their questions were related to planning and mitigation efforts in addition to recovery methods. They were very interested in learning about the redundant forms of communications, debris management from streets and highways, and the mitigation efforts in the City.

CASCADIA SUBDUCTION ZONE EARTHQUAKE AND TSUNAMI RESPONSE PLAN SEMINAR



On November 7th, 2013, Jenny Regino of CUEA and Kevin Elcock of DWR attended the Cascadia Subduction Zone Earthquake and Tsunami Response Plan Seminar hosted by Cal OES. Cal OES, along with FEMA Region IX, and local representatives provided an in-depth look at the overall plan. The Cascadia Subduction Zone is an 800 mile long offshore fault, stretching from Northern California to Vancouver Island in Canada. The scenario for this plan is a catastrophic earthquake (M 9.0) along the length of the fault with a resulting tsunami. For more information on this plan, log onto www.caloes.ca.gov/PlanningandPreparedness/pages/catastrophic-planning.aspx.

UOC ORIENTATION

On November 20th, CAISO and PG&E toured the UOC. CUEA had the opportunity to provide an orientation for the operations team of CAISO, and the PG&E responders. Don Boland gave both groups an overview of what takes place in the UOC during an activation. Both groups also had a chance to tour the SOC, the media center, and the warning center.



ALERT



WWW.CUEAINC.COM

PLEASE SUBMIT ARTICLES AND/OR PICTURES FOR OUR NEXT
SEMI-ANNUAL NEWSLETTER BY 6/1/14:
JENNY.REGINO@CALEMA.CA.GOV

NEXT BOARD OF DIRECTORS MEETING

MARCH 13TH, 2014

9:30 AM TO 3:00 PM

CAL OES HEADQUARTERS

MATHER, CA

CUEA WELCOMED FOUR NEW MEMBERS IN THE THIRD QUARTER

- ◆ LATHROP IRRIGATION
- ◆ CITY OF VERNON LIGHT AND POWER
- ◆ RANCHO CUCAMONGA MUNICIPAL
- ◆ EAST VALLEY WATER DISTRICT