

**Nevada Earthquake Safety Council Meeting Minutes**  
**Wednesday, August 14, 2013, 1:00 PM**

North: Nevada Governor's Office, Kenny Guinn Media Room

South: Vegas PBS Educational Technology Campus,

**Board Members Present:**

Ron Lynn, Chairman  
Jim Reagan  
Woody Savage  
Wanda Taylor  
James Walker  
Jim Werle  
Alan Bennett  
Wayne Carlson  
Craig dePolo  
Jenelle Hopkins  
Eric Hubbard  
Graham Kent

**Staff/Others:**

Elizabeth Ashby (NDEM)  
Janell Woodward (NDEM)  
Jennifer Lynette (FEMA)  
Diane dePolo (Seismology Lab)  
Annie Kell (Seismology Lab)  
Ken Smith (Seismology Lab)

**Members absent:**

Michael Blakely  
Jeff Brewer  
Ian Buckle  
Joe Curtis  
Steve Koenig  
Jim O'Donnell

**1. CALL TO ORDER, ROLL CALL AND ESTABLISH QUORUM**

Chairman, Ron Lynn called the meeting to order at 1 PM. Roll call was taken and a quorum was present. It was noted that there were extensive technical difficulties in audio-visual communications from the beginning of the meeting between the north and south locations. These minutes may be limited secondary to those difficulties.

**2. PUBLIC COMMENT**

Ron Lynn asked for public comment; there were none.

**3. APPROVAL OF THE MEETING MINUTES FROM MAY 30, 2013**

Ron Lynn asked for a motion for approval of the minutes from the May 30, 2013 meeting as submitted. Wayne Carlson moved and Craig dePolo seconded it. The minutes were accepted as presented.

**4. RECENT SEISMICITY IN NEVADA**

Ken Smith gave a presentation on recent earthquakes in Nevada including a swarm near Stead Air Force Base north of Reno. His presentation showed the 2013 earthquakes. There was a swarm south of Carson City recently which lasted for a couple of weeks. There have also been a few swarms near Reno. There was fairly good media coverage. These were near Bordertown, near the Mt. Rose Highway, in Sun Valley, and also just recently under Stead. There has been an earthquake swarm near Tracy. The

presentation also showed the Southern Nevada activity. The Lake Almanor Dam earthquake was a magnitude 5.6.

The Nevada Seismological Laboratory (NSL) is placing broadband sensors as well as fire cameras working with Fire Service and USGS. The fire cameras caught the Bison fire from Snow Valley Peak and the video is available on YouTube. Permitting is an issue for placing cameras and equipment near Lake Tahoe. NSL is upgrading their radios with IP. They are working with NBMG to try to get the GPS network back online down in Southern Nevada. The final slide showed how poor the seismic network coverage is with respect to the entire state. Some parts of the state are densely covered and others have very little coverage such as central and eastern Nevada. Utah does a good job but it took many, many years of working with legislators to achieve their coverage.

## **5. REPORT FROM THE SEISMOLOGICAL LABORATORY, UNIVERSITY OF NEVADA**

Graham Kent gave a GoToMeeting presentation as he was in Orange County. The presentation showed installation of several "Fire Cams" on mountaintops near Reno/Carson/Tahoe; enabling tracking of the Bison fire in real-time. They have been running a Sony camera with some success, but they purchased a more complicated camera that has pan-tilt zoom and infrared capabilities this was deployed at the time of the Bison fire. There is the ability to track in real-time. They can provide situational awareness. Business class broadband is available and the network can address fire and they are working on how to build out a 21<sup>st</sup> century fire detection and monitoring capability. The broadband helps with experience in extending emergency awareness, and as earthquakes are less frequent, the extension to fire and other emergencies further help emergency responders. NSL are also doing a lot of climate work with the cameras.

## **6. UPDATE ON THE 4<sup>TH</sup> ANNUAL GREAT NEVADA SHAKEOUT**

Diane dePolo presented an update regarding the Great Nevada Shakeout scheduled for October 17 at 10:17 AM. She participated in a conference call with other states regarding successes and failures regarding the Shakeouts. Many states have had similar frustrations. California encouraged all the states to keep doing what they are doing as it gets better over time. Diane made contact with Angela Krutzing from the Nevada Hospital Association who informed Diane that the Shakeout did not qualify as one of the two yearly exercises in which hospitals are required to participate. Diane asked how the Shakeout could change to accommodate their requirements. There has been a lot of good information shared between the Diane and Angela. They have a large amount of participation for the upcoming Shakeout from the Clark County area. There was also a discussion regarding the *Living with Earthquake* books and printing more copies. Craig will check with the printer regarding these books.

## **7. NEVADA DIVISION OF EMERGENCY MANAGEMENT UPDATE**

Janell Woodward gave an update of the activities of NDEM in the last quarter. First discussed was the catastrophic DPS email/calendar failure. As we lost all of our contacts, it was asked that anyone who has not received recent email communication please make sure that we have their current contact information.

A report was given on the FY12 and FY13 grants to the Seismology Lab. Also, money was available for Janell's salary to coordinate for NESC. Updates were given on training opportunities and training that has been done in the past quarter. Tentative dates were given for the 2014 meeting schedule.

The State of Nevada requires a state vendor number in order for members to receive incidental travel fees and per diem reimbursement. Janell said she would look at the State vendor listing and determine who still needs a state vendor number. Per Elizabeth Ashby, a vendor number is not currently required unless receiving per diem reimbursement though it WILL be required in the future so she recommended everyone please go ahead and obtain a vendor number at this time if they do not have one. For those who have not used their vendor number in the last three calendar years, a reapplication is required to reactivate their vendor number.

There was discussion regarding the ranking criteria. This current criteria list was written based on FEMA's criteria. The current listing is different from the past criteria and NDEM does not have a copy of the prior criteria at this time. We will work to obtain the old criteria and try to put it all together. One of FEMA's goals mentioned terrorism and Wanda Taylor questioned whether this had anything to do with NESC or not. Elizabeth Ashby stated we will address this as soon as we have the old criteria. Craig dePolo stated it may be on the website and we will check that.

Flash cards on various hazards have been made available. Several earthquake cards were passed around to everyone in the North location to see. They came from [www.flash.org](http://www.flash.org). We have a small stock at NDEM for public outreach but anyone can order them directly from the company. They are free but they do request shipping reimbursement.

Wanda Taylor requested that future minutes include surnames for a more professional presentation.

**8. REPORT ON THE NATIONAL EARTHQUAKE HAZARD REDUCTION PROGRAM (NEHRP)**

Ron Lynn stated there is no formal communication on NEHRP.

**9. WESTERN STATES SEISMIC POLICY COUNCIL (WSSPC) POLICY ADOPTION**

There were extensive technical difficulties at this point. Ron stated there were specific policies that he wanted everyone to have. He will email the list of those and NDEM will make sure that everyone on the committee has that information. He wanted the policies on the joint meeting agenda (for action) and did not want to discuss them at this meeting.

**10. UPDATE FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY**

Jennifer Lynnette gave a NEHRP update. She first discussed NETAP and they were able to give one extra course to Nevada scheduled for September 26 including FEMA 154 and ATC20. This will be at the Las Vegas Building Department location. She

reminded everyone that free FEMA publications are available for order. Please allow about a month for shipping. Email Jennifer with those requests or you can email FEMA Publications at [fema-publication-warehouse@fema.dhs.gov](mailto:fema-publication-warehouse@fema.dhs.gov) to request publications. The only limit is on what is in stock at the time of order. There are about 100 different FEMA earthquake publications.

Jennifer is working with NDEM and the Seismological Laboratory on a list of critical items that they would like to see funded in the next fiscal year. The group came up with 8 activities and ranked them in order of importance.

**11. SCHEDULED 2013 CALENDAR YEAR MEETING DATES FOR THE COUNCIL:**

The November meeting will be a combined workshop to be held Wednesday, November 13, 2013 in Las Vegas at the Clark County Building Department location. This workshop will include representatives from Colorado, Idaho, Utah and Nevada. Arizona was also invited though there has been little response from them. We are currently working on the agenda items to be covered at this meeting. This will be distributed to everyone as soon as we have it more finalized.

Tentative dates for the 2014 NESC meeting schedule were given:

February 12, 2014

May 14, 2014

August 13, 2014

November 12, 2014

**12. PUBLIC COMMENT**

There were no public comments.

Craig dePolo made comments directed to Wanda Taylor and Woody Savage regarding the fact that NBMG is recommending if the USGS considers recurrence intervals for the Eglington fault in Las Vegas to utilize a range of 1.4 to 3 ky, with an average of 2.2 ky, versus the USGS's proposed 2.5 ky.

Jim Reagan suggested that we find other meeting accommodations in the south for future meetings secondary to the extensive technical difficulties of today's meeting and everyone agreed. Woody Savage suggested one solution may be to have someone from the PBS facility provide a set of written instructions and assist at the start of the next video conference to assure that the teleconference facilities are utilized correctly. This should not be a further issue as we will likely not utilize this facility again for a meeting place.

Elizabeth Ashby gave a reminder regarding state vendor numbers and the fact that they are needed to make travel arrangements in November. She asked everyone to be sure to obtain vendor numbers and let us know if help is needed with the site information again.

**13. ADJOURN**

Ron Lynn adjourned the meeting at 2:30 pm.